

# Test Report

**Report No.:** MTi221108011-25E2

**Date of issue:** 2023-03-15

**Applicant:** Joint Chinese Ltd

**Product:** Smart Health Watch

**Model(s):** 2032

**FCC ID:** 2AB73-2032

Shenzhen Microtest Co., Ltd.

<http://www.mtitest.com>

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|                                     |     |
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| Test Result Certification |                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------|
| Applicant:                | Joint Chinese Ltd                                                                                   |
| Address:                  | Building 6, Huafeng Tech Park, Luotian Industrial Area, Songgang Town, Baoan Shenzhen China         |
| Manufacturer:             | Joint Chinese Ltd                                                                                   |
| Address:                  | Building 6, Huafeng Tech Park, Luotian Industrial Area, Songgang Town, Baoan Shenzhen China         |
| Product description       |                                                                                                     |
| Product name:             | Smart Health Watch                                                                                  |
| Trademark:                | N/A                                                                                                 |
| Model name:               | 2032                                                                                                |
| Serial Model:             | 2032A, 2032B, 2032C, 2032D, 2032E, 2032F, 2032G, 2032H, 2032I                                       |
| Standards:                | FCC CFR 47 Part 22H<br>FCC CFR 47 Part 24E<br>FCC CFR 47 Part 27                                    |
| Test method:              | ANSI C63.26:2015<br>ANSI/TIA-603-E-2016<br>KDB 971168 D01 Power Meas License Digital Systems v03r01 |
| Date of Test              |                                                                                                     |
| Date of test:             | 2023-01-06 ~ 2023-03-15                                                                             |
| Test result:              | Pass                                                                                                |

Test Engineer :

*David. Lee*

(David Lee)

Reviewed By :

*Leon Chen*

(Leon Chen)

Approved By :

*Tom Xue*

(Tom Xue)

## 1 General information

### 1.1 Feature of equipment under test (EUT)

|                              |                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name:                | Smart Health Watch                                                                                                                                                                                                                                                                                                                                                                                    |
| Model name:                  | 2032                                                                                                                                                                                                                                                                                                                                                                                                  |
| Serial model:                | 2032A, 2032B, 2032C, 2032D, 2032E, 2032F, 2032G, 2032H, 2032I                                                                                                                                                                                                                                                                                                                                         |
| Difference in series models: | All the models are the same circuit and module, except the model name.                                                                                                                                                                                                                                                                                                                                |
| Operating frequency range:   | GSM850: TX824.2MHz~848.8MHz<br>GSM1900: 1850.2 - 1909.8 MHz<br>WCDMA Band 2: 1852.4 - 1907.6MHz<br>WCDMA Band 4: 1712.4 - 1752.6MHz<br>WCDMA Band 5: 826.4 - 846.6MHz<br>LTE FDD Band 2: 1850.7 – 1909.3MHz<br>LTE FDD Band 4: 1710.7 – 1754.3MHz<br>LTE FDD Band 5: 824.7 – 848.3MHz<br>LTE FDD Band 7: 2502.5 – 2567.5MHz<br>LTE FDD Band 12: 699.7 – 715.3MHz<br>LTE FDD Band 17: 706.5 – 713.5MHz |
| Modulation type:             | GMSK for GSM/GPRS;<br>8PSK for EGPRS;<br>QPSK for WCDMA bands;<br>QPSK, 16QAM for LTE bands;                                                                                                                                                                                                                                                                                                          |
| Antenna type:                | PIFA Antenna                                                                                                                                                                                                                                                                                                                                                                                          |
| Antenna gain:                | GSM850 Gain: -10.3dBi<br>GSM1900 Gain: 1.2dBi<br>WCDMA Band 2 Gain: 1.2dBi<br>WCDMA Band 4 Gain: -1.5dBi<br>WCDMA Band 5 Gain: -10.3dBi<br>LTE FDD Band 2 Gain: 1.2dBi<br>LTE FDD Band 4 Gain: -1.5dBi<br>LTE FDD Band 5 Gain: -10.3dBi<br>LTE FDD Band 7 Gain: -2dBi<br>LTE FDD Band 12 Gain: -17dBi<br>LTE FDD Band 17 Gain: -16.5dBi                                                               |
| Power supply:                | Input: DC 5V/0.4A<br>Battery: DC 3.8V 580mAh                                                                                                                                                                                                                                                                                                                                                          |
| Accessories:                 | Cable: Magnetic USB Charger cable(40cm)                                                                                                                                                                                                                                                                                                                                                               |
| Hardware Version:            | ZW009_MB_V1.0                                                                                                                                                                                                                                                                                                                                                                                         |
| Software Version:            | JC2032_CN_V41                                                                                                                                                                                                                                                                                                                                                                                         |
| EUT serial number:           | MTi221108011-25S1001                                                                                                                                                                                                                                                                                                                                                                                  |



## 1.2 Test frequency channel

| Frequency Band | Frequency | Channel | Frequency(MHz) |
|----------------|-----------|---------|----------------|
| GSM 850        | Low       | 128     | 824.2          |
|                | Middle    | 190     | 836.6          |
|                | High      | 251     | 848.8          |
| GSM 1900       | Low       | 512     | 1850.2         |
|                | Middle    | 661     | 1880           |
|                | High      | 810     | 1909.8         |

|               |        |      |        |
|---------------|--------|------|--------|
| WCDMA Band II | Low    | 9262 | 1852.4 |
|               | Middle | 9400 | 1880   |
|               | High   | 9538 | 1907.6 |
| WCDMA Band IV | Low    | 1312 | 1712.4 |
|               | Middle | 1413 | 1732.6 |
|               | High   | 1513 | 1752.6 |
| WCDMA Band V  | Low    | 4132 | 826.4  |
|               | Middle | 4183 | 836.6  |
|               | High   | 4233 | 846.6  |

| LTE Band   | Channel | Channel Bandwidth (MHz) | Channel No. | Frequency (MHz) |
|------------|---------|-------------------------|-------------|-----------------|
| LTE Band 2 | Low     | 1.4                     | 18607       | 1850.7          |
|            |         | 3                       | 18615       | 1851.5          |
|            |         | 5                       | 18625       | 1852.5          |
|            |         | 10                      | 18650       | 1855            |
|            |         | 15                      | 18675       | 1857.5          |
|            |         | 20                      | 18700       | 1860            |
|            | Middle  | 1.4/3/5/10/15/20        | 18900       | 1880            |
|            | High    | 1.4                     | 19193       | 1909.3          |
|            |         | 3                       | 19185       | 1908.5          |
|            |         | 5                       | 19175       | 1907.5          |
|            |         | 10                      | 19150       | 1905            |
|            |         | 15                      | 19125       | 1902.5          |
|            |         | 20                      | 19100       | 1900            |



|            |            |                  |       |        |
|------------|------------|------------------|-------|--------|
| LTE Band 4 | Low        | 1.4              | 19957 | 1710.7 |
|            |            | 3                | 19965 | 1711.5 |
|            |            | 5                | 19975 | 1712.5 |
|            |            | 10               | 20000 | 1715   |
|            |            | 15               | 20025 | 1717.5 |
|            |            | 20               | 20050 | 1720   |
|            | Middle     | 1.4/3/5/10/15/20 | 20175 | 1732.5 |
|            | High       | 1.4              | 20393 | 1754.3 |
|            |            | 3                | 20385 | 1753.5 |
|            |            | 5                | 20375 | 1752.5 |
|            |            | 10               | 20350 | 1750   |
|            |            | 15               | 20325 | 1747.5 |
|            |            | 20               | 20300 | 1745   |
| LTE Band 5 | Low        | 1.4              | 20407 | 824.7  |
|            |            | 3                | 20415 | 825.5  |
|            |            | 5                | 20425 | 826.5  |
|            |            | 10               | 20450 | 829    |
|            | Middle     | 1.4/3/5/10       | 20525 | 836.5  |
|            | High       | 1.4              | 20643 | 848.3  |
|            |            | 3                | 20635 | 847.5  |
|            |            | 5                | 20625 | 846.5  |
|            |            | 10               | 20600 | 844    |
|            | LTE Band 7 | Low              | 5     | 20775  |
| 10         |            |                  | 20800 | 2505   |
| 15         |            |                  | 20825 | 2507.5 |
| 20         |            |                  | 20850 | 2510   |
| Middle     |            | 5/10/15/20       | 21100 | 2535   |
| High       |            | 5                | 21425 | 2567.5 |
|            |            | 10               | 21400 | 2565   |
|            |            | 15               | 21375 | 2562.5 |
|            | 20         | 21350            | 2560  |        |



|                |        |            |       |       |
|----------------|--------|------------|-------|-------|
| LTE Band<br>12 | Low    | 1.4        | 23017 | 699.7 |
|                |        | 3          | 23025 | 700.5 |
|                |        | 5          | 23035 | 701.5 |
|                |        | 10         | 23060 | 704   |
|                | Middle | 1.4/3/5/10 | 23095 | 707.5 |
|                | High   | 1.4        | 23173 | 715.3 |
|                |        | 3          | 23165 | 714.5 |
|                |        | 5          | 23155 | 713.5 |
|                |        | 10         | 23130 | 711   |
| LTE Band<br>17 | Low    | 5          | 23755 | 706.5 |
|                |        | 10         | 23780 | 709   |
|                | Middle | 5/10       | 23790 | 710   |
|                | High   | 5          | 23825 | 713.5 |
|                |        | 10         | 23800 | 711   |



### 1.3 EUT operation mode

|          |                                                                                                                                                                                                                               |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GSM 850  | During testing, RF test program provided by the manufacture to control the Tx operation followed the test requirement. The EUT is configured to transmit continuously (duty cycle > 98 %) at the maximum power control level. |
| GSM 1900 | During testing, RF test program provided by the manufacture to control the Tx operation followed the test requirement. The EUT is configured to transmit continuously (duty cycle > 98 %) at the maximum power control level. |

|               |                                                                                                                                                                                                                               |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WCDMA Band II | During testing, RF test program provided by the manufacture to control the Tx operation followed the test requirement. The EUT is configured to transmit continuously (duty cycle > 98 %) at the maximum power control level. |
| WCDMA Band IV | During testing, RF test program provided by the manufacture to control the Tx operation followed the test requirement. The EUT is configured to transmit continuously (duty cycle > 98 %) at the maximum power control level. |
| WCDMA Band V  | During testing, RF test program provided by the manufacture to control the Tx operation followed the test requirement. The EUT is configured to transmit continuously (duty cycle > 98 %) at the maximum power control level. |

|             |                                                                                                                                                             |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LTE band 2  | Keep the EUT in data communicating mode on LTE band2.<br>(LTE band2(1.4MHz), LTE band2(3MHz), LTE band2(5MHz), LTE band2(10MHz), band2(15MHz), band2(20MHz) |
| LTE band 4  | Keep the EUT in data communicating mode on LTE band4.<br>(LTE band4(1.4MHz), LTE band4(3MHz), LTE band4(5MHz), LTE band4(10MHz), band4(15MHz), band4(20MHz) |
| LTE band 5  | Keep the EUT in data communicating mode on LTE band5.<br>(LTE band5(1.4MHz), LTE band5(3MHz), LTE band5(5MHz), LTE band5(10MHz)                             |
| LTE band 7  | Keep the EUT in data communicating mode on LTE band7.<br>(LTE band7(5MHz), LTE band7(10MHz), LTE band7(15MHz), LTE band7(20MHz)                             |
| LTE band 12 | Keep the EUT in data communicating mode on LTE band12.<br>(LTE band12(1.4MHz), LTE band12(3MHz), LTE band12(5MHz), LTE band12(10MHz)                        |
| LTE band 17 | Keep the EUT in data communicating mode on LTE band17.<br>(LTE band17(5MHz), LTE band17(10MHz)                                                              |

Note: Only the worst case data were shown in the report.

### 1.4 Ancillary equipment list

| Equipment | Model | S/N | Manufacturer | Certificate type |
|-----------|-------|-----|--------------|------------------|
| /         | /     | /   | /            | /                |



## 2 Summary of test results

| Item | FCC Part No.                                                                                                                           | Description of Test                              | Result |
|------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------|
| 1    | part2.1046<br>Part 22.913(a)(2)<br>Part 24.232(c)<br>Part 27.50 (c)(10)<br>Part 27.50 (d)(4)<br>Part 27.50 (h)(2)                      | RF Output Power                                  | Pass   |
| 2    | Part 22.913(a)<br>Part 24.232(c)<br>Part 27.50(h)(2)<br>Part 27.50(b)(10)<br>Part 27.50(c)(10)<br>Part 27.50(d)(4)<br>Part 27.50(a)(3) | Radiated Power (ERP/EIRP)                        | Pass   |
| 3    | Part 22.913(a)<br>Part 24.232(c)<br>Part 27.50(d)(5)                                                                                   | Peak-to-Average Ratio                            | Pass   |
| 4    | Part 2.1049<br>Part 22.917(b)<br>Part 24.238(b)<br>Part 27.53(g)<br>Part 27.53(h)<br>Part 27.53(m)                                     | 99% and -26 dB Occupied Bandwidth                | Pass   |
| 5    | part 2.1051<br>part 22.917(a);<br>part 24.238(a)<br>part 27.53 (g)(h)                                                                  | Spurious emissions at antenna terminals          | Pass   |
| 6    | part 2.1051<br>part 22.917(b);<br>part 24.238(b)<br>part 27.53(c)(2)(4)<br>part 27.53(g)<br>part 27.53(h)                              | Band edge at antenna terminals                   | Pass   |
| 7    | Part 2.1053<br>Part 22.917(a)<br>Part 24.238(a)<br>Part 27.53 (g)<br>Part 27.53 (h)<br>Part 27.53(m)                                   | Field strength of spurious radiation measurement | Pass   |
| 8    | Part 22.355<br>Part 24.235<br>Part 27.54<br>Part 2.1055(a)(1)(b)<br>Part 2.1055(d)(2)                                                  | Frequency Stability for Temperature & Voltage    | Pass   |

### 3 Test facilities and accreditations

#### 3.1 Test laboratory

|                       |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Test Laboratory       | Shenzhen Microtest Co., Ltd                                                                                                            |
| Location              | 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China. |
| FCC Registration No.: | 448573                                                                                                                                 |

#### 3.2 Environmental conditions

|                      |              |
|----------------------|--------------|
| Temperature:         | 15°C~35°C    |
| Humidity             | 20%~75%      |
| Atmospheric pressure | 98kPa~101kPa |

#### 3.3 Measurement uncertainty

Measurement Uncertainty for a Level of Confidence of 95 %,  $U=2 \times U_c(y)$

|                                  |                      |
|----------------------------------|----------------------|
| RF frequency                     | 1 x 10 <sup>-7</sup> |
| RF power, conducted              | ± 1 dB               |
| Conducted emission(150kHz~30MHz) | ± 2.5 dB             |
| Radiated emission(30MHz~1GHz)    | ± 4.2 dB             |
| Radiated emission (above 1GHz)   | ± 4.3 dB             |
| Temperature                      | ±1 degree            |
| Humidity                         | ± 5 %                |

#### 3.4 Test software

| Software Name | Manufacturer                 | Model    | Version    |
|---------------|------------------------------|----------|------------|
| LTE           | Shenzhen JS tonscond co.,ltd | JS1120-1 | 2.6.8.0518 |

## 4 LIST OF TEST EQUIPMENT

| Equipment No.                                                                                                                                         | Equipment Name                       | Manufacturer    | Model       | Serial No.     | Calibration date | Due date   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|-------------|----------------|------------------|------------|
| MTI-E043                                                                                                                                              | EMI Test Receiver                    | Rohde&schwarz   | ESCI7       | 101166         | 2022/05/05       | 2023/05/04 |
| MTI-E044                                                                                                                                              | TRILOG Broadband Antenna             | schwarzbeck     | VULB 9163   | 9163-1338      | 2021/05/30       | 2023/05/29 |
| MTI-E047                                                                                                                                              | Amplifier                            | Hewlett-Packard | 8447F       | 3113A06150     | 2022/05/05       | 2023/05/04 |
| MTI-E089                                                                                                                                              | ESG Vector Signal Generator          | Agilent         | N5182A      | MY49060455     | 2022/05/05       | 2023/05/04 |
| MTI-E058                                                                                                                                              | ESG Series Analog Signal Generator   | Agilent         | E4421B      | GB40051240     | 2022/05/05       | 2023/05/04 |
| MTI-E062                                                                                                                                              | PXA Signal Analyzer                  | Agilent         | N9030A      | MY51350296     | 2022/05/05       | 2023/05/04 |
| MTI-E066                                                                                                                                              | MXA Signal Analyzer                  | Agilent         | N9020A      | MY50143483     | 2022/05/05       | 2023/05/04 |
| MTI-E078                                                                                                                                              | Synthesized Sweeper                  | Agilent         | 83752A      | 3610A01957     | 2022/05/05       | 2023/05/04 |
| MTI-E079                                                                                                                                              | DC Power Supply                      | Agilent         | E3632A      | MY40027695     | 2022/05/05       | 2023/05/04 |
| MTI-E045                                                                                                                                              | Double Ridged Broadband Horn Antenna | schwarzbeck     | BBHA 9120D  | 9120D-2278     | 2021/05/30       | 2023/05/29 |
| MTI-E021                                                                                                                                              | EMI Test Receiver                    | Rohde&schwarz   | ESCS30      | 100210         | 2022/05/05       | 2023/05/04 |
| MTI-E022                                                                                                                                              | Pulse Limiter                        | Schwarzbeck     | VSTD 9561-F | 00679          | 2022/05/05       | 2023/05/04 |
| MTI-E023                                                                                                                                              | Artificial mains network             | Schwarzbeck     | NSLK 8127   | NSLK 8127 #841 | 2022/05/05       | 2023/05/04 |
| MTI-E046                                                                                                                                              | Active Loop Antenna                  | Schwarzbeck     | FMZB 1519B  | 00044          | 2021/05/30       | 2023/05/29 |
| MTI-E048                                                                                                                                              | Amplifier                            | Agilent         | 8449B       | 3008A02400     | 2022/05/05       | 2023/05/04 |
| MTI-E072                                                                                                                                              | Thermometer Clock Humidity Monitor   | -               | HTC-1       | /              | 2022/05/05       | 2023/05/04 |
| MTI-E057                                                                                                                                              | Wideband Radio Communication Tester  | Rohde&schwarz   | CMW500      | 149155         | 2022/05/05       | 2023/05/04 |
| Note: the calibration interval of the above test instruments is 12 or 24 months and the calibrations are traceable to international system unit (SI). |                                      |                 |             |                |                  |            |

## 5 Test result

### 5.1 RF output power

#### 5.1.1 Limit

For FCC Part 22.913(a)(2):

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

For FCC Part 24.232(c):

The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 Watts.

For FCC Part 27.50(d):

The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 1 Watt.

For FCC Part 27.50(c):

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 3 Watts.

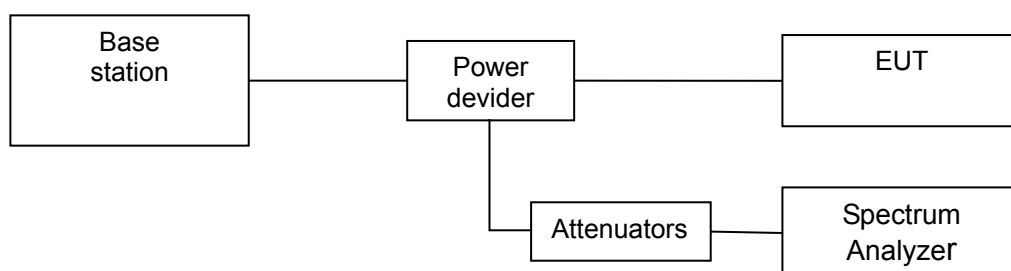
For FCC Part 27.50(a)(3):

For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

#### 5.1.2 Test procedure

- 1) The EUT's RF output port was connected to base station.
- 2) A call is set up by the SS according to the generic call set up procedure.
- 3) Set EUT at maximum power level through base station by power level command.
- 4) Measure the maximum output power of EUT at each frequency band and mode by base station.
- 5) The EUT was set up for the max output power with pseudo random data modulation.
- 6) These measurements were done at 3 frequencies (bottom, middle and top of operational frequency range) for each bandwidth.

#### 5.1.3 Test setup



#### 5.1.4 Test results

The following table shows the conducted power measured:

##### GSM850/GSM1900

| Band    | Channel | Power(dBm) | Limit(dBm) | Verdict |
|---------|---------|------------|------------|---------|
| GSM850  | 128     | 30.44      | 38.5       | PASS    |
| GSM850  | 190     | 30.75      | 38.5       | PASS    |
| GSM850  | 251     | 30.99      | 38.5       | PASS    |
| GSM1900 | 512     | 29.01      | 33         | PASS    |
| GSM1900 | 661     | 29.14      | 33         | PASS    |
| GSM1900 | 810     | 29.02      | 33         | PASS    |

##### GPRS850/GPRS1900

| Band     | Channel | Slot | Power(dBm) | Limit(dBm) | Verdict |
|----------|---------|------|------------|------------|---------|
| GPRS850  | 128     | 1    | 28.57      | 38.5       | PASS    |
| GPRS850  | 128     | 2    | 27.42      | 38.5       | PASS    |
| GPRS850  | 128     | 3    | 25.96      | 38.5       | PASS    |
| GPRS850  | 128     | 4    | 23.84      | 38.5       | PASS    |
| GPRS850  | 190     | 1    | 29.22      | 38.5       | PASS    |
| GPRS850  | 190     | 2    | 27.93      | 38.5       | PASS    |
| GPRS850  | 190     | 3    | 26.49      | 38.5       | PASS    |
| GPRS850  | 190     | 4    | 24.36      | 38.5       | PASS    |
| GPRS850  | 251     | 1    | 29.67      | 38.5       | PASS    |
| GPRS850  | 251     | 2    | 28.37      | 38.5       | PASS    |
| GPRS850  | 251     | 3    | 26.94      | 38.5       | PASS    |
| GPRS850  | 251     | 4    | 24.80      | 38.5       | PASS    |
| GPRS1900 | 512     | 1    | 28.96      | 33         | PASS    |
| GPRS1900 | 512     | 2    | 26.95      | 33         | PASS    |
| GPRS1900 | 512     | 3    | 25.45      | 33         | PASS    |
| GPRS1900 | 512     | 4    | 23.18      | 33         | PASS    |
| GPRS1900 | 661     | 1    | 29.09      | 33         | PASS    |
| GPRS1900 | 661     | 2    | 26.78      | 33         | PASS    |
| GPRS1900 | 661     | 3    | 25.26      | 33         | PASS    |
| GPRS1900 | 661     | 4    | 23.01      | 33         | PASS    |
| GPRS1900 | 810     | 1    | 28.88      | 33         | PASS    |
| GPRS1900 | 810     | 2    | 26.36      | 33         | PASS    |
| GPRS1900 | 810     | 3    | 24.80      | 33         | PASS    |



|          |     |   |       |    |      |
|----------|-----|---|-------|----|------|
| GPRS1900 | 810 | 4 | 22.54 | 33 | PASS |
|----------|-----|---|-------|----|------|

#### EGPRS850/EGPRS1900

| Band      | Channel | Slot | Power(dBm) | Limit(dBm) | Verdict |
|-----------|---------|------|------------|------------|---------|
| EGPRS850  | 128     | 1    | 24.33      | 38.5       | PASS    |
| EGPRS850  | 128     | 2    | 23.24      | 38.5       | PASS    |
| EGPRS850  | 128     | 3    | 20.61      | 38.5       | PASS    |
| EGPRS850  | 128     | 4    | 18.75      | 38.5       | PASS    |
| EGPRS850  | 190     | 1    | 24.85      | 38.5       | PASS    |
| EGPRS850  | 190     | 2    | 23.82      | 38.5       | PASS    |
| EGPRS850  | 190     | 3    | 21.26      | 38.5       | PASS    |
| EGPRS850  | 190     | 4    | 19.38      | 38.5       | PASS    |
| EGPRS850  | 251     | 1    | 25.02      | 38.5       | PASS    |
| EGPRS850  | 251     | 2    | 23.94      | 38.5       | PASS    |
| EGPRS850  | 251     | 3    | 21.38      | 38.5       | PASS    |
| EGPRS850  | 251     | 4    | 19.58      | 38.5       | PASS    |
| EGPRS1900 | 512     | 1    | 24.81      | 33         | PASS    |
| EGPRS1900 | 512     | 2    | 23.02      | 33         | PASS    |
| EGPRS1900 | 512     | 3    | 20.02      | 33         | PASS    |
| EGPRS1900 | 512     | 4    | 17.72      | 33         | PASS    |
| EGPRS1900 | 661     | 1    | 25.10      | 33         | PASS    |
| EGPRS1900 | 661     | 2    | 23.61      | 33         | PASS    |
| EGPRS1900 | 661     | 3    | 20.92      | 33         | PASS    |
| EGPRS1900 | 661     | 4    | 18.70      | 33         | PASS    |
| EGPRS1900 | 810     | 1    | 24.39      | 33         | PASS    |
| EGPRS1900 | 810     | 2    | 22.67      | 33         | PASS    |
| EGPRS1900 | 810     | 3    | 19.90      | 33         | PASS    |
| EGPRS1900 | 810     | 4    | 17.64      | 33         | PASS    |

#### WCDMA

##### RMC

| Band  | Channel | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|------------|------------|---------|
| Band2 | 9262    | 22.22      | 33         | PASS    |
| Band2 | 9400    | 22.32      | 33         | PASS    |
| Band2 | 9538    | 22.25      | 33         | PASS    |
| Band4 | 1312    | 22.10      | 30         | PASS    |
| Band4 | 1413    | 22.14      | 30         | PASS    |



|       |      |       |      |      |
|-------|------|-------|------|------|
| Band4 | 1513 | 22.19 | 30   | PASS |
| Band5 | 4132 | 21.73 | 38.5 | PASS |
| Band5 | 4183 | 21.87 | 38.5 | PASS |
| Band5 | 4233 | 22.23 | 38.5 | PASS |

#### HSUPA

| Band  | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|------------|---------|
| Band2 | 9262    | 1       | 21.77      | 33         | PASS    |
| Band2 | 9262    | 2       | 21.43      | 33         | PASS    |
| Band2 | 9262    | 3       | 21.26      | 33         | PASS    |
| Band2 | 9262    | 4       | 21.25      | 33         | PASS    |
| Band2 | 9400    | 1       | 21.67      | 33         | PASS    |
| Band2 | 9400    | 2       | 21.29      | 33         | PASS    |
| Band2 | 9400    | 3       | 21.05      | 33         | PASS    |
| Band2 | 9400    | 4       | 21.10      | 33         | PASS    |
| Band2 | 9538    | 1       | 21.71      | 33         | PASS    |
| Band2 | 9538    | 2       | 21.26      | 33         | PASS    |
| Band2 | 9538    | 3       | 21.03      | 33         | PASS    |
| Band2 | 9538    | 4       | 21.05      | 33         | PASS    |
| Band4 | 1312    | 1       | 19.94      | 30         | PASS    |
| Band4 | 1312    | 2       | 20.23      | 30         | PASS    |
| Band4 | 1312    | 3       | 20.24      | 30         | PASS    |
| Band4 | 1312    | 4       | 20.36      | 30         | PASS    |
| Band4 | 1413    | 1       | 20.62      | 30         | PASS    |
| Band4 | 1413    | 2       | 20.84      | 30         | PASS    |
| Band4 | 1413    | 3       | 20.85      | 30         | PASS    |
| Band4 | 1413    | 4       | 20.93      | 30         | PASS    |
| Band4 | 1513    | 1       | 20.22      | 30         | PASS    |
| Band4 | 1513    | 2       | 20.44      | 30         | PASS    |
| Band4 | 1513    | 3       | 20.45      | 30         | PASS    |
| Band4 | 1513    | 4       | 20.53      | 30         | PASS    |
| Band5 | 4132    | 1       | 20.19      | 38.5       | PASS    |
| Band5 | 4132    | 2       | 20.03      | 38.5       | PASS    |
| Band5 | 4132    | 3       | 19.67      | 38.5       | PASS    |
| Band5 | 4132    | 4       | 19.73      | 38.5       | PASS    |
| Band5 | 4183    | 1       | 21.14      | 38.5       | PASS    |
| Band5 | 4183    | 2       | 20.82      | 38.5       | PASS    |
| Band5 | 4183    | 3       | 20.52      | 38.5       | PASS    |
| Band5 | 4183    | 4       | 20.55      | 38.5       | PASS    |
| Band5 | 4233    | 1       | 21.97      | 38.5       | PASS    |
| Band5 | 4233    | 2       | 21.70      | 38.5       | PASS    |

|       |      |   |       |      |      |
|-------|------|---|-------|------|------|
| Band5 | 4233 | 3 | 21.29 | 38.5 | PASS |
| Band5 | 4233 | 4 | 21.30 | 38.5 | PASS |

**HSDPA**

| Band  | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
|-------|---------|---------|------------|------------|---------|
| Band2 | 9262    | 1       | 17.93      | 33         | PASS    |
| Band2 | 9262    | 2       | 20.01      | 33         | PASS    |
| Band2 | 9262    | 3       | 19.91      | 33         | PASS    |
| Band2 | 9262    | 4       | 20.04      | 33         | PASS    |
| Band2 | 9262    | 5       | 21.77      | 33         | PASS    |
| Band2 | 9400    | 1       | 19.36      | 33         | PASS    |
| Band2 | 9400    | 2       | 19.62      | 33         | PASS    |
| Band2 | 9400    | 3       | 19.26      | 33         | PASS    |
| Band2 | 9400    | 4       | 19.68      | 33         | PASS    |
| Band2 | 9400    | 5       | 21.62      | 33         | PASS    |
| Band2 | 9538    | 1       | 18.87      | 33         | PASS    |
| Band2 | 9538    | 2       | 19.59      | 33         | PASS    |
| Band2 | 9538    | 3       | 19.24      | 33         | PASS    |
| Band2 | 9538    | 4       | 19.67      | 33         | PASS    |
| Band2 | 9538    | 5       | 21.58      | 33         | PASS    |
| Band4 | 1312    | 1       | 19.67      | 30         | PASS    |
| Band4 | 1312    | 2       | 20.52      | 30         | PASS    |
| Band4 | 1312    | 3       | 20.63      | 30         | PASS    |
| Band4 | 1312    | 4       | 20.94      | 30         | PASS    |
| Band4 | 1312    | 5       | 20.86      | 30         | PASS    |
| Band4 | 1413    | 1       | 20.38      | 30         | PASS    |
| Band4 | 1413    | 2       | 20.90      | 30         | PASS    |
| Band4 | 1413    | 3       | 20.87      | 30         | PASS    |
| Band4 | 1413    | 4       | 21.24      | 30         | PASS    |
| Band4 | 1413    | 5       | 21.34      | 30         | PASS    |
| Band4 | 1513    | 1       | 19.93      | 30         | PASS    |
| Band4 | 1513    | 2       | 20.50      | 30         | PASS    |
| Band4 | 1513    | 3       | 20.44      | 30         | PASS    |



|       |      |   |       |      |      |
|-------|------|---|-------|------|------|
| Band4 | 1513 | 4 | 19.96 | 30   | PASS |
| Band4 | 1513 | 5 | 20.98 | 30   | PASS |
| Band5 | 4132 | 1 | 18.39 | 38.5 | PASS |
| Band5 | 4132 | 2 | 19.33 | 38.5 | PASS |
| Band5 | 4132 | 3 | 19.01 | 38.5 | PASS |
| Band5 | 4132 | 4 | 18.89 | 38.5 | PASS |
| Band5 | 4132 | 5 | 20.21 | 38.5 | PASS |
| Band5 | 4183 | 1 | 19.27 | 38.5 | PASS |
| Band5 | 4183 | 2 | 19.97 | 38.5 | PASS |
| Band5 | 4183 | 3 | 19.44 | 38.5 | PASS |
| Band5 | 4183 | 4 | 19.55 | 38.5 | PASS |
| Band5 | 4183 | 5 | 21.14 | 38.5 | PASS |
| Band5 | 4233 | 1 | 20.11 | 38.5 | PASS |
| Band5 | 4233 | 2 | 20.74 | 38.5 | PASS |
| Band5 | 4233 | 3 | 20.28 | 38.5 | PASS |
| Band5 | 4233 | 4 | 19.39 | 38.5 | PASS |
| Band5 | 4233 | 5 | 21.85 | 38.5 | PASS |

**LTE:**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 22.91       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 23.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 23.01       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 23.05       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 23.01       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 23.03       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 21.86       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 23.02       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 23.05       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 23.08       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 23.19       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 23.14       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 23.26       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 22.14       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 22.98       | PASS    |



|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band2 | 1.4MHz | QPSK  | 19193 | 1RB#2  | 22.96 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 1RB#5  | 22.98 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 3RB#0  | 23.17 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 3RB#1  | 23.15 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 3RB#3  | 23.15 | PASS |
| Band2 | 1.4MHz | QPSK  | 19193 | 6RB#0  | 22.14 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0  | 22.62 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#2  | 22.64 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5  | 22.20 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 3RB#0  | 21.66 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 3RB#1  | 21.63 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 3RB#3  | 21.77 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0  | 21.04 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#0  | 22.16 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#2  | 21.95 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#5  | 21.94 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#0  | 22.06 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#1  | 22.07 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#3  | 22.10 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0  | 21.03 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0  | 22.45 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 22.06 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 22.49 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 21.94 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 22.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 22.24 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 21.25 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 24.08 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 24.16 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 24.13 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 23.20 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 23.21 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 23.17 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 23.25 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 24.20 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 24.19 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 24.26 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 23.22 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 23.27 | PASS |



|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band2 | 3MHz | QPSK  | 18900 | 8RB#7   | 23.19 | PASS |
| Band2 | 3MHz | QPSK  | 18900 | 15RB#0  | 23.39 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#0   | 23.72 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#8   | 23.72 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#14  | 23.71 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#0   | 22.78 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#4   | 22.73 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#7   | 22.78 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 15RB#0  | 22.80 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#0   | 23.09 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#8   | 23.04 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#14  | 23.10 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#0   | 22.39 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#4   | 22.32 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#7   | 22.28 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0  | 22.33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#0   | 23.14 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8   | 23.08 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 23.09 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 22.40 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 22.44 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 22.42 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 22.25 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 22.69 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 22.79 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 22.75 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 21.83 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 21.82 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 21.77 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 21.79 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 24.13 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 24.20 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 24.21 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 23.18 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 23.19 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 23.32 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 23.27 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 24.13 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 24.13 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#24  | 24.13 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 12RB#0  | 23.29 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 12RB#6  | 23.37 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 12RB#13 | 23.39 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 25RB#0  | 23.32 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#0   | 23.90 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#12  | 23.92 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#24  | 23.94 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#0  | 22.80 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#6  | 22.83 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 12RB#13 | 22.82 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 25RB#0  | 22.80 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#0   | 22.67 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#12  | 22.70 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#24  | 22.62 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#0  | 22.26 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#6  | 22.27 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#13 | 22.29 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 22.38 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 23.47 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 23.46 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 23.46 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 22.38 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 22.39 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 22.36 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 22.45 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 22.59 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 22.63 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 22.62 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 21.77 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 21.75 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 21.70 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 21.85 | PASS |
| Band2 | 10MHz | QPSK  | 18625 | 1RB#0   | 23.95 | PASS |
| Band2 | 10MHz | QPSK  | 18625 | 1RB#24  | 24.21 | PASS |
| Band2 | 10MHz | QPSK  | 18625 | 1RB#49  | 24.32 | PASS |
| Band2 | 10MHz | QPSK  | 18625 | 25RB#0  | 23.28 | PASS |
| Band2 | 10MHz | QPSK  | 18625 | 25RB#12 | 23.23 | PASS |
| Band2 | 10MHz | QPSK  | 18625 | 25RB#25 | 23.38 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 10MHz | QPSK  | 18625 | 50RB#0  | 23.24 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 24.19 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 24.20 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 24.23 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 23.43 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 23.40 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 23.33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 23.35 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 1RB#0   | 23.72 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 1RB#24  | 23.69 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 1RB#49  | 23.66 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 25RB#0  | 22.79 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 25RB#12 | 22.92 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 25RB#25 | 22.83 | PASS |
| Band2 | 10MHz | QPSK  | 19175 | 50RB#0  | 22.78 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 1RB#0   | 23.15 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 1RB#24  | 23.28 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 1RB#49  | 23.34 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 25RB#0  | 22.26 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 25RB#12 | 22.26 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 25RB#25 | 22.37 | PASS |
| Band2 | 10MHz | 16QAM | 18625 | 50RB#0  | 22.28 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 23.32 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 23.30 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 23.27 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 22.50 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 22.50 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 22.51 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 22.41 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 1RB#0   | 23.19 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 1RB#24  | 23.23 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 1RB#49  | 23.21 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 25RB#0  | 22.00 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 25RB#12 | 21.99 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 25RB#25 | 21.97 | PASS |
| Band2 | 10MHz | 16QAM | 19175 | 50RB#0  | 21.94 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 24.13 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 24.33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 24.36 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 23.34 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 23.39 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 23.28 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 23.28 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 24.16 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 24.16 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 24.15 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 23.17 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 23.21 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 23.20 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 23.21 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 24.03 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 23.72 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 23.74 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 22.87 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 22.89 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 22.89 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 22.89 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 23.28 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 23.29 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 23.37 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 23.38 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 23.39 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 23.28 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 22.39 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 23.38 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 23.33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 23.34 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 23.21 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 23.21 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 23.21 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 22.33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 23.48 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 23.23 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 23.22 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 22.88 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 22.89 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 22.89 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 21.95 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 24.44 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 24.41 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 24.59 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 23.24 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 23.34 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 23.43 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 23.33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 24.44 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 24.33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 24.40 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 23.35 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 23.39 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 23.24 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 23.25 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 24.09 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 23.82 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 23.85 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 22.94 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 22.97 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 22.87 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 22.84 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 23.27 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 23.41 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 23.50 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#0  | 22.43 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 22.46 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 22.56 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 22.42 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 23.66 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 23.53 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 23.60 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#0  | 22.43 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#25 | 22.43 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#50 | 22.35 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 22.46 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 22.93 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 22.67 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 22.76 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#0  | 22.12 | PASS |



|       |        |       |       |         |       |      |
|-------|--------|-------|-------|---------|-------|------|
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#25 | 22.13 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#50 | 22.02 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 21.96 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#0   | 21.85 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#2   | 22.79 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#5   | 22.85 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#0   | 22.84 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#1   | 22.88 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#3   | 22.83 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | 21.90 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#0   | 22.90 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#2   | 22.94 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#5   | 23.01 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#0   | 22.85 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#1   | 22.86 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#3   | 22.88 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0   | 21.89 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0   | 22.85 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#2   | 23.02 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#5   | 22.98 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#0   | 22.92 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1   | 22.94 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3   | 22.90 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0   | 21.88 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0   | 21.49 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2   | 21.55 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5   | 21.47 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0   | 21.83 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1   | 21.45 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3   | 21.53 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0   | 20.82 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0   | 22.36 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2   | 21.73 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5   | 21.73 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0   | 21.57 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1   | 21.63 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3   | 21.58 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0   | 20.98 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0   | 22.50 | PASS |



|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.98 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 22.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 21.70 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 21.28 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.26 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.94 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 22.21 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 22.25 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 22.15 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.20 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.22 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.29 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 21.21 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.70 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.73 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.77 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.71 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.72 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.71 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.81 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 23.23 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 23.29 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 23.41 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 22.36 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 22.25 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 22.36 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 22.30 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 20.94 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 20.98 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 20.94 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 20.39 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 20.40 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 20.34 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 20.20 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 21.39 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 21.40 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#14 | 21.45 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#0  | 21.18 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 8RB#4  | 21.14 | PASS |



|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 20.99 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 20.73 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 22.36 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 22.39 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 22.43 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.44 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.46 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.45 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.37 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 22.08 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 22.09 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 22.26 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 21.26 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 21.28 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 21.34 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 21.25 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.61 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.78 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.83 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 21.66 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 21.68 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.90 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.84 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.31 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.47 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 23.59 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.25 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 22.36 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 22.33 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 22.39 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 20.55 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 20.53 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 20.68 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 20.19 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 20.20 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 20.31 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 20.32 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 21.82 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 21.95 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 22.08 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 21.07 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 21.04 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 21.01 | PASS |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 20.87 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 21.73 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 21.80 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 21.92 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.15 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.28 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.29 | PASS |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.36 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 21.71 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 22.70 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 22.55 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 21.77 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 21.75 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 21.81 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 21.79 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.76 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.98 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.04 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 21.73 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 21.88 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.86 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.85 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.07 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.96 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.90 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 21.93 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 21.97 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.01 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 21.89 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 21.12 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 21.21 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 21.27 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 20.24 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.22 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.30 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 20.14 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.50 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.75 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.81 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.04 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.04 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.07 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 20.91 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.68 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.84 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.98 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.21 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.14 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.29 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.45 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 22.19 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 22.30 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.46 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 21.37 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 21.35 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 21.35 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.35 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.40 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.64 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.87 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.77 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.77 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 21.78 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.75 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.98 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.21 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.46 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.14 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.16 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.16 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.15 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 21.17 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 21.17 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.42 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.36 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.35 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.35 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 20.33 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.67 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.87 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.13 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.77 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.78 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.78 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 20.89 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.65 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.87 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 23.07 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 22.16 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 22.16 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 22.16 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.19 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.32 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 22.47 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.76 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.22 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.20 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.45 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.37 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.56 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.93 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.26 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.75 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.76 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.93 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.89 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.00 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.17 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.45 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.96 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.04 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.17 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.15 | PASS |



|       |        |       |       |         |       |      |
|-------|--------|-------|-------|---------|-------|------|
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#0   | 20.95 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#49  | 20.98 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#99  | 21.34 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 50RB#0  | 20.34 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 50RB#25 | 20.33 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 50RB#50 | 20.53 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | 20.41 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#0   | 21.83 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#49  | 22.08 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#99  | 22.38 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 50RB#0  | 20.79 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 50RB#25 | 20.80 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 50RB#50 | 21.02 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | 20.98 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0   | 21.57 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#49  | 21.70 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#99  | 22.00 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 50RB#0  | 21.02 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 50RB#25 | 20.96 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 50RB#50 | 21.58 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | 21.05 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 21.33 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#2   | 22.30 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#5   | 22.28 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#0   | 22.24 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#1   | 22.32 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#3   | 22.33 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 21.21 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 22.40 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#2   | 22.32 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#5   | 22.42 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#0   | 22.38 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#1   | 22.36 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#3   | 22.35 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0   | 21.58 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | 22.82 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2   | 22.80 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5   | 22.85 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0   | 22.72 | PASS |



|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1  | 22.74 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3  | 22.90 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0  | 21.74 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0  | 21.00 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2  | 20.96 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5  | 21.10 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0  | 20.90 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1  | 20.93 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 20.92 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 20.48 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 21.27 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 21.97 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 21.52 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 21.32 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 21.17 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 21.23 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 20.52 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 21.89 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.42 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 22.10 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 21.33 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.46 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.58 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 20.86 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 22.98 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 22.97 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 22.96 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.06 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.21 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.10 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.36 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.21 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.18 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.26 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.17 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.26 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.27 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.27 | PASS |



|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band5 | 3MHz | QPSK  | 20635 | 1RB#8   | 23.22 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 1RB#14  | 23.37 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#0   | 22.26 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#4   | 22.28 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 8RB#7   | 22.26 | PASS |
| Band5 | 3MHz | QPSK  | 20635 | 15RB#0  | 22.23 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0   | 21.67 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8   | 21.67 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14  | 21.74 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0   | 21.17 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4   | 21.17 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7   | 21.25 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0  | 21.02 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 21.85 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 22.02 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 22.04 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 21.26 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 21.23 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 21.39 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.26 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.43 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.49 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.73 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.53 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.55 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.32 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.48 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.00 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.92 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.04 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.06 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.05 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.12 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.04 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.18 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 23.10 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.14 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.36 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.31 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 5MHz  | QPSK  | 20525 | 12RB#13 | 22.30 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0  | 22.32 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#0   | 23.48 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#12  | 23.34 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#24  | 23.47 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#0  | 22.36 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#6  | 22.35 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#13 | 22.32 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0  | 22.38 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 21.37 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 21.30 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 21.55 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 21.06 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 21.05 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 21.04 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 21.12 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.21 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.35 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.38 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.31 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 21.33 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 21.37 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 21.33 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.00 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.03 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.15 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.38 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.38 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.44 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.47 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.15 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.07 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.14 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.08 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.18 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.15 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.07 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.07 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.98 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.21 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.28 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.34 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.32 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.29 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.35 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.36 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.41 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.30 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.28 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.39 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.34 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.11 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.01 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.06 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.03 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.07 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.26 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.25 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.05 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.04 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.34 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.32 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.43 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.38 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.78 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.81 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.85 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.28 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.24 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.58 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.45 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#0   | 20.95 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#12  | 20.94 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#24  | 21.04 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#0  | 20.02 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#6  | 19.97 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#13 | 20.06 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 5MHz  | QPSK  | 20775 | 25RB#0  | 20.00 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#0   | 20.78 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#12  | 20.73 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#24  | 20.72 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#0  | 19.93 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#6  | 19.93 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#13 | 20.06 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0  | 20.02 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0   | 20.99 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#12  | 20.98 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#24  | 21.08 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#0  | 19.99 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 19.99 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 19.99 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 20.00 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0   | 19.51 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#12  | 19.56 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#24  | 19.60 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#0  | 19.18 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#6  | 19.14 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#13 | 19.12 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0  | 19.08 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0   | 19.91 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#12  | 20.21 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#24  | 19.89 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#0  | 19.16 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 19.14 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 19.08 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 18.95 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 19.53 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 19.92 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 19.99 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 18.98 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 18.88 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 19.04 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 19.03 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 19.27 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 19.26 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 19.30 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 18.38 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 18.51 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 18.41 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 18.41 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 19.39 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 19.40 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 19.45 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 18.34 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 18.35 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 18.46 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 18.51 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 19.35 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 19.39 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 19.47 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 18.59 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 18.67 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 18.61 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 18.59 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 18.50 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 18.41 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 18.48 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 17.42 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 17.42 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 17.44 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 17.52 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 18.31 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 18.33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 18.41 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 17.63 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 17.64 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 17.66 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 17.57 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 19.01 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 18.98 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 19.04 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 17.70 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 17.65 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 17.75 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 17.65 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 19.35 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 19.41 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 19.35 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 18.53 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 19.22 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 19.37 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 19.40 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 18.51 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 19.30 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 19.44 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 19.58 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 18.48 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 18.50 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 18.50 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 18.50 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 18.46 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 18.42 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 18.50 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 18.52 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 18.51 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 18.51 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 17.47 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 18.37 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 18.56 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 18.63 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 18.51 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 18.51 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 18.51 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 17.52 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 18.95 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 19.08 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 19.12 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 18.49 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 18.50 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 18.50 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 17.66 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 19.56 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 19.52 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 19.64 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 18.49 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 18.48 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 18.58 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 18.43 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 19.32 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 19.46 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 19.52 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 18.42 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 18.44 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 18.47 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 18.52 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 19.49 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 19.60 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 19.73 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 18.52 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 18.52 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 18.66 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 18.62 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 18.34 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 18.32 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 18.38 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 17.68 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 17.63 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 17.63 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.52 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 18.78 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 18.85 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 18.90 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 17.56 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 17.57 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 17.62 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.67 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 18.44 | PASS |



|        |        |       |       |         |       |      |
|--------|--------|-------|-------|---------|-------|------|
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#49  | 18.49 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#99  | 18.70 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#0  | 17.68 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#25 | 17.60 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#50 | 17.81 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 17.55 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 22.38 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#2   | 22.41 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#5   | 22.47 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#0   | 22.29 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#1   | 22.37 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#3   | 22.30 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 21.41 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 22.77 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#2   | 22.76 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#5   | 22.81 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#0   | 22.82 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#1   | 22.78 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#3   | 22.74 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 21.89 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | 22.75 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#2   | 22.85 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5   | 22.61 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#0   | 22.65 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#1   | 22.72 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#3   | 22.73 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | 21.76 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0   | 21.06 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2   | 21.01 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5   | 21.07 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0   | 21.13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1   | 21.11 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3   | 20.94 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | 20.37 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0   | 22.11 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2   | 21.77 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5   | 22.09 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0   | 21.56 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1   | 21.56 | PASS |



|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3  | 21.53 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0  | 20.91 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0  | 22.14 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2  | 21.94 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 22.15 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 21.26 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 21.29 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 21.09 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 21.24 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 20.90 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 20.83 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 20.88 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 19.93 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 19.93 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 19.86 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 19.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 21.04 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 21.18 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 20.97 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 19.74 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 19.76 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 19.97 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 20.06 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 20.84 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 20.89 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 20.87 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 20.07 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 19.96 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 19.91 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 19.91 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 19.59 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 19.50 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 19.61 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 19.03 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 19.03 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 19.16 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 18.96 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#0  | 19.59 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#8  | 19.61 | PASS |



|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14  | 19.59 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0   | 18.96 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4   | 18.99 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7   | 18.96 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0  | 18.77 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0   | 20.16 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8   | 20.04 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 19.94 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 19.09 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 19.10 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 18.97 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 19.00 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 20.82 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 20.88 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 20.84 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 20.00 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 19.84 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 19.88 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 19.96 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 20.83 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#12  | 20.46 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24  | 20.81 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#0  | 19.76 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#6  | 19.79 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#13 | 19.98 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0  | 20.03 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0   | 20.92 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#12  | 21.04 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24  | 20.99 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#0  | 19.97 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#6  | 19.99 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#13 | 19.86 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0  | 19.90 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0   | 19.28 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12  | 19.15 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24  | 19.49 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#0  | 18.89 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#6  | 18.92 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 19.14 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 19.19 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 19.94 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 19.97 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 20.19 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 18.89 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 18.86 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 18.99 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 18.91 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 19.62 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 19.62 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 19.54 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 18.95 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 18.78 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 18.95 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 19.04 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 20.74 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 20.87 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 21.02 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 19.86 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 19.93 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 19.83 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 20.14 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 20.87 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 20.91 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 20.91 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 19.81 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 19.95 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 19.99 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 20.03 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 20.90 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 20.84 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 20.85 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 20.07 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 20.13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 20.05 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 20.07 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 19.94 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 20.05 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 19.91 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 19.04 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 19.06 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 18.82 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 19.11 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 19.56 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 19.63 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 19.70 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 19.10 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 19.01 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 19.18 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 19.04 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 20.44 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 20.51 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 20.27 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 18.91 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 18.90 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 19.19 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 19.01 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#0   | 22.49 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#12  | 22.54 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#24  | 22.75 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#0  | 21.58 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#6  | 21.75 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#13 | 21.83 | PASS |
| Band17 | 5MHz  | QPSK  | 23755 | 25RB#0  | 21.62 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#0   | 22.91 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#12  | 22.84 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#24  | 22.90 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#0  | 21.83 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#6  | 21.93 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#13 | 21.86 | PASS |
| Band17 | 5MHz  | QPSK  | 23790 | 25RB#0  | 22.08 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#0   | 22.77 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#12  | 22.76 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#24  | 22.69 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#0  | 22.01 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#6  | 22.12 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#13 | 21.84 | PASS |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0  | 21.79 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#0   | 21.63 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#12  | 21.53 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#24  | 21.96 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#0  | 20.70 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#6  | 20.66 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#13 | 20.82 | PASS |
| Band17 | 5MHz  | 16QAM | 23755 | 25RB#0  | 20.75 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#0   | 21.46 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#12  | 21.70 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#24  | 21.72 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#0  | 20.79 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#6  | 20.71 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#13 | 20.83 | PASS |
| Band17 | 5MHz  | 16QAM | 23790 | 25RB#0  | 21.08 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0   | 21.14 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#12  | 21.23 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#24  | 20.98 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#0  | 20.91 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#6  | 20.91 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#13 | 20.94 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 21.10 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0   | 20.86 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#24  | 20.88 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#49  | 20.81 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#0  | 19.80 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#12 | 19.80 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#25 | 19.97 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 20.09 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0   | 21.06 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#24  | 20.96 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#49  | 20.94 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#0  | 20.10 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#12 | 19.96 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#25 | 20.10 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 19.96 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0   | 20.92 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#24  | 20.89 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#49  | 20.94 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#0  | 19.99 | PASS |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band17 | 10MHz | QPSK  | 23800 | 25RB#12 | 20.10 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#25 | 19.95 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 19.98 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0   | 19.79 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24  | 19.55 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49  | 19.64 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0  | 18.82 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 18.79 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 18.86 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0  | 18.91 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0   | 19.62 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24  | 19.60 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49  | 19.64 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0  | 19.40 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 19.01 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#25 | 19.22 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0  | 19.00 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0   | 20.38 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#24  | 20.45 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#49  | 20.35 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#0  | 18.95 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#12 | 18.97 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#25 | 19.16 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0  | 18.89 | PASS |

## 5.2 Radiated Power (ERP/EIRP)

### 5.2.1 Limit

- 1) 22.913(a) - The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) 27.50(a)(3):For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.
- 7) For FCC 22.913: The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.
- 8) For FCC 24.234: Mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

### 5.2.2 Test procedure

- 9) According to the power tested in section 5.1, select the maximum power in each mode, and use the following formula to calculate the corresponding ERP/EIRP.

EPR = conducted power + Antenna Gain -2.15

EIPR = conducted power + Antenna Gain

### 5.2.3 Test results

#### GSM850/GSM1900

| Band   | Channel | Conducted power (dBm) | Antenna Gain(dBi) | Correction | ERP(dBm) | ERP(W) |
|--------|---------|-----------------------|-------------------|------------|----------|--------|
| GSM850 | 128     | 30.44                 | -10.3             | 2.15       | 17.99    | 0.0630 |
| GSM850 | 190     | 30.75                 | -10.3             | 2.15       | 18.30    | 0.0676 |
| GSM850 | 251     | 30.99                 | -10.3             | 2.15       | 18.54    | 0.0714 |

| Band    | Channel | Conducted power (dBm) | Antenna Gain(dBi) | EIRP(dBm) | EIRP(W) |
|---------|---------|-----------------------|-------------------|-----------|---------|
| GSM1900 | 512     | 29.01                 | 1.2               | 30.21     | 1.0495  |
| GSM1900 | 661     | 29.14                 | 1.2               | 30.34     | 1.0814  |
| GSM1900 | 810     | 29.02                 | 1.2               | 30.22     | 1.0520  |

#### GPRS850/GPRS1900

| Band    | Channel | Slot | Conducted power (dBm) | Antenna Gain(dBi) | Correction | ERP(dBm) | ERP(W) |
|---------|---------|------|-----------------------|-------------------|------------|----------|--------|
| GPRS850 | 128     | 1    | 28.57                 | -10.3             | 2.15       | 16.12    | 0.0409 |
| GPRS850 | 128     | 2    | 27.42                 | -10.3             | 2.15       | 14.97    | 0.0314 |
| GPRS850 | 128     | 3    | 25.96                 | -10.3             | 2.15       | 13.51    | 0.0224 |
| GPRS850 | 128     | 4    | 23.84                 | -10.3             | 2.15       | 11.39    | 0.0138 |
| GPRS850 | 190     | 1    | 29.22                 | -10.3             | 2.15       | 16.77    | 0.0475 |
| GPRS850 | 190     | 2    | 27.93                 | -10.3             | 2.15       | 15.48    | 0.0353 |
| GPRS850 | 190     | 3    | 26.49                 | -10.3             | 2.15       | 14.04    | 0.0254 |
| GPRS850 | 190     | 4    | 24.36                 | -10.3             | 2.15       | 11.91    | 0.0155 |
| GPRS850 | 251     | 1    | 29.67                 | -10.3             | 2.15       | 17.22    | 0.0527 |
| GPRS850 | 251     | 2    | 28.37                 | -10.3             | 2.15       | 15.92    | 0.0391 |
| GPRS850 | 251     | 3    | 26.94                 | -10.3             | 2.15       | 14.49    | 0.0281 |
| GPRS850 | 251     | 4    | 24.80                 | -10.3             | 2.15       | 12.35    | 0.0172 |

| Band     | Channel | Slot | Conducted power (dBm) | Antenna Gain(dBi) | EIRP(dBm) | EIRP(W) |
|----------|---------|------|-----------------------|-------------------|-----------|---------|
| GPRS1900 | 512     | 1    | 28.96                 | 1.2               | 30.16     | 1.0375  |
| GPRS1900 | 512     | 2    | 26.95                 | 1.2               | 28.15     | 0.6531  |
| GPRS1900 | 512     | 3    | 25.45                 | 1.2               | 26.65     | 0.4624  |
| GPRS1900 | 512     | 4    | 23.18                 | 1.2               | 24.38     | 0.2742  |
| GPRS1900 | 661     | 1    | 29.09                 | 1.2               | 30.29     | 1.0691  |
| GPRS1900 | 661     | 2    | 26.78                 | 1.2               | 27.98     | 0.6281  |



|          |     |   |       |     |       |        |
|----------|-----|---|-------|-----|-------|--------|
| GPRS1900 | 661 | 3 | 25.26 | 1.2 | 26.46 | 0.4426 |
| GPRS1900 | 661 | 4 | 23.01 | 1.2 | 24.21 | 0.2636 |
| GPRS1900 | 810 | 1 | 28.88 | 1.2 | 30.08 | 1.0186 |
| GPRS1900 | 810 | 2 | 26.36 | 1.2 | 27.56 | 0.5702 |
| GPRS1900 | 810 | 3 | 24.80 | 1.2 | 26.00 | 0.3981 |
| GPRS1900 | 810 | 4 | 22.54 | 1.2 | 23.74 | 0.2366 |

**EGPRS850/EGPRS1900**

| Band     | Channel | Slot | Conducted power (dBm) | Antenna Gain(dBi) | Correction | ERP(dBm) | ERP(W) |
|----------|---------|------|-----------------------|-------------------|------------|----------|--------|
| EGPRS850 | 128     | 1    | 24.33                 | -10.3             | 2.15       | 11.88    | 0.0154 |
| EGPRS850 | 128     | 2    | 23.24                 | -10.3             | 2.15       | 10.79    | 0.0120 |
| EGPRS850 | 128     | 3    | 20.61                 | -10.3             | 2.15       | 8.16     | 0.0065 |
| EGPRS850 | 128     | 4    | 18.75                 | -10.3             | 2.15       | 6.30     | 0.0043 |
| EGPRS850 | 190     | 1    | 24.85                 | -10.3             | 2.15       | 12.40    | 0.0174 |
| EGPRS850 | 190     | 2    | 23.82                 | -10.3             | 2.15       | 11.37    | 0.0137 |
| EGPRS850 | 190     | 3    | 21.26                 | -10.3             | 2.15       | 8.81     | 0.0076 |
| EGPRS850 | 190     | 4    | 19.38                 | -10.3             | 2.15       | 6.93     | 0.0049 |
| EGPRS850 | 251     | 1    | 25.02                 | -10.3             | 2.15       | 12.57    | 0.0181 |
| EGPRS850 | 251     | 2    | 23.94                 | -10.3             | 2.15       | 11.49    | 0.0141 |
| EGPRS850 | 251     | 3    | 21.38                 | -10.3             | 2.15       | 8.93     | 0.0078 |
| EGPRS850 | 251     | 4    | 19.58                 | -10.3             | 2.15       | 7.13     | 0.0052 |

| Band      | Channel | Slot | Conducted power (dBm) | Antenna Gain(dBi) | EIRP(dBm) | EIRP(W) |
|-----------|---------|------|-----------------------|-------------------|-----------|---------|
| EGPRS1900 | 512     | 1    | 24.81                 | 1.2               | 26.01     | 0.3990  |
| EGPRS1900 | 512     | 2    | 23.02                 | 1.2               | 24.22     | 0.2642  |
| EGPRS1900 | 512     | 3    | 20.02                 | 1.2               | 21.22     | 0.1324  |
| EGPRS1900 | 512     | 4    | 17.72                 | 1.2               | 18.92     | 0.0780  |
| EGPRS1900 | 661     | 1    | 25.10                 | 1.2               | 26.30     | 0.4266  |
| EGPRS1900 | 661     | 2    | 23.61                 | 1.2               | 24.81     | 0.3027  |
| EGPRS1900 | 661     | 3    | 20.92                 | 1.2               | 22.12     | 0.1629  |
| EGPRS1900 | 661     | 4    | 18.70                 | 1.2               | 19.90     | 0.0977  |
| EGPRS1900 | 810     | 1    | 24.39                 | 1.2               | 25.59     | 0.3622  |
| EGPRS1900 | 810     | 2    | 22.67                 | 1.2               | 23.87     | 0.2438  |
| EGPRS1900 | 810     | 3    | 19.90                 | 1.2               | 21.10     | 0.1288  |
| EGPRS1900 | 810     | 4    | 17.64                 | 1.2               | 18.84     | 0.0766  |



## WCDMA

### RMC

| Band  | Channel | Conducted power (dBm) | Antenna Gain(dBi) | EIRP(dBm) | EIRP(W) |
|-------|---------|-----------------------|-------------------|-----------|---------|
| Band2 | 9262    | 22.22                 | 1.2               | 23.42     | 0.2198  |
| Band2 | 9400    | 22.32                 | 1.2               | 23.52     | 0.2249  |
| Band2 | 9538    | 22.25                 | 1.2               | 23.45     | 0.2213  |
| Band4 | 1312    | 22.10                 | -1.5              | 20.60     | 0.1148  |
| Band4 | 1413    | 22.14                 | -1.5              | 20.64     | 0.1159  |
| Band4 | 1513    | 22.19                 | -1.5              | 20.69     | 0.1172  |

| Band  | Channel | Conducted power (dBm) | Antenna Gain(dBi) | Correction | ERP(dBm) | ERP(W) |
|-------|---------|-----------------------|-------------------|------------|----------|--------|
| Band5 | 4132    | 21.73                 | -10.3             | 2.15       | 9.28     | 0.0085 |
| Band5 | 4183    | 21.87                 | -10.3             | 2.15       | 9.42     | 0.0087 |
| Band5 | 4233    | 22.23                 | -10.3             | 2.15       | 9.78     | 0.0095 |

### HSUPA

| Band  | Channel | SubTest | Conducted power (dBm) | Antenna Gain(dBi) | EIRP(dBm) | EIRP(W) |
|-------|---------|---------|-----------------------|-------------------|-----------|---------|
| Band2 | 9262    | 1       | 21.77                 | 1.2               | 22.97     | 0.1982  |
| Band2 | 9262    | 2       | 21.43                 | 1.2               | 22.63     | 0.1832  |
| Band2 | 9262    | 3       | 21.26                 | 1.2               | 22.46     | 0.1762  |
| Band2 | 9262    | 4       | 21.25                 | 1.2               | 22.45     | 0.1758  |
| Band2 | 9400    | 1       | 21.67                 | 1.2               | 22.87     | 0.1936  |
| Band2 | 9400    | 2       | 21.29                 | 1.2               | 22.49     | 0.1774  |
| Band2 | 9400    | 3       | 21.05                 | 1.2               | 22.25     | 0.1679  |
| Band2 | 9400    | 4       | 21.10                 | 1.2               | 22.30     | 0.1698  |
| Band2 | 9538    | 1       | 21.71                 | 1.2               | 22.91     | 0.1954  |
| Band2 | 9538    | 2       | 21.26                 | 1.2               | 22.46     | 0.1762  |
| Band2 | 9538    | 3       | 21.03                 | 1.2               | 22.23     | 0.1671  |
| Band2 | 9538    | 4       | 21.05                 | 1.2               | 22.25     | 0.1679  |
| Band4 | 1312    | 1       | 19.94                 | -1.5              | 18.44     | 0.0698  |
| Band4 | 1312    | 2       | 20.23                 | -1.5              | 18.73     | 0.0746  |
| Band4 | 1312    | 3       | 20.24                 | -1.5              | 18.74     | 0.0748  |
| Band4 | 1312    | 4       | 20.36                 | -1.5              | 18.86     | 0.0769  |
| Band4 | 1413    | 1       | 20.62                 | -1.5              | 19.12     | 0.0817  |
| Band4 | 1413    | 2       | 20.84                 | -1.5              | 19.34     | 0.0859  |
| Band4 | 1413    | 3       | 20.85                 | -1.5              | 19.35     | 0.0861  |
| Band4 | 1413    | 4       | 20.93                 | -1.5              | 19.43     | 0.0877  |
| Band4 | 1513    | 1       | 20.22                 | -1.5              | 18.72     | 0.0745  |
| Band4 | 1513    | 2       | 20.44                 | -1.5              | 18.94     | 0.0783  |



|       |      |   |       |      |       |        |
|-------|------|---|-------|------|-------|--------|
| Band4 | 1513 | 3 | 20.45 | -1.5 | 18.95 | 0.0785 |
| Band4 | 1513 | 4 | 20.53 | -1.5 | 19.03 | 0.0800 |

| Band  | Channel | SubTest | Conducted power (dBm) | Antenna Gain(dBi) | Correction | ERP(dBm) | ERP(W) |
|-------|---------|---------|-----------------------|-------------------|------------|----------|--------|
| Band5 | 4132    | 1       | 20.19                 | -10.3             | 2.15       | 7.74     | 0.0059 |
| Band5 | 4132    | 2       | 20.03                 | -10.3             | 2.15       | 7.58     | 0.0057 |
| Band5 | 4132    | 3       | 19.67                 | -10.3             | 2.15       | 7.22     | 0.0053 |
| Band5 | 4132    | 4       | 19.73                 | -10.3             | 2.15       | 7.28     | 0.0053 |
| Band5 | 4183    | 1       | 21.14                 | -10.3             | 2.15       | 8.69     | 0.0074 |
| Band5 | 4183    | 2       | 20.82                 | -10.3             | 2.15       | 8.37     | 0.0069 |
| Band5 | 4183    | 3       | 20.52                 | -10.3             | 2.15       | 8.07     | 0.0064 |
| Band5 | 4183    | 4       | 20.55                 | -10.3             | 2.15       | 8.10     | 0.0065 |
| Band5 | 4233    | 1       | 21.97                 | -10.3             | 2.15       | 9.52     | 0.0090 |
| Band5 | 4233    | 2       | 21.70                 | -10.3             | 2.15       | 9.25     | 0.0084 |
| Band5 | 4233    | 3       | 21.29                 | -10.3             | 2.15       | 8.84     | 0.0077 |
| Band5 | 4233    | 4       | 21.30                 | -10.3             | 2.15       | 8.85     | 0.0077 |

#### HSDPA

| Band  | Channel | SubTest | Conducted power (dBm) | Antenna Gain(dBi) | EIRP(dBm) | EIRP(W) |
|-------|---------|---------|-----------------------|-------------------|-----------|---------|
| Band2 | 9262    | 1       | 17.93                 | 1.2               | 19.13     | 0.0818  |
| Band2 | 9262    | 2       | 20.01                 | 1.2               | 21.21     | 0.1321  |
| Band2 | 9262    | 3       | 19.91                 | 1.2               | 21.11     | 0.1291  |
| Band2 | 9262    | 4       | 20.04                 | 1.2               | 21.24     | 0.1330  |
| Band2 | 9262    | 5       | 21.77                 | 1.2               | 22.97     | 0.1982  |
| Band2 | 9400    | 1       | 19.36                 | 1.2               | 20.56     | 0.1138  |
| Band2 | 9400    | 2       | 19.62                 | 1.2               | 20.82     | 0.1208  |
| Band2 | 9400    | 3       | 19.26                 | 1.2               | 20.46     | 0.1112  |
| Band2 | 9400    | 4       | 19.68                 | 1.2               | 20.88     | 0.1225  |
| Band2 | 9400    | 5       | 21.62                 | 1.2               | 22.82     | 0.1914  |
| Band2 | 9538    | 1       | 18.87                 | 1.2               | 20.07     | 0.1016  |
| Band2 | 9538    | 2       | 19.59                 | 1.2               | 20.79     | 0.1199  |
| Band2 | 9538    | 3       | 19.24                 | 1.2               | 20.44     | 0.1107  |
| Band2 | 9538    | 4       | 19.67                 | 1.2               | 20.87     | 0.1222  |
| Band2 | 9538    | 5       | 21.58                 | 1.2               | 22.78     | 0.1897  |
| Band4 | 1312    | 1       | 19.67                 | -1.5              | 18.17     | 0.0656  |



|       |      |   |       |      |       |        |
|-------|------|---|-------|------|-------|--------|
| Band4 | 1312 | 2 | 20.52 | -1.5 | 19.02 | 0.0798 |
| Band4 | 1312 | 3 | 20.63 | -1.5 | 19.13 | 0.0818 |
| Band4 | 1312 | 4 | 20.94 | -1.5 | 19.44 | 0.0879 |
| Band4 | 1312 | 5 | 20.86 | -1.5 | 19.36 | 0.0863 |
| Band4 | 1413 | 1 | 20.38 | -1.5 | 18.88 | 0.0773 |
| Band4 | 1413 | 2 | 20.90 | -1.5 | 19.40 | 0.0871 |
| Band4 | 1413 | 3 | 20.87 | -1.5 | 19.37 | 0.0865 |
| Band4 | 1413 | 4 | 21.24 | -1.5 | 19.74 | 0.0942 |
| Band4 | 1413 | 5 | 21.34 | -1.5 | 19.84 | 0.0964 |
| Band4 | 1513 | 1 | 19.93 | -1.5 | 18.43 | 0.0697 |
| Band4 | 1513 | 2 | 20.50 | -1.5 | 19.00 | 0.0794 |
| Band4 | 1513 | 3 | 20.44 | -1.5 | 18.94 | 0.0783 |
| Band4 | 1513 | 4 | 19.96 | -1.5 | 18.46 | 0.0701 |
| Band4 | 1513 | 5 | 20.98 | -1.5 | 19.48 | 0.0887 |

| Band  | Channel | SubTest | Conducted power (dBm) | Antenna Gain(dBi) | Correction | ERP(dBm) | ERP(W) |
|-------|---------|---------|-----------------------|-------------------|------------|----------|--------|
| Band5 | 4132    | 1       | 18.39                 | -10.3             | 2.15       | 5.94     | 0.0039 |
| Band5 | 4132    | 2       | 19.33                 | -10.3             | 2.15       | 6.88     | 0.0049 |
| Band5 | 4132    | 3       | 19.01                 | -10.3             | 2.15       | 6.56     | 0.0045 |
| Band5 | 4132    | 4       | 18.89                 | -10.3             | 2.15       | 6.44     | 0.0044 |
| Band5 | 4132    | 5       | 20.21                 | -10.3             | 2.15       | 7.76     | 0.0060 |
| Band5 | 4183    | 1       | 19.27                 | -10.3             | 2.15       | 6.82     | 0.0048 |
| Band5 | 4183    | 2       | 19.97                 | -10.3             | 2.15       | 7.52     | 0.0056 |
| Band5 | 4183    | 3       | 19.44                 | -10.3             | 2.15       | 6.99     | 0.0050 |
| Band5 | 4183    | 4       | 19.55                 | -10.3             | 2.15       | 7.10     | 0.0051 |
| Band5 | 4183    | 5       | 21.14                 | -10.3             | 2.15       | 8.69     | 0.0074 |
| Band5 | 4233    | 1       | 20.11                 | -10.3             | 2.15       | 7.66     | 0.0058 |
| Band5 | 4233    | 2       | 20.74                 | -10.3             | 2.15       | 8.29     | 0.0067 |
| Band5 | 4233    | 3       | 20.28                 | -10.3             | 2.15       | 7.83     | 0.0061 |
| Band5 | 4233    | 4       | 19.39                 | -10.3             | 2.15       | 6.94     | 0.0049 |
| Band5 | 4233    | 5       | 21.85                 | -10.3             | 2.15       | 9.40     | 0.0087 |



**LTE:**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted power (dBm) | Antenna Gain(dBi) | EIRP (dBm) | EIRP (W) |
|-------|-----------|------------|---------|------------------|-----------------------|-------------------|------------|----------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 22.91                 | 1.2               | 24.11      | 0.2576   |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 23.00                 | 1.2               | 24.20      | 0.2630   |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 23.01                 | 1.2               | 24.21      | 0.2636   |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 23.05                 | 1.2               | 24.25      | 0.2661   |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 23.01                 | 1.2               | 24.21      | 0.2636   |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 23.03                 | 1.2               | 24.23      | 0.2649   |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 21.86                 | 1.2               | 23.06      | 0.2023   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 23.02                 | 1.2               | 24.22      | 0.2642   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 23.05                 | 1.2               | 24.25      | 0.2661   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 23.08                 | 1.2               | 24.28      | 0.2679   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 23.19                 | 1.2               | 24.39      | 0.2748   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 23.14                 | 1.2               | 24.34      | 0.2716   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 23.26                 | 1.2               | 24.46      | 0.2793   |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 22.14                 | 1.2               | 23.34      | 0.2158   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 22.98                 | 1.2               | 24.18      | 0.2618   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 22.96                 | 1.2               | 24.16      | 0.2606   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 22.98                 | 1.2               | 24.18      | 0.2618   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 23.17                 | 1.2               | 24.37      | 0.2735   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 23.15                 | 1.2               | 24.35      | 0.2723   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 23.15                 | 1.2               | 24.35      | 0.2723   |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 22.14                 | 1.2               | 23.34      | 0.2158   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 22.62                 | 1.2               | 23.82      | 0.2410   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 22.64                 | 1.2               | 23.84      | 0.2421   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 22.20                 | 1.2               | 23.40      | 0.2188   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 21.66                 | 1.2               | 22.86      | 0.1932   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 21.63                 | 1.2               | 22.83      | 0.1919   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 21.77                 | 1.2               | 22.97      | 0.1982   |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 21.04                 | 1.2               | 22.24      | 0.1675   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 22.16                 | 1.2               | 23.36      | 0.2168   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 21.95                 | 1.2               | 23.15      | 0.2065   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 21.94                 | 1.2               | 23.14      | 0.2061   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 22.06                 | 1.2               | 23.26      | 0.2118   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#1            | 22.07                 | 1.2               | 23.27      | 0.2123   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#3            | 22.10                 | 1.2               | 23.30      | 0.2138   |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 21.03                 | 1.2               | 22.23      | 0.1671   |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 22.45                 | 1.2               | 23.65      | 0.2317   |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#2            | 22.06                 | 1.2               | 23.26      | 0.2118   |



|       |        |       |       |        |       |     |       |        |
|-------|--------|-------|-------|--------|-------|-----|-------|--------|
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 22.49 | 1.2 | 23.69 | 0.2339 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 21.94 | 1.2 | 23.14 | 0.2061 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 22.00 | 1.2 | 23.20 | 0.2089 |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 22.24 | 1.2 | 23.44 | 0.2208 |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 21.25 | 1.2 | 22.45 | 0.1758 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 24.08 | 1.2 | 25.28 | 0.3373 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 24.16 | 1.2 | 25.36 | 0.3436 |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 24.13 | 1.2 | 25.33 | 0.3412 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 23.20 | 1.2 | 24.40 | 0.2754 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 23.21 | 1.2 | 24.41 | 0.2761 |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 23.17 | 1.2 | 24.37 | 0.2735 |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 23.25 | 1.2 | 24.45 | 0.2786 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 24.20 | 1.2 | 25.40 | 0.3467 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 24.19 | 1.2 | 25.39 | 0.3459 |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 24.26 | 1.2 | 25.46 | 0.3516 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 23.22 | 1.2 | 24.42 | 0.2767 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 23.27 | 1.2 | 24.47 | 0.2799 |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#7  | 23.19 | 1.2 | 24.39 | 0.2748 |
| Band2 | 3MHz   | QPSK  | 18900 | 15RB#0 | 23.39 | 1.2 | 24.59 | 0.2877 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#0  | 23.72 | 1.2 | 24.92 | 0.3105 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#8  | 23.72 | 1.2 | 24.92 | 0.3105 |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#14 | 23.71 | 1.2 | 24.91 | 0.3097 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#0  | 22.78 | 1.2 | 23.98 | 0.2500 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#4  | 22.73 | 1.2 | 23.93 | 0.2472 |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#7  | 22.78 | 1.2 | 23.98 | 0.2500 |
| Band2 | 3MHz   | QPSK  | 19185 | 15RB#0 | 22.80 | 1.2 | 24.00 | 0.2512 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 23.09 | 1.2 | 24.29 | 0.2685 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 23.04 | 1.2 | 24.24 | 0.2655 |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#14 | 23.10 | 1.2 | 24.30 | 0.2692 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#0  | 22.39 | 1.2 | 23.59 | 0.2286 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#4  | 22.32 | 1.2 | 23.52 | 0.2249 |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#7  | 22.28 | 1.2 | 23.48 | 0.2228 |
| Band2 | 3MHz   | 16QAM | 18615 | 15RB#0 | 22.33 | 1.2 | 23.53 | 0.2254 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#0  | 23.14 | 1.2 | 24.34 | 0.2716 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#8  | 23.08 | 1.2 | 24.28 | 0.2679 |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#14 | 23.09 | 1.2 | 24.29 | 0.2685 |
| Band2 | 3MHz   | 16QAM | 18900 | 8RB#0  | 22.40 | 1.2 | 23.60 | 0.2291 |
| Band2 | 3MHz   | 16QAM | 18900 | 8RB#4  | 22.44 | 1.2 | 23.64 | 0.2312 |
| Band2 | 3MHz   | 16QAM | 18900 | 8RB#7  | 22.42 | 1.2 | 23.62 | 0.2301 |
| Band2 | 3MHz   | 16QAM | 18900 | 15RB#0 | 22.25 | 1.2 | 23.45 | 0.2213 |
| Band2 | 3MHz   | 16QAM | 19185 | 1RB#0  | 22.69 | 1.2 | 23.89 | 0.2449 |



|       |      |       |       |         |       |     |       |        |
|-------|------|-------|-------|---------|-------|-----|-------|--------|
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 22.79 | 1.2 | 23.99 | 0.2506 |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 22.75 | 1.2 | 23.95 | 0.2483 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 21.83 | 1.2 | 23.03 | 0.2009 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 21.82 | 1.2 | 23.02 | 0.2004 |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 21.77 | 1.2 | 22.97 | 0.1982 |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 21.79 | 1.2 | 22.99 | 0.1991 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 24.13 | 1.2 | 25.33 | 0.3412 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 24.20 | 1.2 | 25.40 | 0.3467 |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 24.21 | 1.2 | 25.41 | 0.3475 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 23.18 | 1.2 | 24.38 | 0.2742 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 23.19 | 1.2 | 24.39 | 0.2748 |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 23.32 | 1.2 | 24.52 | 0.2831 |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 23.27 | 1.2 | 24.47 | 0.2799 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 24.13 | 1.2 | 25.33 | 0.3412 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 24.13 | 1.2 | 25.33 | 0.3412 |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 24.13 | 1.2 | 25.33 | 0.3412 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 23.29 | 1.2 | 24.49 | 0.2812 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 23.37 | 1.2 | 24.57 | 0.2864 |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 23.39 | 1.2 | 24.59 | 0.2877 |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 23.32 | 1.2 | 24.52 | 0.2831 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 23.90 | 1.2 | 25.10 | 0.3236 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 23.92 | 1.2 | 25.12 | 0.3251 |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#24  | 23.94 | 1.2 | 25.14 | 0.3266 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#0  | 22.80 | 1.2 | 24.00 | 0.2512 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#6  | 22.83 | 1.2 | 24.03 | 0.2529 |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#13 | 22.82 | 1.2 | 24.02 | 0.2523 |
| Band2 | 5MHz | QPSK  | 19175 | 25RB#0  | 22.80 | 1.2 | 24.00 | 0.2512 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 22.67 | 1.2 | 23.87 | 0.2438 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12  | 22.70 | 1.2 | 23.90 | 0.2455 |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24  | 22.62 | 1.2 | 23.82 | 0.2410 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0  | 22.26 | 1.2 | 23.46 | 0.2218 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#6  | 22.27 | 1.2 | 23.47 | 0.2223 |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#13 | 22.29 | 1.2 | 23.49 | 0.2234 |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0  | 22.38 | 1.2 | 23.58 | 0.2280 |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#0   | 23.47 | 1.2 | 24.67 | 0.2931 |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#12  | 23.46 | 1.2 | 24.66 | 0.2924 |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#24  | 23.46 | 1.2 | 24.66 | 0.2924 |
| Band2 | 5MHz | 16QAM | 18900 | 12RB#0  | 22.38 | 1.2 | 23.58 | 0.2280 |
| Band2 | 5MHz | 16QAM | 18900 | 12RB#6  | 22.39 | 1.2 | 23.59 | 0.2286 |
| Band2 | 5MHz | 16QAM | 18900 | 12RB#13 | 22.36 | 1.2 | 23.56 | 0.2270 |
| Band2 | 5MHz | 16QAM | 18900 | 25RB#0  | 22.45 | 1.2 | 23.65 | 0.2317 |



|       |       |       |       |         |       |     |       |        |
|-------|-------|-------|-------|---------|-------|-----|-------|--------|
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 22.59 | 1.2 | 23.79 | 0.2393 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 22.63 | 1.2 | 23.83 | 0.2415 |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 22.62 | 1.2 | 23.82 | 0.2410 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 21.77 | 1.2 | 22.97 | 0.1982 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 21.75 | 1.2 | 22.95 | 0.1972 |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 21.70 | 1.2 | 22.90 | 0.1950 |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 21.85 | 1.2 | 23.05 | 0.2018 |
| Band2 | 10MHz | QPSK  | 18625 | 1RB#0   | 23.95 | 1.2 | 25.15 | 0.3273 |
| Band2 | 10MHz | QPSK  | 18625 | 1RB#24  | 24.21 | 1.2 | 25.41 | 0.3475 |
| Band2 | 10MHz | QPSK  | 18625 | 1RB#49  | 24.32 | 1.2 | 25.52 | 0.3565 |
| Band2 | 10MHz | QPSK  | 18625 | 25RB#0  | 23.28 | 1.2 | 24.48 | 0.2805 |
| Band2 | 10MHz | QPSK  | 18625 | 25RB#12 | 23.23 | 1.2 | 24.43 | 0.2773 |
| Band2 | 10MHz | QPSK  | 18625 | 25RB#25 | 23.38 | 1.2 | 24.58 | 0.2871 |
| Band2 | 10MHz | QPSK  | 18625 | 50RB#0  | 23.24 | 1.2 | 24.44 | 0.2780 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 24.19 | 1.2 | 25.39 | 0.3459 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 24.20 | 1.2 | 25.40 | 0.3467 |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 24.23 | 1.2 | 25.43 | 0.3491 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 23.43 | 1.2 | 24.63 | 0.2904 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 23.40 | 1.2 | 24.60 | 0.2884 |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 23.33 | 1.2 | 24.53 | 0.2838 |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 23.35 | 1.2 | 24.55 | 0.2851 |
| Band2 | 10MHz | QPSK  | 19175 | 1RB#0   | 23.72 | 1.2 | 24.92 | 0.3105 |
| Band2 | 10MHz | QPSK  | 19175 | 1RB#24  | 23.69 | 1.2 | 24.89 | 0.3083 |
| Band2 | 10MHz | QPSK  | 19175 | 1RB#49  | 23.66 | 1.2 | 24.86 | 0.3062 |
| Band2 | 10MHz | QPSK  | 19175 | 25RB#0  | 22.79 | 1.2 | 23.99 | 0.2506 |
| Band2 | 10MHz | QPSK  | 19175 | 25RB#12 | 22.92 | 1.2 | 24.12 | 0.2582 |
| Band2 | 10MHz | QPSK  | 19175 | 25RB#25 | 22.83 | 1.2 | 24.03 | 0.2529 |
| Band2 | 10MHz | QPSK  | 19175 | 50RB#0  | 22.78 | 1.2 | 23.98 | 0.2500 |
| Band2 | 10MHz | 16QAM | 18625 | 1RB#0   | 23.15 | 1.2 | 24.35 | 0.2723 |
| Band2 | 10MHz | 16QAM | 18625 | 1RB#24  | 23.28 | 1.2 | 24.48 | 0.2805 |
| Band2 | 10MHz | 16QAM | 18625 | 1RB#49  | 23.34 | 1.2 | 24.54 | 0.2844 |
| Band2 | 10MHz | 16QAM | 18625 | 25RB#0  | 22.26 | 1.2 | 23.46 | 0.2218 |
| Band2 | 10MHz | 16QAM | 18625 | 25RB#12 | 22.26 | 1.2 | 23.46 | 0.2218 |
| Band2 | 10MHz | 16QAM | 18625 | 25RB#25 | 22.37 | 1.2 | 23.57 | 0.2275 |
| Band2 | 10MHz | 16QAM | 18625 | 50RB#0  | 22.28 | 1.2 | 23.48 | 0.2228 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 23.32 | 1.2 | 24.52 | 0.2831 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 23.30 | 1.2 | 24.50 | 0.2818 |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 23.27 | 1.2 | 24.47 | 0.2799 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 22.50 | 1.2 | 23.70 | 0.2344 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 22.50 | 1.2 | 23.70 | 0.2344 |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 22.51 | 1.2 | 23.71 | 0.2350 |



|       |       |       |       |         |       |     |       |        |
|-------|-------|-------|-------|---------|-------|-----|-------|--------|
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 22.41 | 1.2 | 23.61 | 0.2296 |
| Band2 | 10MHz | 16QAM | 19175 | 1RB#0   | 23.19 | 1.2 | 24.39 | 0.2748 |
| Band2 | 10MHz | 16QAM | 19175 | 1RB#24  | 23.23 | 1.2 | 24.43 | 0.2773 |
| Band2 | 10MHz | 16QAM | 19175 | 1RB#49  | 23.21 | 1.2 | 24.41 | 0.2761 |
| Band2 | 10MHz | 16QAM | 19175 | 25RB#0  | 22.00 | 1.2 | 23.20 | 0.2089 |
| Band2 | 10MHz | 16QAM | 19175 | 25RB#12 | 21.99 | 1.2 | 23.19 | 0.2084 |
| Band2 | 10MHz | 16QAM | 19175 | 25RB#25 | 21.97 | 1.2 | 23.17 | 0.2075 |
| Band2 | 10MHz | 16QAM | 19175 | 50RB#0  | 21.94 | 1.2 | 23.14 | 0.2061 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 24.13 | 1.2 | 25.33 | 0.3412 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 24.33 | 1.2 | 25.53 | 0.3573 |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 24.36 | 1.2 | 25.56 | 0.3597 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 23.34 | 1.2 | 24.54 | 0.2844 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 23.39 | 1.2 | 24.59 | 0.2877 |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 23.28 | 1.2 | 24.48 | 0.2805 |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 23.28 | 1.2 | 24.48 | 0.2805 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 24.16 | 1.2 | 25.36 | 0.3436 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 24.16 | 1.2 | 25.36 | 0.3436 |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 24.15 | 1.2 | 25.35 | 0.3428 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 23.17 | 1.2 | 24.37 | 0.2735 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 23.21 | 1.2 | 24.41 | 0.2761 |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 23.20 | 1.2 | 24.40 | 0.2754 |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 23.21 | 1.2 | 24.41 | 0.2761 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 24.03 | 1.2 | 25.23 | 0.3334 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 23.72 | 1.2 | 24.92 | 0.3105 |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 23.74 | 1.2 | 24.94 | 0.3119 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 22.87 | 1.2 | 24.07 | 0.2553 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 22.89 | 1.2 | 24.09 | 0.2564 |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 22.89 | 1.2 | 24.09 | 0.2564 |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 22.89 | 1.2 | 24.09 | 0.2564 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 23.28 | 1.2 | 24.48 | 0.2805 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 23.29 | 1.2 | 24.49 | 0.2812 |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 23.37 | 1.2 | 24.57 | 0.2864 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 23.38 | 1.2 | 24.58 | 0.2871 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 23.39 | 1.2 | 24.59 | 0.2877 |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 23.28 | 1.2 | 24.48 | 0.2805 |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 22.39 | 1.2 | 23.59 | 0.2286 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 23.38 | 1.2 | 24.58 | 0.2871 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 23.33 | 1.2 | 24.53 | 0.2838 |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 23.34 | 1.2 | 24.54 | 0.2844 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 23.21 | 1.2 | 24.41 | 0.2761 |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 23.21 | 1.2 | 24.41 | 0.2761 |



|       |       |       |       |         |       |     |       |        |
|-------|-------|-------|-------|---------|-------|-----|-------|--------|
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 23.21 | 1.2 | 24.41 | 0.2761 |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 22.33 | 1.2 | 23.53 | 0.2254 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 23.48 | 1.2 | 24.68 | 0.2938 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 23.23 | 1.2 | 24.43 | 0.2773 |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 23.22 | 1.2 | 24.42 | 0.2767 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 22.88 | 1.2 | 24.08 | 0.2559 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 22.89 | 1.2 | 24.09 | 0.2564 |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 22.89 | 1.2 | 24.09 | 0.2564 |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 21.95 | 1.2 | 23.15 | 0.2065 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 24.44 | 1.2 | 25.64 | 0.3664 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 24.41 | 1.2 | 25.61 | 0.3639 |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 24.59 | 1.2 | 25.79 | 0.3793 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 23.24 | 1.2 | 24.44 | 0.2780 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 23.34 | 1.2 | 24.54 | 0.2844 |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 23.43 | 1.2 | 24.63 | 0.2904 |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 23.33 | 1.2 | 24.53 | 0.2838 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 24.44 | 1.2 | 25.64 | 0.3664 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 24.33 | 1.2 | 25.53 | 0.3573 |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 24.40 | 1.2 | 25.60 | 0.3631 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 23.35 | 1.2 | 24.55 | 0.2851 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 23.39 | 1.2 | 24.59 | 0.2877 |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 23.24 | 1.2 | 24.44 | 0.2780 |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 23.25 | 1.2 | 24.45 | 0.2786 |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 24.09 | 1.2 | 25.29 | 0.3381 |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 23.82 | 1.2 | 25.02 | 0.3177 |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 23.85 | 1.2 | 25.05 | 0.3199 |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 22.94 | 1.2 | 24.14 | 0.2594 |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 22.97 | 1.2 | 24.17 | 0.2612 |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 22.87 | 1.2 | 24.07 | 0.2553 |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 22.84 | 1.2 | 24.04 | 0.2535 |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 23.27 | 1.2 | 24.47 | 0.2799 |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 23.41 | 1.2 | 24.61 | 0.2891 |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 23.50 | 1.2 | 24.70 | 0.2951 |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#0  | 22.43 | 1.2 | 23.63 | 0.2307 |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 22.46 | 1.2 | 23.66 | 0.2323 |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 22.56 | 1.2 | 23.76 | 0.2377 |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 22.42 | 1.2 | 23.62 | 0.2301 |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 23.66 | 1.2 | 24.86 | 0.3062 |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 23.53 | 1.2 | 24.73 | 0.2972 |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 23.60 | 1.2 | 24.80 | 0.3020 |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#0  | 22.43 | 1.2 | 23.63 | 0.2307 |



|       |        |       |       |         |       |      |       |        |
|-------|--------|-------|-------|---------|-------|------|-------|--------|
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#25 | 22.43 | 1.2  | 23.63 | 0.2307 |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#50 | 22.35 | 1.2  | 23.55 | 0.2265 |
| Band2 | 20MHz  | 16QAM | 18900 | 100RB#0 | 22.46 | 1.2  | 23.66 | 0.2323 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#0   | 22.93 | 1.2  | 24.13 | 0.2588 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#49  | 22.67 | 1.2  | 23.87 | 0.2438 |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#99  | 22.76 | 1.2  | 23.96 | 0.2489 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#0  | 22.12 | 1.2  | 23.32 | 0.2148 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#25 | 22.13 | 1.2  | 23.33 | 0.2153 |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#50 | 22.02 | 1.2  | 23.22 | 0.2099 |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 21.96 | 1.2  | 23.16 | 0.2070 |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#0   | 21.85 | -1.5 | 20.35 | 0.1084 |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#2   | 22.79 | -1.5 | 21.29 | 0.1346 |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#5   | 22.85 | -1.5 | 21.35 | 0.1365 |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#0   | 22.84 | -1.5 | 21.34 | 0.1361 |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#1   | 22.88 | -1.5 | 21.38 | 0.1374 |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#3   | 22.83 | -1.5 | 21.33 | 0.1358 |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | 21.90 | -1.5 | 20.40 | 0.1096 |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#0   | 22.90 | -1.5 | 21.40 | 0.1380 |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#2   | 22.94 | -1.5 | 21.44 | 0.1393 |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#5   | 23.01 | -1.5 | 21.51 | 0.1416 |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#0   | 22.85 | -1.5 | 21.35 | 0.1365 |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#1   | 22.86 | -1.5 | 21.36 | 0.1368 |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#3   | 22.88 | -1.5 | 21.38 | 0.1374 |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0   | 21.89 | -1.5 | 20.39 | 0.1094 |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0   | 22.85 | -1.5 | 21.35 | 0.1365 |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#2   | 23.02 | -1.5 | 21.52 | 0.1419 |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#5   | 22.98 | -1.5 | 21.48 | 0.1406 |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#0   | 22.92 | -1.5 | 21.42 | 0.1387 |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1   | 22.94 | -1.5 | 21.44 | 0.1393 |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3   | 22.90 | -1.5 | 21.40 | 0.1380 |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0   | 21.88 | -1.5 | 20.38 | 0.1091 |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0   | 21.49 | -1.5 | 19.99 | 0.0998 |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2   | 21.55 | -1.5 | 20.05 | 0.1012 |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5   | 21.47 | -1.5 | 19.97 | 0.0993 |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0   | 21.83 | -1.5 | 20.33 | 0.1079 |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1   | 21.45 | -1.5 | 19.95 | 0.0989 |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3   | 21.53 | -1.5 | 20.03 | 0.1007 |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0   | 20.82 | -1.5 | 19.32 | 0.0855 |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0   | 22.36 | -1.5 | 20.86 | 0.1219 |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2   | 21.73 | -1.5 | 20.23 | 0.1054 |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5   | 21.73 | -1.5 | 20.23 | 0.1054 |



|       |        |       |       |        |       |      |       |        |
|-------|--------|-------|-------|--------|-------|------|-------|--------|
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 21.57 | -1.5 | 20.07 | 0.1016 |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 21.63 | -1.5 | 20.13 | 0.1030 |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 21.58 | -1.5 | 20.08 | 0.1019 |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 20.98 | -1.5 | 19.48 | 0.0887 |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 22.50 | -1.5 | 21.00 | 0.1259 |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 22.98 | -1.5 | 21.48 | 0.1406 |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 22.93 | -1.5 | 21.43 | 0.1390 |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 21.70 | -1.5 | 20.20 | 0.1047 |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 21.28 | -1.5 | 19.78 | 0.0951 |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 21.26 | -1.5 | 19.76 | 0.0946 |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 20.94 | -1.5 | 19.44 | 0.0879 |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 22.21 | -1.5 | 20.71 | 0.1178 |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 22.25 | -1.5 | 20.75 | 0.1189 |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 22.15 | -1.5 | 20.65 | 0.1161 |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 21.20 | -1.5 | 19.70 | 0.0933 |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 21.22 | -1.5 | 19.72 | 0.0938 |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 21.29 | -1.5 | 19.79 | 0.0953 |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 21.21 | -1.5 | 19.71 | 0.0935 |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 22.70 | -1.5 | 21.20 | 0.1318 |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#8  | 22.73 | -1.5 | 21.23 | 0.1327 |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#14 | 22.77 | -1.5 | 21.27 | 0.1340 |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#0  | 21.71 | -1.5 | 20.21 | 0.1050 |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#4  | 21.72 | -1.5 | 20.22 | 0.1052 |
| Band4 | 3MHz   | QPSK  | 20175 | 8RB#7  | 21.71 | -1.5 | 20.21 | 0.1050 |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 21.81 | -1.5 | 20.31 | 0.1074 |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 23.23 | -1.5 | 21.73 | 0.1489 |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#8  | 23.29 | -1.5 | 21.79 | 0.1510 |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#14 | 23.41 | -1.5 | 21.91 | 0.1552 |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#0  | 22.36 | -1.5 | 20.86 | 0.1219 |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#4  | 22.25 | -1.5 | 20.75 | 0.1189 |
| Band4 | 3MHz   | QPSK  | 20385 | 8RB#7  | 22.36 | -1.5 | 20.86 | 0.1219 |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 22.30 | -1.5 | 20.80 | 0.1202 |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 20.94 | -1.5 | 19.44 | 0.0879 |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#8  | 20.98 | -1.5 | 19.48 | 0.0887 |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#14 | 20.94 | -1.5 | 19.44 | 0.0879 |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#0  | 20.39 | -1.5 | 18.89 | 0.0774 |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#4  | 20.40 | -1.5 | 18.90 | 0.0776 |
| Band4 | 3MHz   | 16QAM | 19965 | 8RB#7  | 20.34 | -1.5 | 18.84 | 0.0766 |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 20.20 | -1.5 | 18.70 | 0.0741 |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 21.39 | -1.5 | 19.89 | 0.0975 |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#8  | 21.40 | -1.5 | 19.90 | 0.0977 |



|       |      |       |       |         |       |      |       |        |
|-------|------|-------|-------|---------|-------|------|-------|--------|
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14  | 21.45 | -1.5 | 19.95 | 0.0989 |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0   | 21.18 | -1.5 | 19.68 | 0.0929 |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4   | 21.14 | -1.5 | 19.64 | 0.0920 |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7   | 20.99 | -1.5 | 19.49 | 0.0889 |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0  | 20.73 | -1.5 | 19.23 | 0.0838 |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0   | 22.36 | -1.5 | 20.86 | 0.1219 |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8   | 22.39 | -1.5 | 20.89 | 0.1227 |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14  | 22.43 | -1.5 | 20.93 | 0.1239 |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0   | 21.44 | -1.5 | 19.94 | 0.0986 |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4   | 21.46 | -1.5 | 19.96 | 0.0991 |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7   | 21.45 | -1.5 | 19.95 | 0.0989 |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0  | 21.37 | -1.5 | 19.87 | 0.0971 |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0   | 22.08 | -1.5 | 20.58 | 0.1143 |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12  | 22.09 | -1.5 | 20.59 | 0.1146 |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24  | 22.26 | -1.5 | 20.76 | 0.1191 |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0  | 21.26 | -1.5 | 19.76 | 0.0946 |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 21.28 | -1.5 | 19.78 | 0.0951 |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 21.34 | -1.5 | 19.84 | 0.0964 |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 21.25 | -1.5 | 19.75 | 0.0944 |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 22.61 | -1.5 | 21.11 | 0.1291 |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 22.78 | -1.5 | 21.28 | 0.1343 |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 22.83 | -1.5 | 21.33 | 0.1358 |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 21.66 | -1.5 | 20.16 | 0.1038 |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 21.68 | -1.5 | 20.18 | 0.1042 |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 21.90 | -1.5 | 20.40 | 0.1096 |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 21.84 | -1.5 | 20.34 | 0.1081 |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 23.31 | -1.5 | 21.81 | 0.1517 |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 23.47 | -1.5 | 21.97 | 0.1574 |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 23.59 | -1.5 | 22.09 | 0.1618 |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 22.25 | -1.5 | 20.75 | 0.1189 |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 22.36 | -1.5 | 20.86 | 0.1219 |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 22.33 | -1.5 | 20.83 | 0.1211 |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 22.39 | -1.5 | 20.89 | 0.1227 |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 20.55 | -1.5 | 19.05 | 0.0804 |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 20.53 | -1.5 | 19.03 | 0.0800 |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 20.68 | -1.5 | 19.18 | 0.0828 |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 20.19 | -1.5 | 18.69 | 0.0740 |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 20.20 | -1.5 | 18.70 | 0.0741 |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 20.31 | -1.5 | 18.81 | 0.0760 |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 20.32 | -1.5 | 18.82 | 0.0762 |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 21.82 | -1.5 | 20.32 | 0.1076 |



|       |       |       |       |         |       |      |       |        |
|-------|-------|-------|-------|---------|-------|------|-------|--------|
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#12  | 21.95 | -1.5 | 20.45 | 0.1109 |
| Band4 | 5MHz  | 16QAM | 20175 | 1RB#24  | 22.08 | -1.5 | 20.58 | 0.1143 |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#0  | 21.07 | -1.5 | 19.57 | 0.0906 |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#6  | 21.04 | -1.5 | 19.54 | 0.0899 |
| Band4 | 5MHz  | 16QAM | 20175 | 12RB#13 | 21.01 | -1.5 | 19.51 | 0.0893 |
| Band4 | 5MHz  | 16QAM | 20175 | 25RB#0  | 20.87 | -1.5 | 19.37 | 0.0865 |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#0   | 21.73 | -1.5 | 20.23 | 0.1054 |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#12  | 21.80 | -1.5 | 20.30 | 0.1072 |
| Band4 | 5MHz  | 16QAM | 20375 | 1RB#24  | 21.92 | -1.5 | 20.42 | 0.1102 |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#0  | 21.15 | -1.5 | 19.65 | 0.0923 |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#6  | 21.28 | -1.5 | 19.78 | 0.0951 |
| Band4 | 5MHz  | 16QAM | 20375 | 12RB#13 | 21.29 | -1.5 | 19.79 | 0.0953 |
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | 21.36 | -1.5 | 19.86 | 0.0968 |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 21.71 | -1.5 | 20.21 | 0.1050 |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 22.70 | -1.5 | 21.20 | 0.1318 |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 22.55 | -1.5 | 21.05 | 0.1274 |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 21.77 | -1.5 | 20.27 | 0.1064 |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 21.75 | -1.5 | 20.25 | 0.1059 |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 21.81 | -1.5 | 20.31 | 0.1074 |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 21.79 | -1.5 | 20.29 | 0.1069 |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 22.76 | -1.5 | 21.26 | 0.1337 |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 22.98 | -1.5 | 21.48 | 0.1406 |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 23.04 | -1.5 | 21.54 | 0.1426 |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 21.73 | -1.5 | 20.23 | 0.1054 |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 21.88 | -1.5 | 20.38 | 0.1091 |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 21.86 | -1.5 | 20.36 | 0.1086 |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 21.85 | -1.5 | 20.35 | 0.1084 |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 23.07 | -1.5 | 21.57 | 0.1435 |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 22.96 | -1.5 | 21.46 | 0.1400 |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 22.90 | -1.5 | 21.40 | 0.1380 |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 21.93 | -1.5 | 20.43 | 0.1104 |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 21.97 | -1.5 | 20.47 | 0.1114 |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 22.01 | -1.5 | 20.51 | 0.1125 |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 21.89 | -1.5 | 20.39 | 0.1094 |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 21.12 | -1.5 | 19.62 | 0.0916 |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 21.21 | -1.5 | 19.71 | 0.0935 |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 21.27 | -1.5 | 19.77 | 0.0948 |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 20.24 | -1.5 | 18.74 | 0.0748 |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.22 | -1.5 | 18.72 | 0.0745 |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.30 | -1.5 | 18.80 | 0.0759 |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 20.14 | -1.5 | 18.64 | 0.0731 |



|       |       |       |       |         |       |      |       |        |
|-------|-------|-------|-------|---------|-------|------|-------|--------|
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 21.50 | -1.5 | 20.00 | 0.1000 |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 21.75 | -1.5 | 20.25 | 0.1059 |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 21.81 | -1.5 | 20.31 | 0.1074 |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 21.04 | -1.5 | 19.54 | 0.0899 |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 21.04 | -1.5 | 19.54 | 0.0899 |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 21.07 | -1.5 | 19.57 | 0.0906 |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 20.91 | -1.5 | 19.41 | 0.0873 |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 22.68 | -1.5 | 21.18 | 0.1312 |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 22.84 | -1.5 | 21.34 | 0.1361 |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 22.98 | -1.5 | 21.48 | 0.1406 |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 21.21 | -1.5 | 19.71 | 0.0935 |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 21.14 | -1.5 | 19.64 | 0.0920 |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 21.29 | -1.5 | 19.79 | 0.0953 |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 21.45 | -1.5 | 19.95 | 0.0989 |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 22.19 | -1.5 | 20.69 | 0.1172 |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 22.30 | -1.5 | 20.80 | 0.1202 |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 22.46 | -1.5 | 20.96 | 0.1247 |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 21.37 | -1.5 | 19.87 | 0.0971 |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 21.35 | -1.5 | 19.85 | 0.0966 |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 21.35 | -1.5 | 19.85 | 0.0966 |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 21.35 | -1.5 | 19.85 | 0.0966 |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 22.40 | -1.5 | 20.90 | 0.1230 |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 22.64 | -1.5 | 21.14 | 0.1300 |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 22.87 | -1.5 | 21.37 | 0.1371 |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 21.77 | -1.5 | 20.27 | 0.1064 |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 21.77 | -1.5 | 20.27 | 0.1064 |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 21.78 | -1.5 | 20.28 | 0.1067 |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 21.75 | -1.5 | 20.25 | 0.1059 |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 22.98 | -1.5 | 21.48 | 0.1406 |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 23.21 | -1.5 | 21.71 | 0.1483 |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 23.46 | -1.5 | 21.96 | 0.1570 |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 22.14 | -1.5 | 20.64 | 0.1159 |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 22.16 | -1.5 | 20.66 | 0.1164 |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 22.16 | -1.5 | 20.66 | 0.1164 |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 22.15 | -1.5 | 20.65 | 0.1161 |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 21.17 | -1.5 | 19.67 | 0.0927 |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 21.17 | -1.5 | 19.67 | 0.0927 |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 21.42 | -1.5 | 19.92 | 0.0982 |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 21.36 | -1.5 | 19.86 | 0.0968 |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 21.35 | -1.5 | 19.85 | 0.0966 |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 21.35 | -1.5 | 19.85 | 0.0966 |



|       |       |       |       |         |       |      |       |        |
|-------|-------|-------|-------|---------|-------|------|-------|--------|
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 20.33 | -1.5 | 18.83 | 0.0764 |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 21.67 | -1.5 | 20.17 | 0.1040 |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 21.87 | -1.5 | 20.37 | 0.1089 |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 22.13 | -1.5 | 20.63 | 0.1156 |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 21.77 | -1.5 | 20.27 | 0.1064 |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 21.78 | -1.5 | 20.28 | 0.1067 |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 21.78 | -1.5 | 20.28 | 0.1067 |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 20.89 | -1.5 | 19.39 | 0.0869 |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 22.65 | -1.5 | 21.15 | 0.1303 |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 22.87 | -1.5 | 21.37 | 0.1371 |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 23.07 | -1.5 | 21.57 | 0.1435 |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 22.16 | -1.5 | 20.66 | 0.1164 |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 22.16 | -1.5 | 20.66 | 0.1164 |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 22.16 | -1.5 | 20.66 | 0.1164 |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 21.19 | -1.5 | 19.69 | 0.0931 |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 22.32 | -1.5 | 20.82 | 0.1208 |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 22.47 | -1.5 | 20.97 | 0.1250 |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 22.76 | -1.5 | 21.26 | 0.1337 |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 21.22 | -1.5 | 19.72 | 0.0938 |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 21.20 | -1.5 | 19.70 | 0.0933 |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 21.45 | -1.5 | 19.95 | 0.0989 |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 21.37 | -1.5 | 19.87 | 0.0971 |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 22.56 | -1.5 | 21.06 | 0.1276 |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 22.93 | -1.5 | 21.43 | 0.1390 |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 23.26 | -1.5 | 21.76 | 0.1500 |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 21.75 | -1.5 | 20.25 | 0.1059 |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 21.76 | -1.5 | 20.26 | 0.1062 |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 21.93 | -1.5 | 20.43 | 0.1104 |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 21.89 | -1.5 | 20.39 | 0.1094 |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 23.00 | -1.5 | 21.50 | 0.1413 |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 23.17 | -1.5 | 21.67 | 0.1469 |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 23.45 | -1.5 | 21.95 | 0.1567 |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 21.96 | -1.5 | 20.46 | 0.1112 |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 22.04 | -1.5 | 20.54 | 0.1132 |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 22.17 | -1.5 | 20.67 | 0.1167 |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 22.15 | -1.5 | 20.65 | 0.1161 |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 20.95 | -1.5 | 19.45 | 0.0881 |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 20.98 | -1.5 | 19.48 | 0.0887 |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 21.34 | -1.5 | 19.84 | 0.0964 |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 20.34 | -1.5 | 18.84 | 0.0766 |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.33 | -1.5 | 18.83 | 0.0764 |



|       |       |       |       |         |       |      |       |        |
|-------|-------|-------|-------|---------|-------|------|-------|--------|
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.53 | -1.5 | 19.03 | 0.0800 |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.41 | -1.5 | 18.91 | 0.0778 |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 21.83 | -1.5 | 20.33 | 0.1079 |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 22.08 | -1.5 | 20.58 | 0.1143 |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99  | 22.38 | -1.5 | 20.88 | 0.1225 |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0  | 20.79 | -1.5 | 19.29 | 0.0849 |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.80 | -1.5 | 19.30 | 0.0851 |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 21.02 | -1.5 | 19.52 | 0.0895 |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.98 | -1.5 | 19.48 | 0.0887 |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | 21.57 | -1.5 | 20.07 | 0.1016 |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49  | 21.70 | -1.5 | 20.20 | 0.1047 |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | 22.00 | -1.5 | 20.50 | 0.1122 |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0  | 21.02 | -1.5 | 19.52 | 0.0895 |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.96 | -1.5 | 19.46 | 0.0883 |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 21.58 | -1.5 | 20.08 | 0.1019 |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 21.05 | -1.5 | 19.55 | 0.0902 |



| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted power (dBm) | Antenna Gain(dBi) | Correction (dB) | ERP (dBm) | ERP (W) |
|-------|-----------|------------|---------|------------------|-----------------------|-------------------|-----------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 21.33                 | -10.3             | 2.15            | 8.88      | 0.0077  |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 22.30                 | -10.3             | 2.15            | 9.85      | 0.0097  |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 22.28                 | -10.3             | 2.15            | 9.83      | 0.0096  |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 22.24                 | -10.3             | 2.15            | 9.79      | 0.0095  |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 22.32                 | -10.3             | 2.15            | 9.87      | 0.0097  |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 22.33                 | -10.3             | 2.15            | 9.88      | 0.0097  |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 21.21                 | -10.3             | 2.15            | 8.76      | 0.0075  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 22.40                 | -10.3             | 2.15            | 9.95      | 0.0099  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 22.32                 | -10.3             | 2.15            | 9.87      | 0.0097  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 22.42                 | -10.3             | 2.15            | 9.97      | 0.0099  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 22.38                 | -10.3             | 2.15            | 9.93      | 0.0098  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 22.36                 | -10.3             | 2.15            | 9.91      | 0.0098  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 22.35                 | -10.3             | 2.15            | 9.90      | 0.0098  |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 21.58                 | -10.3             | 2.15            | 9.13      | 0.0082  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 22.82                 | -10.3             | 2.15            | 10.37     | 0.0109  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 22.80                 | -10.3             | 2.15            | 10.35     | 0.0108  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 22.85                 | -10.3             | 2.15            | 10.40     | 0.0110  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 22.72                 | -10.3             | 2.15            | 10.27     | 0.0106  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 22.74                 | -10.3             | 2.15            | 10.29     | 0.0107  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 22.90                 | -10.3             | 2.15            | 10.45     | 0.0111  |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 21.74                 | -10.3             | 2.15            | 9.29      | 0.0085  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 21.00                 | -10.3             | 2.15            | 8.55      | 0.0072  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 20.96                 | -10.3             | 2.15            | 8.51      | 0.0071  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 21.10                 | -10.3             | 2.15            | 8.65      | 0.0073  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 20.90                 | -10.3             | 2.15            | 8.45      | 0.0070  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 20.93                 | -10.3             | 2.15            | 8.48      | 0.0070  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 20.92                 | -10.3             | 2.15            | 8.47      | 0.0070  |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 20.48                 | -10.3             | 2.15            | 8.03      | 0.0064  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 21.27                 | -10.3             | 2.15            | 8.82      | 0.0076  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 21.97                 | -10.3             | 2.15            | 9.52      | 0.0090  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 21.52                 | -10.3             | 2.15            | 9.07      | 0.0081  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#0            | 21.32                 | -10.3             | 2.15            | 8.87      | 0.0077  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#1            | 21.17                 | -10.3             | 2.15            | 8.72      | 0.0074  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#3            | 21.23                 | -10.3             | 2.15            | 8.78      | 0.0076  |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 20.52                 | -10.3             | 2.15            | 8.07      | 0.0064  |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 21.89                 | -10.3             | 2.15            | 9.44      | 0.0088  |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#2            | 22.42                 | -10.3             | 2.15            | 9.97      | 0.0099  |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | 22.10                 | -10.3             | 2.15            | 9.65      | 0.0092  |



|       |        |       |       |        |       |       |      |       |        |
|-------|--------|-------|-------|--------|-------|-------|------|-------|--------|
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 21.33 | -10.3 | 2.15 | 8.88  | 0.0077 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.46 | -10.3 | 2.15 | 9.01  | 0.0080 |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.58 | -10.3 | 2.15 | 9.13  | 0.0082 |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 20.86 | -10.3 | 2.15 | 8.41  | 0.0069 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 22.98 | -10.3 | 2.15 | 10.53 | 0.0113 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 22.97 | -10.3 | 2.15 | 10.52 | 0.0113 |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 22.96 | -10.3 | 2.15 | 10.51 | 0.0112 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.13 | -10.3 | 2.15 | 9.68  | 0.0093 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.06 | -10.3 | 2.15 | 9.61  | 0.0091 |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.21 | -10.3 | 2.15 | 9.76  | 0.0095 |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.10 | -10.3 | 2.15 | 9.65  | 0.0092 |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.36 | -10.3 | 2.15 | 10.91 | 0.0123 |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.21 | -10.3 | 2.15 | 10.76 | 0.0119 |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.18 | -10.3 | 2.15 | 10.73 | 0.0118 |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.26 | -10.3 | 2.15 | 9.81  | 0.0096 |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.17 | -10.3 | 2.15 | 9.72  | 0.0094 |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.26 | -10.3 | 2.15 | 9.81  | 0.0096 |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.27 | -10.3 | 2.15 | 9.82  | 0.0096 |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.27 | -10.3 | 2.15 | 10.82 | 0.0121 |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.22 | -10.3 | 2.15 | 10.77 | 0.0119 |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.37 | -10.3 | 2.15 | 10.92 | 0.0124 |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 22.26 | -10.3 | 2.15 | 9.81  | 0.0096 |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 22.28 | -10.3 | 2.15 | 9.83  | 0.0096 |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 22.26 | -10.3 | 2.15 | 9.81  | 0.0096 |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 22.23 | -10.3 | 2.15 | 9.78  | 0.0095 |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 21.67 | -10.3 | 2.15 | 9.22  | 0.0084 |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 21.67 | -10.3 | 2.15 | 9.22  | 0.0084 |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 21.74 | -10.3 | 2.15 | 9.29  | 0.0085 |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 21.17 | -10.3 | 2.15 | 8.72  | 0.0074 |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 21.17 | -10.3 | 2.15 | 8.72  | 0.0074 |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#7  | 21.25 | -10.3 | 2.15 | 8.80  | 0.0076 |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 21.02 | -10.3 | 2.15 | 8.57  | 0.0072 |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0  | 21.85 | -10.3 | 2.15 | 9.40  | 0.0087 |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#8  | 22.02 | -10.3 | 2.15 | 9.57  | 0.0091 |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#14 | 22.04 | -10.3 | 2.15 | 9.59  | 0.0091 |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#0  | 21.26 | -10.3 | 2.15 | 8.81  | 0.0076 |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#4  | 21.23 | -10.3 | 2.15 | 8.78  | 0.0076 |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#7  | 21.39 | -10.3 | 2.15 | 8.94  | 0.0078 |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | 21.26 | -10.3 | 2.15 | 8.81  | 0.0076 |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#0  | 22.43 | -10.3 | 2.15 | 9.98  | 0.0100 |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#8  | 22.49 | -10.3 | 2.15 | 10.04 | 0.0101 |



|       |      |       |       |         |       |       |      |       |        |
|-------|------|-------|-------|---------|-------|-------|------|-------|--------|
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.73 | -10.3 | 2.15 | 10.28 | 0.0107 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.53 | -10.3 | 2.15 | 9.08  | 0.0081 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.55 | -10.3 | 2.15 | 9.10  | 0.0081 |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.32 | -10.3 | 2.15 | 8.87  | 0.0077 |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.48 | -10.3 | 2.15 | 9.03  | 0.0080 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.00 | -10.3 | 2.15 | 10.55 | 0.0114 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 22.92 | -10.3 | 2.15 | 10.47 | 0.0111 |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.04 | -10.3 | 2.15 | 10.59 | 0.0115 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.06 | -10.3 | 2.15 | 9.61  | 0.0091 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.05 | -10.3 | 2.15 | 9.60  | 0.0091 |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.12 | -10.3 | 2.15 | 9.67  | 0.0093 |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.04 | -10.3 | 2.15 | 9.59  | 0.0091 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.18 | -10.3 | 2.15 | 10.73 | 0.0118 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 23.10 | -10.3 | 2.15 | 10.65 | 0.0116 |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.14 | -10.3 | 2.15 | 10.69 | 0.0117 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.36 | -10.3 | 2.15 | 9.91  | 0.0098 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.31 | -10.3 | 2.15 | 9.86  | 0.0097 |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 22.30 | -10.3 | 2.15 | 9.85  | 0.0097 |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 22.32 | -10.3 | 2.15 | 9.87  | 0.0097 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.48 | -10.3 | 2.15 | 11.03 | 0.0127 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 23.34 | -10.3 | 2.15 | 10.89 | 0.0123 |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.47 | -10.3 | 2.15 | 11.02 | 0.0126 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.36 | -10.3 | 2.15 | 9.91  | 0.0098 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 22.35 | -10.3 | 2.15 | 9.90  | 0.0098 |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 22.32 | -10.3 | 2.15 | 9.87  | 0.0097 |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 22.38 | -10.3 | 2.15 | 9.93  | 0.0098 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 21.37 | -10.3 | 2.15 | 8.92  | 0.0078 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 21.30 | -10.3 | 2.15 | 8.85  | 0.0077 |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 21.55 | -10.3 | 2.15 | 9.10  | 0.0081 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 21.06 | -10.3 | 2.15 | 8.61  | 0.0073 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 21.05 | -10.3 | 2.15 | 8.60  | 0.0072 |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.04 | -10.3 | 2.15 | 8.59  | 0.0072 |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 21.12 | -10.3 | 2.15 | 8.67  | 0.0074 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 22.21 | -10.3 | 2.15 | 9.76  | 0.0095 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 22.35 | -10.3 | 2.15 | 9.90  | 0.0098 |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 22.38 | -10.3 | 2.15 | 9.93  | 0.0098 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 21.31 | -10.3 | 2.15 | 8.86  | 0.0077 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 21.33 | -10.3 | 2.15 | 8.88  | 0.0077 |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 21.37 | -10.3 | 2.15 | 8.92  | 0.0078 |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0  | 21.33 | -10.3 | 2.15 | 8.88  | 0.0077 |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0   | 22.00 | -10.3 | 2.15 | 9.55  | 0.0090 |



|       |       |       |       |         |       |       |      |       |        |
|-------|-------|-------|-------|---------|-------|-------|------|-------|--------|
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.03 | -10.3 | 2.15 | 9.58  | 0.0091 |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.15 | -10.3 | 2.15 | 9.70  | 0.0093 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.38 | -10.3 | 2.15 | 8.93  | 0.0078 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.38 | -10.3 | 2.15 | 8.93  | 0.0078 |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.44 | -10.3 | 2.15 | 8.99  | 0.0079 |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.47 | -10.3 | 2.15 | 9.02  | 0.0080 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.15 | -10.3 | 2.15 | 10.70 | 0.0117 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.07 | -10.3 | 2.15 | 10.62 | 0.0115 |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.14 | -10.3 | 2.15 | 10.69 | 0.0117 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.08 | -10.3 | 2.15 | 9.63  | 0.0092 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.18 | -10.3 | 2.15 | 9.73  | 0.0094 |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.15 | -10.3 | 2.15 | 9.70  | 0.0093 |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.07 | -10.3 | 2.15 | 9.62  | 0.0092 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.07 | -10.3 | 2.15 | 10.62 | 0.0115 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.98 | -10.3 | 2.15 | 10.53 | 0.0113 |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.21 | -10.3 | 2.15 | 10.76 | 0.0119 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.28 | -10.3 | 2.15 | 9.83  | 0.0096 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.34 | -10.3 | 2.15 | 9.89  | 0.0097 |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.32 | -10.3 | 2.15 | 9.87  | 0.0097 |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.29 | -10.3 | 2.15 | 9.84  | 0.0096 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.35 | -10.3 | 2.15 | 10.90 | 0.0123 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.36 | -10.3 | 2.15 | 10.91 | 0.0123 |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.41 | -10.3 | 2.15 | 10.96 | 0.0125 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.30 | -10.3 | 2.15 | 9.85  | 0.0097 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.28 | -10.3 | 2.15 | 9.83  | 0.0096 |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.39 | -10.3 | 2.15 | 9.94  | 0.0099 |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.34 | -10.3 | 2.15 | 9.89  | 0.0097 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.11 | -10.3 | 2.15 | 9.66  | 0.0092 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.01 | -10.3 | 2.15 | 9.56  | 0.0090 |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.06 | -10.3 | 2.15 | 9.61  | 0.0091 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.03 | -10.3 | 2.15 | 8.58  | 0.0072 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.07 | -10.3 | 2.15 | 8.62  | 0.0073 |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.26 | -10.3 | 2.15 | 8.81  | 0.0076 |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.25 | -10.3 | 2.15 | 8.80  | 0.0076 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.05 | -10.3 | 2.15 | 9.60  | 0.0091 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.13 | -10.3 | 2.15 | 9.68  | 0.0093 |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.04 | -10.3 | 2.15 | 9.59  | 0.0091 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.34 | -10.3 | 2.15 | 8.89  | 0.0077 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.32 | -10.3 | 2.15 | 8.87  | 0.0077 |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.43 | -10.3 | 2.15 | 8.98  | 0.0079 |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.38 | -10.3 | 2.15 | 8.93  | 0.0078 |



|       |       |       |       |         |       |       |      |       |        |
|-------|-------|-------|-------|---------|-------|-------|------|-------|--------|
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.78 | -10.3 | 2.15 | 10.33 | 0.0108 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.81 | -10.3 | 2.15 | 10.36 | 0.0109 |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.85 | -10.3 | 2.15 | 10.40 | 0.0110 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.28 | -10.3 | 2.15 | 8.83  | 0.0076 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.24 | -10.3 | 2.15 | 8.79  | 0.0076 |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.58 | -10.3 | 2.15 | 9.13  | 0.0082 |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.45 | -10.3 | 2.15 | 9.00  | 0.0079 |



| Band  | Bandwidth | Modulation | Channel | RB Configuration | Conducted power (dBm) | Antenna Gain(dBi) | EIRP (dBm) | EIRP (W) |
|-------|-----------|------------|---------|------------------|-----------------------|-------------------|------------|----------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 20.95                 | -2.00             | 18.95      | 0.0785   |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 20.94                 | -2.00             | 18.94      | 0.0783   |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 21.04                 | -2.00             | 19.04      | 0.0802   |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#0           | 20.02                 | -2.00             | 18.02      | 0.0634   |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#6           | 19.97                 | -2.00             | 17.97      | 0.0627   |
| Band7 | 5MHz      | QPSK       | 20775   | 12RB#13          | 20.06                 | -2.00             | 18.06      | 0.0640   |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 20.00                 | -2.00             | 18.00      | 0.0631   |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 20.78                 | -2.00             | 18.78      | 0.0755   |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 20.73                 | -2.00             | 18.73      | 0.0746   |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 20.72                 | -2.00             | 18.72      | 0.0745   |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#0           | 19.93                 | -2.00             | 17.93      | 0.0621   |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#6           | 19.93                 | -2.00             | 17.93      | 0.0621   |
| Band7 | 5MHz      | QPSK       | 21100   | 12RB#13          | 20.06                 | -2.00             | 18.06      | 0.0640   |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 20.02                 | -2.00             | 18.02      | 0.0634   |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 20.99                 | -2.00             | 18.99      | 0.0793   |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 20.98                 | -2.00             | 18.98      | 0.0791   |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 21.08                 | -2.00             | 19.08      | 0.0809   |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#0           | 19.99                 | -2.00             | 17.99      | 0.0630   |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#6           | 19.99                 | -2.00             | 17.99      | 0.0630   |
| Band7 | 5MHz      | QPSK       | 21425   | 12RB#13          | 19.99                 | -2.00             | 17.99      | 0.0630   |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 20.00                 | -2.00             | 18.00      | 0.0631   |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 19.51                 | -2.00             | 17.51      | 0.0564   |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 19.56                 | -2.00             | 17.56      | 0.0570   |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 19.60                 | -2.00             | 17.60      | 0.0575   |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#0           | 19.18                 | -2.00             | 17.18      | 0.0522   |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#6           | 19.14                 | -2.00             | 17.14      | 0.0518   |
| Band7 | 5MHz      | 16QAM      | 20775   | 12RB#13          | 19.12                 | -2.00             | 17.12      | 0.0515   |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 19.08                 | -2.00             | 17.08      | 0.0511   |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 19.91                 | -2.00             | 17.91      | 0.0618   |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#12           | 20.21                 | -2.00             | 18.21      | 0.0662   |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#24           | 19.89                 | -2.00             | 17.89      | 0.0615   |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#0           | 19.16                 | -2.00             | 17.16      | 0.0520   |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#6           | 19.14                 | -2.00             | 17.14      | 0.0518   |
| Band7 | 5MHz      | 16QAM      | 21100   | 12RB#13          | 19.08                 | -2.00             | 17.08      | 0.0511   |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 18.95                 | -2.00             | 16.95      | 0.0495   |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 19.53                 | -2.00             | 17.53      | 0.0566   |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#12           | 19.92                 | -2.00             | 17.92      | 0.0619   |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | 19.99                 | -2.00             | 17.99      | 0.0630   |



|       |       |       |       |         |       |       |       |        |
|-------|-------|-------|-------|---------|-------|-------|-------|--------|
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 18.98 | -2.00 | 16.98 | 0.0499 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 18.88 | -2.00 | 16.88 | 0.0488 |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 19.04 | -2.00 | 17.04 | 0.0506 |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 19.03 | -2.00 | 17.03 | 0.0505 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 19.27 | -2.00 | 17.27 | 0.0533 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 19.26 | -2.00 | 17.26 | 0.0532 |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 19.30 | -2.00 | 17.30 | 0.0537 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 18.38 | -2.00 | 16.38 | 0.0435 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 18.41 | -2.00 | 16.41 | 0.0438 |
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 18.41 | -2.00 | 16.41 | 0.0438 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 19.39 | -2.00 | 17.39 | 0.0548 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 19.40 | -2.00 | 17.40 | 0.0550 |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 19.45 | -2.00 | 17.45 | 0.0556 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 18.34 | -2.00 | 16.34 | 0.0431 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 18.35 | -2.00 | 16.35 | 0.0432 |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 18.46 | -2.00 | 16.46 | 0.0443 |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 19.35 | -2.00 | 17.35 | 0.0543 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 19.39 | -2.00 | 17.39 | 0.0548 |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 19.47 | -2.00 | 17.47 | 0.0558 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 18.59 | -2.00 | 16.59 | 0.0456 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 18.67 | -2.00 | 16.67 | 0.0465 |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 18.61 | -2.00 | 16.61 | 0.0458 |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 18.59 | -2.00 | 16.59 | 0.0456 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 18.41 | -2.00 | 16.41 | 0.0438 |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 18.48 | -2.00 | 16.48 | 0.0445 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 17.42 | -2.00 | 15.42 | 0.0348 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 17.42 | -2.00 | 15.42 | 0.0348 |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 17.44 | -2.00 | 15.44 | 0.0350 |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 17.52 | -2.00 | 15.52 | 0.0356 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 18.31 | -2.00 | 16.31 | 0.0428 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 18.33 | -2.00 | 16.33 | 0.0430 |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 18.41 | -2.00 | 16.41 | 0.0438 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 17.63 | -2.00 | 15.63 | 0.0366 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 17.64 | -2.00 | 15.64 | 0.0366 |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 17.66 | -2.00 | 15.66 | 0.0368 |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 17.57 | -2.00 | 15.57 | 0.0361 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 19.01 | -2.00 | 17.01 | 0.0502 |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 18.98 | -2.00 | 16.98 | 0.0499 |



|       |       |       |       |         |       |       |       |        |
|-------|-------|-------|-------|---------|-------|-------|-------|--------|
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 19.04 | -2.00 | 17.04 | 0.0506 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 17.70 | -2.00 | 15.70 | 0.0372 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 17.65 | -2.00 | 15.65 | 0.0367 |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 17.75 | -2.00 | 15.75 | 0.0376 |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 17.65 | -2.00 | 15.65 | 0.0367 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 19.35 | -2.00 | 17.35 | 0.0543 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 19.41 | -2.00 | 17.41 | 0.0551 |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 19.35 | -2.00 | 17.35 | 0.0543 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 18.53 | -2.00 | 16.53 | 0.0450 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 19.22 | -2.00 | 17.22 | 0.0527 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 19.37 | -2.00 | 17.37 | 0.0546 |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 19.40 | -2.00 | 17.40 | 0.0550 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 19.30 | -2.00 | 17.30 | 0.0537 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 19.44 | -2.00 | 17.44 | 0.0555 |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 19.58 | -2.00 | 17.58 | 0.0573 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 18.48 | -2.00 | 16.48 | 0.0445 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 18.46 | -2.00 | 16.46 | 0.0443 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 18.42 | -2.00 | 16.42 | 0.0439 |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 18.52 | -2.00 | 16.52 | 0.0449 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 17.47 | -2.00 | 15.47 | 0.0352 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 18.37 | -2.00 | 16.37 | 0.0434 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 18.56 | -2.00 | 16.56 | 0.0453 |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 18.63 | -2.00 | 16.63 | 0.0460 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 18.51 | -2.00 | 16.51 | 0.0448 |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 17.52 | -2.00 | 15.52 | 0.0356 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 18.95 | -2.00 | 16.95 | 0.0495 |



|       |       |       |       |         |       |       |       |        |
|-------|-------|-------|-------|---------|-------|-------|-------|--------|
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 19.08 | -2.00 | 17.08 | 0.0511 |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 19.12 | -2.00 | 17.12 | 0.0515 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 18.49 | -2.00 | 16.49 | 0.0446 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 18.50 | -2.00 | 16.50 | 0.0447 |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 17.66 | -2.00 | 15.66 | 0.0368 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 19.56 | -2.00 | 17.56 | 0.0570 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 19.52 | -2.00 | 17.52 | 0.0565 |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 19.64 | -2.00 | 17.64 | 0.0581 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 18.49 | -2.00 | 16.49 | 0.0446 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 18.48 | -2.00 | 16.48 | 0.0445 |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 18.58 | -2.00 | 16.58 | 0.0455 |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 18.43 | -2.00 | 16.43 | 0.0440 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 19.32 | -2.00 | 17.32 | 0.0540 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 19.46 | -2.00 | 17.46 | 0.0557 |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 19.52 | -2.00 | 17.52 | 0.0565 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 18.42 | -2.00 | 16.42 | 0.0439 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 18.44 | -2.00 | 16.44 | 0.0441 |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 18.47 | -2.00 | 16.47 | 0.0444 |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 18.52 | -2.00 | 16.52 | 0.0449 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 19.49 | -2.00 | 17.49 | 0.0561 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 19.60 | -2.00 | 17.60 | 0.0575 |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 19.73 | -2.00 | 17.73 | 0.0593 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 18.52 | -2.00 | 16.52 | 0.0449 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 18.52 | -2.00 | 16.52 | 0.0449 |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 18.66 | -2.00 | 16.66 | 0.0463 |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 18.62 | -2.00 | 16.62 | 0.0459 |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 18.34 | -2.00 | 16.34 | 0.0431 |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 18.32 | -2.00 | 16.32 | 0.0429 |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 18.38 | -2.00 | 16.38 | 0.0435 |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 17.68 | -2.00 | 15.68 | 0.0370 |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 17.63 | -2.00 | 15.63 | 0.0366 |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 17.63 | -2.00 | 15.63 | 0.0366 |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 17.52 | -2.00 | 15.52 | 0.0356 |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 18.78 | -2.00 | 16.78 | 0.0476 |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 18.85 | -2.00 | 16.85 | 0.0484 |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 18.90 | -2.00 | 16.90 | 0.0490 |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 17.56 | -2.00 | 15.56 | 0.0360 |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 17.57 | -2.00 | 15.57 | 0.0361 |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 17.62 | -2.00 | 15.62 | 0.0365 |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 17.67 | -2.00 | 15.67 | 0.0369 |



|       |       |       |       |         |       |       |       |        |
|-------|-------|-------|-------|---------|-------|-------|-------|--------|
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 18.44 | -2.00 | 16.44 | 0.0441 |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#49  | 18.49 | -2.00 | 16.49 | 0.0446 |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#99  | 18.70 | -2.00 | 16.70 | 0.0468 |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#0  | 17.68 | -2.00 | 15.68 | 0.0370 |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#25 | 17.60 | -2.00 | 15.60 | 0.0363 |
| Band7 | 20MHz | 16QAM | 21350 | 50RB#50 | 17.81 | -2.00 | 15.81 | 0.0381 |
| Band7 | 20MHz | 16QAM | 21350 | 100RB#0 | 17.55 | -2.00 | 15.55 | 0.0359 |



| Band   | Bandwidth | Modulation | Channel | RB Configuration | Conducted power (dBm) | Antenna Gain(dBi) | Correction (dB) | ERP (dBm) | ERP (W) |
|--------|-----------|------------|---------|------------------|-----------------------|-------------------|-----------------|-----------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 22.38                 | -17               | 2.15            | 3.23      | 0.0021  |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#2            | 22.41                 | -17               | 2.15            | 3.26      | 0.0021  |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 22.47                 | -17               | 2.15            | 3.32      | 0.0021  |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#0            | 22.29                 | -17               | 2.15            | 3.14      | 0.0021  |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#1            | 22.37                 | -17               | 2.15            | 3.22      | 0.0021  |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#3            | 22.30                 | -17               | 2.15            | 3.15      | 0.0021  |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 21.41                 | -17               | 2.15            | 2.26      | 0.0017  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 22.77                 | -17               | 2.15            | 3.62      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#2            | 22.76                 | -17               | 2.15            | 3.61      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 22.81                 | -17               | 2.15            | 3.66      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#0            | 22.82                 | -17               | 2.15            | 3.67      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#1            | 22.78                 | -17               | 2.15            | 3.63      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#3            | 22.74                 | -17               | 2.15            | 3.59      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 21.89                 | -17               | 2.15            | 2.74      | 0.0019  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 22.75                 | -17               | 2.15            | 3.60      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#2            | 22.85                 | -17               | 2.15            | 3.70      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 22.61                 | -17               | 2.15            | 3.46      | 0.0022  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#0            | 22.65                 | -17               | 2.15            | 3.50      | 0.0022  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#1            | 22.72                 | -17               | 2.15            | 3.57      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#3            | 22.73                 | -17               | 2.15            | 3.58      | 0.0023  |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 21.76                 | -17               | 2.15            | 2.61      | 0.0018  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 21.06                 | -17               | 2.15            | 1.91      | 0.0016  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#2            | 21.01                 | -17               | 2.15            | 1.86      | 0.0015  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | 21.07                 | -17               | 2.15            | 1.92      | 0.0016  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#0            | 21.13                 | -17               | 2.15            | 1.98      | 0.0016  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#1            | 21.11                 | -17               | 2.15            | 1.96      | 0.0016  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#3            | 20.94                 | -17               | 2.15            | 1.79      | 0.0015  |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 20.37                 | -17               | 2.15            | 1.22      | 0.0013  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 22.11                 | -17               | 2.15            | 2.96      | 0.0020  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#2            | 21.77                 | -17               | 2.15            | 2.62      | 0.0018  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#5            | 22.09                 | -17               | 2.15            | 2.94      | 0.0020  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#0            | 21.56                 | -17               | 2.15            | 2.41      | 0.0017  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#1            | 21.56                 | -17               | 2.15            | 2.41      | 0.0017  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#3            | 21.53                 | -17               | 2.15            | 2.38      | 0.0017  |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 20.91                 | -17               | 2.15            | 1.76      | 0.0015  |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 22.14                 | -17               | 2.15            | 2.99      | 0.0020  |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#2            | 21.94                 | -17               | 2.15            | 2.79      | 0.0019  |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | 22.15                 | -17               | 2.15            | 3.00      | 0.0020  |



|        |        |       |       |        |       |     |      |       |        |
|--------|--------|-------|-------|--------|-------|-----|------|-------|--------|
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 21.26 | -17 | 2.15 | 2.11  | 0.0016 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 21.29 | -17 | 2.15 | 2.14  | 0.0016 |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 21.09 | -17 | 2.15 | 1.94  | 0.0016 |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 21.24 | -17 | 2.15 | 2.09  | 0.0016 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 20.90 | -17 | 2.15 | 1.75  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 20.83 | -17 | 2.15 | 1.68  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 20.88 | -17 | 2.15 | 1.73  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 19.93 | -17 | 2.15 | 0.78  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 19.93 | -17 | 2.15 | 0.78  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 19.86 | -17 | 2.15 | 0.71  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 19.92 | -17 | 2.15 | 0.77  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 21.04 | -17 | 2.15 | 1.89  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 21.18 | -17 | 2.15 | 2.03  | 0.0016 |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 20.97 | -17 | 2.15 | 1.82  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 19.74 | -17 | 2.15 | 0.59  | 0.0011 |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 19.76 | -17 | 2.15 | 0.61  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 19.97 | -17 | 2.15 | 0.82  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 20.06 | -17 | 2.15 | 0.91  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 20.84 | -17 | 2.15 | 1.69  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 20.89 | -17 | 2.15 | 1.74  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 20.87 | -17 | 2.15 | 1.72  | 0.0015 |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 20.07 | -17 | 2.15 | 0.92  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 19.96 | -17 | 2.15 | 0.81  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 19.91 | -17 | 2.15 | 0.76  | 0.0012 |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 19.91 | -17 | 2.15 | 0.76  | 0.0012 |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 19.59 | -17 | 2.15 | 0.44  | 0.0011 |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 19.50 | -17 | 2.15 | 0.35  | 0.0011 |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 19.61 | -17 | 2.15 | 0.46  | 0.0011 |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 19.03 | -17 | 2.15 | -0.12 | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 19.03 | -17 | 2.15 | -0.12 | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 19.16 | -17 | 2.15 | 0.01  | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 18.96 | -17 | 2.15 | -0.19 | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#0  | 19.59 | -17 | 2.15 | 0.44  | 0.0011 |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#8  | 19.61 | -17 | 2.15 | 0.46  | 0.0011 |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#14 | 19.59 | -17 | 2.15 | 0.44  | 0.0011 |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#0  | 18.96 | -17 | 2.15 | -0.19 | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#4  | 18.99 | -17 | 2.15 | -0.16 | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#7  | 18.96 | -17 | 2.15 | -0.19 | 0.0010 |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | 18.77 | -17 | 2.15 | -0.38 | 0.0009 |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#0  | 20.16 | -17 | 2.15 | 1.01  | 0.0013 |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#8  | 20.04 | -17 | 2.15 | 0.89  | 0.0012 |



|        |      |       |       |         |       |     |      |       |        |
|--------|------|-------|-------|---------|-------|-----|------|-------|--------|
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 19.94 | -17 | 2.15 | 0.79  | 0.0012 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 19.09 | -17 | 2.15 | -0.06 | 0.0010 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 19.10 | -17 | 2.15 | -0.05 | 0.0010 |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 18.97 | -17 | 2.15 | -0.18 | 0.0010 |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 19.00 | -17 | 2.15 | -0.15 | 0.0010 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 20.82 | -17 | 2.15 | 1.67  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 20.88 | -17 | 2.15 | 1.73  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 20.84 | -17 | 2.15 | 1.69  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 20.00 | -17 | 2.15 | 0.85  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 19.84 | -17 | 2.15 | 0.69  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 19.88 | -17 | 2.15 | 0.73  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 19.96 | -17 | 2.15 | 0.81  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 20.83 | -17 | 2.15 | 1.68  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#12  | 20.46 | -17 | 2.15 | 1.31  | 0.0014 |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24  | 20.81 | -17 | 2.15 | 1.66  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#0  | 19.76 | -17 | 2.15 | 0.61  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#6  | 19.79 | -17 | 2.15 | 0.64  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#13 | 19.98 | -17 | 2.15 | 0.83  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0  | 20.03 | -17 | 2.15 | 0.88  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0   | 20.92 | -17 | 2.15 | 1.77  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#12  | 21.04 | -17 | 2.15 | 1.89  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24  | 20.99 | -17 | 2.15 | 1.84  | 0.0015 |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#0  | 19.97 | -17 | 2.15 | 0.82  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#6  | 19.99 | -17 | 2.15 | 0.84  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#13 | 19.86 | -17 | 2.15 | 0.71  | 0.0012 |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0  | 19.90 | -17 | 2.15 | 0.75  | 0.0012 |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0   | 19.28 | -17 | 2.15 | 0.13  | 0.0010 |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12  | 19.15 | -17 | 2.15 | 0.00  | 0.0010 |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24  | 19.49 | -17 | 2.15 | 0.34  | 0.0011 |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#0  | 18.89 | -17 | 2.15 | -0.26 | 0.0009 |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#6  | 18.92 | -17 | 2.15 | -0.23 | 0.0009 |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 19.14 | -17 | 2.15 | -0.01 | 0.0010 |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0  | 19.19 | -17 | 2.15 | 0.04  | 0.0010 |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0   | 19.94 | -17 | 2.15 | 0.79  | 0.0012 |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#12  | 19.97 | -17 | 2.15 | 0.82  | 0.0012 |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24  | 20.19 | -17 | 2.15 | 1.04  | 0.0013 |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#0  | 18.89 | -17 | 2.15 | -0.26 | 0.0009 |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#6  | 18.86 | -17 | 2.15 | -0.29 | 0.0009 |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#13 | 18.99 | -17 | 2.15 | -0.16 | 0.0010 |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0  | 18.91 | -17 | 2.15 | -0.24 | 0.0009 |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0   | 19.62 | -17 | 2.15 | 0.47  | 0.0011 |



|        |       |       |       |         |       |     |      |       |        |
|--------|-------|-------|-------|---------|-------|-----|------|-------|--------|
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 19.62 | -17 | 2.15 | 0.47  | 0.0011 |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 19.54 | -17 | 2.15 | 0.39  | 0.0011 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 18.95 | -17 | 2.15 | -0.20 | 0.0010 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 18.78 | -17 | 2.15 | -0.37 | 0.0009 |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 18.95 | -17 | 2.15 | -0.20 | 0.0010 |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 19.04 | -17 | 2.15 | -0.11 | 0.0010 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 20.74 | -17 | 2.15 | 1.59  | 0.0014 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 20.87 | -17 | 2.15 | 1.72  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 21.02 | -17 | 2.15 | 1.87  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 19.86 | -17 | 2.15 | 0.71  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 19.93 | -17 | 2.15 | 0.78  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 19.83 | -17 | 2.15 | 0.68  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 20.14 | -17 | 2.15 | 0.99  | 0.0013 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 20.87 | -17 | 2.15 | 1.72  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 20.91 | -17 | 2.15 | 1.76  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 20.91 | -17 | 2.15 | 1.76  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 19.81 | -17 | 2.15 | 0.66  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 19.95 | -17 | 2.15 | 0.80  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 19.99 | -17 | 2.15 | 0.84  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 20.03 | -17 | 2.15 | 0.88  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 20.90 | -17 | 2.15 | 1.75  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 20.84 | -17 | 2.15 | 1.69  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 20.85 | -17 | 2.15 | 1.70  | 0.0015 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 20.07 | -17 | 2.15 | 0.92  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 20.13 | -17 | 2.15 | 0.98  | 0.0013 |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 20.05 | -17 | 2.15 | 0.90  | 0.0012 |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 20.07 | -17 | 2.15 | 0.92  | 0.0012 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 19.94 | -17 | 2.15 | 0.79  | 0.0012 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 20.05 | -17 | 2.15 | 0.90  | 0.0012 |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 19.91 | -17 | 2.15 | 0.76  | 0.0012 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 19.04 | -17 | 2.15 | -0.11 | 0.0010 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 19.06 | -17 | 2.15 | -0.09 | 0.0010 |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 18.82 | -17 | 2.15 | -0.33 | 0.0009 |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 19.11 | -17 | 2.15 | -0.04 | 0.0010 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 19.56 | -17 | 2.15 | 0.41  | 0.0011 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 19.63 | -17 | 2.15 | 0.48  | 0.0011 |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 19.70 | -17 | 2.15 | 0.55  | 0.0011 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 19.10 | -17 | 2.15 | -0.05 | 0.0010 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 19.01 | -17 | 2.15 | -0.14 | 0.0010 |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 19.18 | -17 | 2.15 | 0.03  | 0.0010 |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 19.04 | -17 | 2.15 | -0.11 | 0.0010 |



|        |       |       |       |         |       |       |      |       |        |
|--------|-------|-------|-------|---------|-------|-------|------|-------|--------|
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 20.44 | -17   | 2.15 | 1.29  | 0.0013 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 20.51 | -17   | 2.15 | 1.36  | 0.0014 |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 20.27 | -17   | 2.15 | 1.12  | 0.0013 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 18.91 | -17   | 2.15 | -0.24 | 0.0009 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 18.90 | -17   | 2.15 | -0.25 | 0.0009 |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 19.19 | -17   | 2.15 | 0.04  | 0.0010 |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 19.01 | -17   | 2.15 | -0.14 | 0.0010 |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#0   | 22.49 | -16.5 | 2.15 | 3.84  | 0.0024 |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#12  | 22.54 | -16.5 | 2.15 | 3.89  | 0.0024 |
| Band17 | 5MHz  | QPSK  | 23755 | 1RB#24  | 22.75 | -16.5 | 2.15 | 4.10  | 0.0026 |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#0  | 21.58 | -16.5 | 2.15 | 2.93  | 0.0020 |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#6  | 21.75 | -16.5 | 2.15 | 3.10  | 0.0020 |
| Band17 | 5MHz  | QPSK  | 23755 | 12RB#13 | 21.83 | -16.5 | 2.15 | 3.18  | 0.0021 |
| Band17 | 5MHz  | QPSK  | 23755 | 25RB#0  | 21.62 | -16.5 | 2.15 | 2.97  | 0.0020 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#0   | 22.91 | -16.5 | 2.15 | 4.26  | 0.0027 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#12  | 22.84 | -16.5 | 2.15 | 4.19  | 0.0026 |
| Band17 | 5MHz  | QPSK  | 23790 | 1RB#24  | 22.90 | -16.5 | 2.15 | 4.25  | 0.0027 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#0  | 21.83 | -16.5 | 2.15 | 3.18  | 0.0021 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#6  | 21.93 | -16.5 | 2.15 | 3.28  | 0.0021 |
| Band17 | 5MHz  | QPSK  | 23790 | 12RB#13 | 21.86 | -16.5 | 2.15 | 3.21  | 0.0021 |
| Band17 | 5MHz  | QPSK  | 23790 | 25RB#0  | 22.08 | -16.5 | 2.15 | 3.43  | 0.0022 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#0   | 22.77 | -16.5 | 2.15 | 4.12  | 0.0026 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#12  | 22.76 | -16.5 | 2.15 | 4.11  | 0.0026 |
| Band17 | 5MHz  | QPSK  | 23825 | 1RB#24  | 22.69 | -16.5 | 2.15 | 4.04  | 0.0025 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#0  | 22.01 | -16.5 | 2.15 | 3.36  | 0.0022 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#6  | 22.12 | -16.5 | 2.15 | 3.47  | 0.0022 |
| Band17 | 5MHz  | QPSK  | 23825 | 12RB#13 | 21.84 | -16.5 | 2.15 | 3.19  | 0.0021 |
| Band17 | 5MHz  | QPSK  | 23825 | 25RB#0  | 21.79 | -16.5 | 2.15 | 3.14  | 0.0021 |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#0   | 21.63 | -16.5 | 2.15 | 2.98  | 0.0020 |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#12  | 21.53 | -16.5 | 2.15 | 2.88  | 0.0019 |
| Band17 | 5MHz  | 16QAM | 23755 | 1RB#24  | 21.96 | -16.5 | 2.15 | 3.31  | 0.0021 |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#0  | 20.70 | -16.5 | 2.15 | 2.05  | 0.0016 |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#6  | 20.66 | -16.5 | 2.15 | 2.01  | 0.0016 |
| Band17 | 5MHz  | 16QAM | 23755 | 12RB#13 | 20.82 | -16.5 | 2.15 | 2.17  | 0.0016 |
| Band17 | 5MHz  | 16QAM | 23755 | 25RB#0  | 20.75 | -16.5 | 2.15 | 2.10  | 0.0016 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#0   | 21.46 | -16.5 | 2.15 | 2.81  | 0.0019 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#12  | 21.70 | -16.5 | 2.15 | 3.05  | 0.0020 |
| Band17 | 5MHz  | 16QAM | 23790 | 1RB#24  | 21.72 | -16.5 | 2.15 | 3.07  | 0.0020 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#0  | 20.79 | -16.5 | 2.15 | 2.14  | 0.0016 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#6  | 20.71 | -16.5 | 2.15 | 2.06  | 0.0016 |
| Band17 | 5MHz  | 16QAM | 23790 | 12RB#13 | 20.83 | -16.5 | 2.15 | 2.18  | 0.0017 |



|        |       |       |       |         |       |       |      |      |        |
|--------|-------|-------|-------|---------|-------|-------|------|------|--------|
| Band17 | 5MHz  | 16QAM | 23790 | 25RB#0  | 21.08 | -16.5 | 2.15 | 2.43 | 0.0017 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0   | 21.14 | -16.5 | 2.15 | 2.49 | 0.0018 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#12  | 21.23 | -16.5 | 2.15 | 2.58 | 0.0018 |
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#24  | 20.98 | -16.5 | 2.15 | 2.33 | 0.0017 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#0  | 20.91 | -16.5 | 2.15 | 2.26 | 0.0017 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#6  | 20.91 | -16.5 | 2.15 | 2.26 | 0.0017 |
| Band17 | 5MHz  | 16QAM | 23825 | 12RB#13 | 20.94 | -16.5 | 2.15 | 2.29 | 0.0017 |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0  | 21.10 | -16.5 | 2.15 | 2.45 | 0.0018 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0   | 20.86 | -16.5 | 2.15 | 2.21 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#24  | 20.88 | -16.5 | 2.15 | 2.23 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#49  | 20.81 | -16.5 | 2.15 | 2.16 | 0.0016 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#0  | 19.80 | -16.5 | 2.15 | 1.15 | 0.0013 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#12 | 19.80 | -16.5 | 2.15 | 1.15 | 0.0013 |
| Band17 | 10MHz | QPSK  | 23780 | 25RB#25 | 19.97 | -16.5 | 2.15 | 1.32 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0  | 20.09 | -16.5 | 2.15 | 1.44 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0   | 21.06 | -16.5 | 2.15 | 2.41 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#24  | 20.96 | -16.5 | 2.15 | 2.31 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#49  | 20.94 | -16.5 | 2.15 | 2.29 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#0  | 20.10 | -16.5 | 2.15 | 1.45 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#12 | 19.96 | -16.5 | 2.15 | 1.31 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23790 | 25RB#25 | 20.10 | -16.5 | 2.15 | 1.45 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0  | 19.96 | -16.5 | 2.15 | 1.31 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0   | 20.92 | -16.5 | 2.15 | 2.27 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#24  | 20.89 | -16.5 | 2.15 | 2.24 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#49  | 20.94 | -16.5 | 2.15 | 2.29 | 0.0017 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#0  | 19.99 | -16.5 | 2.15 | 1.34 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#12 | 20.10 | -16.5 | 2.15 | 1.45 | 0.0014 |
| Band17 | 10MHz | QPSK  | 23800 | 25RB#25 | 19.95 | -16.5 | 2.15 | 1.30 | 0.0013 |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0  | 19.98 | -16.5 | 2.15 | 1.33 | 0.0014 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0   | 19.79 | -16.5 | 2.15 | 1.14 | 0.0013 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#24  | 19.55 | -16.5 | 2.15 | 0.90 | 0.0012 |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#49  | 19.64 | -16.5 | 2.15 | 0.99 | 0.0013 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#0  | 18.82 | -16.5 | 2.15 | 0.17 | 0.0010 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#12 | 18.79 | -16.5 | 2.15 | 0.14 | 0.0010 |
| Band17 | 10MHz | 16QAM | 23780 | 25RB#25 | 18.86 | -16.5 | 2.15 | 0.21 | 0.0010 |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0  | 18.91 | -16.5 | 2.15 | 0.26 | 0.0011 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0   | 19.62 | -16.5 | 2.15 | 0.97 | 0.0013 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#24  | 19.60 | -16.5 | 2.15 | 0.95 | 0.0012 |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#49  | 19.64 | -16.5 | 2.15 | 0.99 | 0.0013 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#0  | 19.40 | -16.5 | 2.15 | 0.75 | 0.0012 |
| Band17 | 10MHz | 16QAM | 23790 | 25RB#12 | 19.01 | -16.5 | 2.15 | 0.36 | 0.0011 |



|        |       |       |       |         |       |       |      |      |        |
|--------|-------|-------|-------|---------|-------|-------|------|------|--------|
| Band17 | 10MHz | 16QAM | 23790 | 25RB#25 | 19.22 | -16.5 | 2.15 | 0.57 | 0.0011 |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0  | 19.00 | -16.5 | 2.15 | 0.35 | 0.0011 |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0   | 20.38 | -16.5 | 2.15 | 1.73 | 0.0015 |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#24  | 20.45 | -16.5 | 2.15 | 1.80 | 0.0015 |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#49  | 20.35 | -16.5 | 2.15 | 1.70 | 0.0015 |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#0  | 18.95 | -16.5 | 2.15 | 0.30 | 0.0011 |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#12 | 18.97 | -16.5 | 2.15 | 0.32 | 0.0011 |
| Band17 | 10MHz | 16QAM | 23800 | 25RB#25 | 19.16 | -16.5 | 2.15 | 0.51 | 0.0011 |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0  | 18.89 | -16.5 | 2.15 | 0.24 | 0.0011 |

### 5.3 Peak-to-Average Ratio

#### 5.3.1 Limit

Not exceed 13 dB

#### 5.3.2 Test procedure

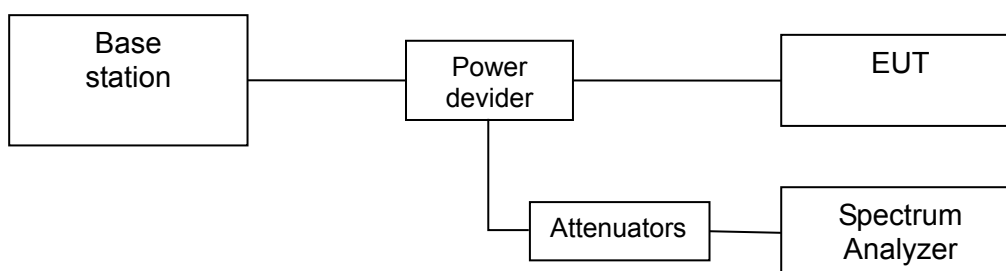
FCC: CFR Part 24.232 (d), 27.50(a)

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

According to KDB 971168 5.7.1:

- a) Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
- b) Set resolution/measurement bandwidth  $\geq$  signal's occupied bandwidth;
- c) Set the number of counts to a value that stabilizes the measured CCDF curve;
- d) Set the measurement interval to 1 ms
- e) Record the maximum PAPR level associated with a probability of 0.1%

#### 5.3.3 Test setup



### 5.3.4 Test results

#### GSM850/GSM1900

| Band      | Channel | Result(dB) | Limit(dB) | Verdict |
|-----------|---------|------------|-----------|---------|
| GSM850    | 128     | 2.63       | 13        | PASS    |
| GSM850    | 190     | 2.63       | 13        | PASS    |
| GSM850    | 251     | 2.63       | 13        | PASS    |
| GPRS850   | 128     | 2.64       | 13        | PASS    |
| GPRS850   | 190     | 2.63       | 13        | PASS    |
| GPRS850   | 251     | 2.64       | 13        | PASS    |
| EGPRS850  | 128     | 5.48       | 13        | PASS    |
| EGPRS850  | 190     | 5.5        | 13        | PASS    |
| EGPRS850  | 251     | 5.47       | 13        | PASS    |
| GSM1900   | 512     | 2.67       | 13        | PASS    |
| GSM1900   | 661     | 2.67       | 13        | PASS    |
| GSM1900   | 810     | 2.67       | 13        | PASS    |
| GPRS1900  | 512     | 2.64       | 13        | PASS    |
| GPRS1900  | 661     | 2.66       | 13        | PASS    |
| GPRS1900  | 810     | 2.67       | 13        | PASS    |
| EGPRS1900 | 512     | 5.36       | 13        | PASS    |
| EGPRS1900 | 661     | 5.34       | 13        | PASS    |
| EGPRS1900 | 810     | 5.41       | 13        | PASS    |

#### WCDMA

#### RMC

| Band  | Channel | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------------------------|-----------|---------|
| Band2 | 9262    | 2.91                      | 13        | PASS    |
| Band2 | 9400    | 2.45                      | 13        | PASS    |
| Band2 | 9538    | 2.54                      | 13        | PASS    |
| Band4 | 1312    | 3.06                      | 13        | PASS    |
| Band4 | 1413    | 3.04                      | 13        | PASS    |
| Band4 | 1513    | 3.07                      | 13        | PASS    |
| Band5 | 4132    | 3.03                      | 13        | PASS    |
| Band5 | 4183    | 3.06                      | 13        | PASS    |
| Band5 | 4233    | 2.95                      | 13        | PASS    |

## HSUPA

| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band2 | 9262    | 1       | 3.02                      | 13        | PASS    |
| Band2 | 9262    | 2       | 3.45                      | 13        | PASS    |
| Band2 | 9262    | 3       | 3.67                      | 13        | PASS    |
| Band2 | 9262    | 4       | 3.7                       | 13        | PASS    |
| Band2 | 9400    | 1       | 2.67                      | 13        | PASS    |
| Band2 | 9400    | 2       | 3.34                      | 13        | PASS    |
| Band2 | 9400    | 3       | 3.56                      | 13        | PASS    |
| Band2 | 9400    | 4       | 3.61                      | 13        | PASS    |
| Band2 | 9538    | 1       | 2.72                      | 13        | PASS    |
| Band2 | 9538    | 2       | 3.31                      | 13        | PASS    |
| Band2 | 9538    | 3       | 3.55                      | 13        | PASS    |
| Band2 | 9538    | 4       | 3.6                       | 13        | PASS    |
| Band4 | 1312    | 1       | 3.25                      | 13        | PASS    |
| Band4 | 1312    | 2       | 3.62                      | 13        | PASS    |
| Band4 | 1312    | 3       | 3.8                       | 13        | PASS    |
| Band4 | 1312    | 4       | 3.84                      | 13        | PASS    |
| Band4 | 1413    | 1       | 3.22                      | 13        | PASS    |
| Band4 | 1413    | 2       | 3.6                       | 13        | PASS    |
| Band4 | 1413    | 3       | 3.78                      | 13        | PASS    |
| Band4 | 1413    | 4       | 3.82                      | 13        | PASS    |
| Band4 | 1513    | 1       | 3.21                      | 13        | PASS    |
| Band4 | 1513    | 2       | 3.61                      | 13        | PASS    |
| Band4 | 1513    | 3       | 3.8                       | 13        | PASS    |
| Band4 | 1513    | 4       | 3.83                      | 13        | PASS    |
| Band5 | 4132    | 1       | 3.16                      | 13        | PASS    |
| Band5 | 4132    | 2       | 3.65                      | 13        | PASS    |
| Band5 | 4132    | 3       | 3.85                      | 13        | PASS    |
| Band5 | 4132    | 4       | 3.9                       | 13        | PASS    |
| Band5 | 4183    | 1       | 3.12                      | 13        | PASS    |
| Band5 | 4183    | 2       | 3.67                      | 13        | PASS    |
| Band5 | 4183    | 3       | 3.88                      | 13        | PASS    |
| Band5 | 4183    | 4       | 3.92                      | 13        | PASS    |
| Band5 | 4233    | 1       | 3.06                      | 13        | PASS    |
| Band5 | 4233    | 2       | 3.49                      | 13        | PASS    |
| Band5 | 4233    | 3       | 3.69                      | 13        | PASS    |
| Band5 | 4233    | 4       | 3.74                      | 13        | PASS    |



HSDPA

| Band  | Channel | SubTest | Peak-to-Average Ratio(dB) | Limit(dB) | Verdict |
|-------|---------|---------|---------------------------|-----------|---------|
| Band2 | 9262    | 1       | 4.31                      | 13        | PASS    |
| Band2 | 9262    | 2       | 5.31                      | 13        | PASS    |
| Band2 | 9262    | 3       | 4.9                       | 13        | PASS    |
| Band2 | 9262    | 4       | 5.28                      | 13        | PASS    |
| Band2 | 9262    | 5       | 3.99                      | 13        | PASS    |
| Band2 | 9400    | 1       | 4.16                      | 13        | PASS    |
| Band2 | 9400    | 2       | 5.25                      | 13        | PASS    |
| Band2 | 9400    | 3       | 4.79                      | 13        | PASS    |
| Band2 | 9400    | 4       | 5.16                      | 13        | PASS    |
| Band2 | 9400    | 5       | 4.23                      | 13        | PASS    |
| Band2 | 9538    | 1       | 4.11                      | 13        | PASS    |
| Band2 | 9538    | 2       | 5.17                      | 13        | PASS    |
| Band2 | 9538    | 3       | 4.77                      | 13        | PASS    |
| Band2 | 9538    | 4       | 5.11                      | 13        | PASS    |
| Band2 | 9538    | 5       | 4.24                      | 13        | PASS    |
| Band4 | 1312    | 1       | 4.52                      | 13        | PASS    |
| Band4 | 1312    | 2       | 5.61                      | 13        | PASS    |
| Band4 | 1312    | 3       | 5.15                      | 13        | PASS    |
| Band4 | 1312    | 4       | 5.56                      | 13        | PASS    |
| Band4 | 1312    | 5       | 4.38                      | 13        | PASS    |
| Band4 | 1413    | 1       | 4.31                      | 13        | PASS    |
| Band4 | 1413    | 2       | 5.4                       | 13        | PASS    |
| Band4 | 1413    | 3       | 4.98                      | 13        | PASS    |
| Band4 | 1413    | 4       | 5.36                      | 13        | PASS    |
| Band4 | 1413    | 5       | 4.71                      | 13        | PASS    |
| Band4 | 1513    | 1       | 4.35                      | 13        | PASS    |
| Band4 | 1513    | 2       | 5.27                      | 13        | PASS    |
| Band4 | 1513    | 3       | 4.8                       | 13        | PASS    |
| Band4 | 1513    | 4       | 5.22                      | 13        | PASS    |
| Band4 | 1513    | 5       | 4.78                      | 13        | PASS    |



|       |      |   |      |    |      |
|-------|------|---|------|----|------|
| Band5 | 4132 | 1 | 4.47 | 13 | PASS |
| Band5 | 4132 | 2 | 5.55 | 13 | PASS |
| Band5 | 4132 | 3 | 5.15 | 13 | PASS |
| Band5 | 4132 | 4 | 5.47 | 13 | PASS |
| Band5 | 4132 | 5 | 4.27 | 13 | PASS |
| Band5 | 4183 | 1 | 4.22 | 13 | PASS |
| Band5 | 4183 | 2 | 5.29 | 13 | PASS |
| Band5 | 4183 | 3 | 4.93 | 13 | PASS |
| Band5 | 4183 | 4 | 5.34 | 13 | PASS |
| Band5 | 4183 | 5 | 4.61 | 13 | PASS |
| Band5 | 4233 | 1 | 4.14 | 13 | PASS |
| Band5 | 4233 | 2 | 5.22 | 13 | PASS |
| Band5 | 4233 | 3 | 4.8  | 13 | PASS |
| Band5 | 4233 | 4 | 5.22 | 13 | PASS |
| Band5 | 4233 | 5 | 4.52 | 13 | PASS |



LTE

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 3.42       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 4.27       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 2.13       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 2.97       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 2.86       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 3.62       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 4.22       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 5.03       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 3.08       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 3.87       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 3.71       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 4.49       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 3.43       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 4.39       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 2.06       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.97       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#0            | 2.93       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 3.61       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#0            | 4.43       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 5.29       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 1RB#0            | 3.00       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 3.81       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1RB#0            | 3.81       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 4.59       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1RB#0            | 3.63       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.63       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 1RB#0            | 2.15       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 2.89       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1RB#0            | 2.61       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 3.61       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 1RB#0            | 4.56       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 5.43       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 1RB#0            | 2.72       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 3.79       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 1RB#0            | 3.66       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.56       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 1RB#0            | 3.40       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 5.06       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 1RB#0            | 1.95       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 2.93       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 1RB#0            | 3.42       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 3.72       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 1RB#0            | 4.33       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | 5.83       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 1RB#0            | 2.83       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 3.88       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 1RB#0            | 3.86       | 13        | PASS    |



|       |        |       |       |         |      |    |      |
|-------|--------|-------|-------|---------|------|----|------|
| Band2 | 10MHz  | 16QAM | 19150 | 50RB#0  | 4.58 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18675 | 1RB#0   | 3.46 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18675 | 75RB#0  | 5.36 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18900 | 1RB#0   | 2.16 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18900 | 75RB#0  | 3.62 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 19125 | 1RB#0   | 4.04 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 19125 | 75RB#0  | 4.35 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18675 | 1RB#0   | 4.32 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18675 | 75RB#0  | 5.98 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18900 | 1RB#0   | 3.08 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18900 | 75RB#0  | 4.34 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 19125 | 1RB#0   | 4.61 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 19125 | 75RB#0  | 5.08 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18700 | 1RB#0   | 3.62 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18700 | 100RB#0 | 5.24 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18900 | 1RB#0   | 2.66 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18900 | 100RB#0 | 4.27 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#0   | 4.58 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 100RB#0 | 4.89 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#0   | 4.38 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 100RB#0 | 6.01 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#0   | 3.59 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 100RB#0 | 4.99 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#0   | 5.52 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 5.70 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#0   | 5.37 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | 5.84 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#0   | 4.94 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0   | 5.35 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0   | 5.41 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0   | 5.61 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0   | 6.24 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0   | 6.64 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0   | 5.89 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0   | 6.27 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0   | 6.00 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0   | 6.31 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0   | 5.61 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0  | 5.91 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0   | 4.80 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0  | 5.45 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0   | 5.47 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0  | 5.60 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0   | 6.65 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0  | 6.72 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0   | 5.71 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0  | 6.32 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#0   | 6.34 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 15RB#0  | 6.46 | 13 | PASS |



|       |        |       |       |         |      |    |      |
|-------|--------|-------|-------|---------|------|----|------|
| Band4 | 5MHz   | QPSK  | 19975 | 1RB#0   | 5.95 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 19975 | 25RB#0  | 5.85 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20175 | 1RB#0   | 5.02 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20175 | 25RB#0  | 5.41 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20375 | 1RB#0   | 5.45 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20375 | 25RB#0  | 5.68 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 19975 | 1RB#0   | 6.33 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 19975 | 25RB#0  | 6.61 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20175 | 1RB#0   | 5.78 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20175 | 25RB#0  | 6.24 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20375 | 1RB#0   | 5.86 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20375 | 25RB#0  | 6.43 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20000 | 1RB#0   | 5.55 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20000 | 50RB#0  | 5.85 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20175 | 1RB#0   | 4.95 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20175 | 50RB#0  | 5.51 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20350 | 1RB#0   | 5.73 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20350 | 50RB#0  | 5.76 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20000 | 1RB#0   | 6.62 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20000 | 50RB#0  | 6.65 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20175 | 1RB#0   | 5.65 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20175 | 50RB#0  | 6.33 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20350 | 1RB#0   | 6.26 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20350 | 50RB#0  | 6.53 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20025 | 1RB#0   | 5.63 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20025 | 75RB#0  | 6.10 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20175 | 1RB#0   | 5.21 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20175 | 75RB#0  | 5.83 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20325 | 1RB#0   | 5.52 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20325 | 75RB#0  | 6.09 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20025 | 1RB#0   | 6.61 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20025 | 75RB#0  | 6.65 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20175 | 1RB#0   | 5.87 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20175 | 75RB#0  | 6.40 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20325 | 1RB#0   | 6.15 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20325 | 75RB#0  | 6.64 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | 5.84 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 100RB#0 | 5.67 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | 5.82 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | 6.55 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | 6.40 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | 6.55 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 5.25 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 5.61 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 5.41 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0   | 5.54 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | 4.97 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0   | 5.30 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0   | 5.98 | 13 | PASS |



|       |        |       |       |        |      |    |      |
|-------|--------|-------|-------|--------|------|----|------|
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 6.32 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 6.44 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 6.40 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 5.94 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 5.97 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 5.46 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 5.68 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 5.13 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 5.58 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 4.93 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 5.18 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 6.49 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 6.43 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0  | 5.79 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | 6.37 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#0  | 5.76 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 15RB#0 | 6.00 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 1RB#0  | 5.91 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20425 | 25RB#0 | 5.56 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20525 | 1RB#0  | 5.46 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20525 | 25RB#0 | 5.59 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20625 | 1RB#0  | 4.91 | 13 | PASS |
| Band5 | 5MHz   | QPSK  | 20625 | 25RB#0 | 5.20 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20425 | 1RB#0  | 6.23 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20425 | 25RB#0 | 6.23 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20525 | 1RB#0  | 5.97 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20525 | 25RB#0 | 6.34 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20625 | 1RB#0  | 5.56 | 13 | PASS |
| Band5 | 5MHz   | 16QAM | 20625 | 25RB#0 | 5.94 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 1RB#0  | 5.43 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20450 | 50RB#0 | 5.47 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20525 | 1RB#0  | 4.95 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20525 | 50RB#0 | 5.57 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 1RB#0  | 5.56 | 13 | PASS |
| Band5 | 10MHz  | QPSK  | 20600 | 50RB#0 | 5.40 | 13 | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 1RB#0  | 6.28 | 13 | PASS |
| Band5 | 10MHz  | 16QAM | 20450 | 50RB#0 | 6.17 | 13 | PASS |
| Band5 | 10MHz  | 16QAM | 20525 | 1RB#0  | 5.59 | 13 | PASS |
| Band5 | 10MHz  | 16QAM | 20525 | 50RB#0 | 6.32 | 13 | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 1RB#0  | 6.28 | 13 | PASS |
| Band5 | 10MHz  | 16QAM | 20600 | 50RB#0 | 6.18 | 13 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 1RB#0  | 3.84 | 13 | PASS |
| Band7 | 5MHz   | QPSK  | 20775 | 25RB#0 | 4.23 | 13 | PASS |
| Band7 | 5MHz   | QPSK  | 21100 | 1RB#0  | 3.54 | 13 | PASS |
| Band7 | 5MHz   | QPSK  | 21100 | 25RB#0 | 3.91 | 13 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 1RB#0  | 3.03 | 13 | PASS |
| Band7 | 5MHz   | QPSK  | 21425 | 25RB#0 | 3.71 | 13 | PASS |
| Band7 | 5MHz   | 16QAM | 20775 | 1RB#0  | 4.69 | 13 | PASS |
| Band7 | 5MHz   | 16QAM | 20775 | 25RB#0 | 5.02 | 13 | PASS |



|        |        |       |       |         |      |    |      |
|--------|--------|-------|-------|---------|------|----|------|
| Band7  | 5MHz   | 16QAM | 21100 | 1RB#0   | 4.09 | 13 | PASS |
| Band7  | 5MHz   | 16QAM | 21100 | 25RB#0  | 4.77 | 13 | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 1RB#0   | 4.10 | 13 | PASS |
| Band7  | 5MHz   | 16QAM | 21425 | 25RB#0  | 4.58 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 20800 | 1RB#0   | 4.01 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 20800 | 50RB#0  | 4.38 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21100 | 1RB#0   | 3.55 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21100 | 50RB#0  | 4.10 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21400 | 1RB#0   | 3.68 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21400 | 50RB#0  | 4.00 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 20800 | 1RB#0   | 4.94 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 20800 | 50RB#0  | 5.17 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21100 | 1RB#0   | 4.41 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21100 | 50RB#0  | 4.95 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21400 | 1RB#0   | 4.23 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21400 | 50RB#0  | 4.85 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 20825 | 1RB#0   | 3.96 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 20825 | 75RB#0  | 4.80 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21100 | 1RB#0   | 3.77 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21100 | 75RB#0  | 4.64 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21375 | 1RB#0   | 3.84 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21375 | 75RB#0  | 4.51 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 20825 | 1RB#0   | 4.89 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 20825 | 75RB#0  | 5.44 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 1RB#0   | 4.57 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 75RB#0  | 5.20 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21375 | 1RB#0   | 4.45 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21375 | 75RB#0  | 5.20 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 1RB#0   | 3.81 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 20850 | 100RB#0 | 4.82 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 1RB#0   | 3.94 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 100RB#0 | 4.72 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#0   | 3.79 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 100RB#0 | 4.67 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0   | 4.65 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 100RB#0 | 5.55 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0   | 4.67 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 100RB#0 | 5.38 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0   | 4.62 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 5.43 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 4.32 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 5.08 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 5.16 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 5.56 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | 4.58 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | 5.30 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0   | 5.39 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | 5.83 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0   | 6.18 | 13 | PASS |



|        |        |       |       |        |      |    |      |
|--------|--------|-------|-------|--------|------|----|------|
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0  | 6.44 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0  | 5.46 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 5.96 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 4.46 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 5.20 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 5.15 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 5.45 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 4.19 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 5.01 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 5.64 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 6.01 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#0  | 5.94 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | 6.38 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#0  | 4.85 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | 5.85 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 1RB#0  | 4.62 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 25RB#0 | 5.19 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 1RB#0  | 5.38 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 25RB#0 | 5.48 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23155 | 1RB#0  | 4.18 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23155 | 25RB#0 | 4.88 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23035 | 1RB#0  | 5.60 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23035 | 25RB#0 | 5.93 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 1RB#0  | 6.07 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 25RB#0 | 6.32 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23155 | 1RB#0  | 4.94 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23155 | 25RB#0 | 5.70 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 1RB#0  | 4.49 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 50RB#0 | 5.43 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 1RB#0  | 4.81 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 50RB#0 | 5.33 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 1RB#0  | 5.29 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 50RB#0 | 5.10 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 1RB#0  | 5.43 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 50RB#0 | 6.23 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 1RB#0  | 5.73 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 50RB#0 | 6.22 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 1RB#0  | 5.77 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23130 | 50RB#0 | 5.99 | 13 | PASS |
| Band17 | 5MHz   | QPSK  | 23755 | 1RB#0  | 5.33 | 13 | PASS |
| Band17 | 5MHz   | QPSK  | 23755 | 25RB#0 | 5.62 | 13 | PASS |
| Band17 | 5MHz   | QPSK  | 23790 | 1RB#0  | 5.09 | 13 | PASS |
| Band17 | 5MHz   | QPSK  | 23790 | 25RB#0 | 5.10 | 13 | PASS |
| Band17 | 5MHz   | QPSK  | 23825 | 1RB#0  | 4.45 | 13 | PASS |
| Band17 | 5MHz   | QPSK  | 23825 | 25RB#0 | 4.88 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23755 | 1RB#0  | 5.94 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23755 | 25RB#0 | 6.39 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23790 | 1RB#0  | 5.81 | 13 | PASS |
| Band17 | 5MHz   | 16QAM | 23790 | 25RB#0 | 6.00 | 13 | PASS |



|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band17 | 5MHz  | 16QAM | 23825 | 1RB#0  | 5.33 | 13 | PASS |
| Band17 | 5MHz  | 16QAM | 23825 | 25RB#0 | 5.60 | 13 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 1RB#0  | 5.34 | 13 | PASS |
| Band17 | 10MHz | QPSK  | 23780 | 50RB#0 | 5.27 | 13 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 1RB#0  | 5.14 | 13 | PASS |
| Band17 | 10MHz | QPSK  | 23790 | 50RB#0 | 5.15 | 13 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 1RB#0  | 5.29 | 13 | PASS |
| Band17 | 10MHz | QPSK  | 23800 | 50RB#0 | 5.13 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 1RB#0  | 6.26 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23780 | 50RB#0 | 6.15 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 1RB#0  | 5.95 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23790 | 50RB#0 | 6.01 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 1RB#0  | 5.85 | 13 | PASS |
| Band17 | 10MHz | 16QAM | 23800 | 50RB#0 | 6.04 | 13 | PASS |

Note: All mode has been tested



Test plots  
GSM850/GSM1900

### GSM850-128-3



### GSM850-190-3



### GSM850-251-3





### GPRS850-128-3



### GPRS850-190-3



### GPRS850-251-3





### EGPRS850-128-8



### EGPRS850-190-8



### EGPRS850-251-8





### GSM1900-512-0



### GSM1900-661-0



### GSM1900-810-0





### GPRS1900-512-0



### GPRS1900-661-0



### GPRS1900-810-0





### EGPRS1900-512-2



### EGPRS1900-661-2



### EGPRS1900-810-2





WCDMA

RMC

### Band2-9262



### Band2-9400



### Band2-9538





### Band4-1312



### Band4-1413



### Band4-1513





### Band5-4132



### Band5-4183



### Band5-4233





HSDPA

Band2-9262-1



Band2-9262-2



Band2-9262-3





### Band2-9262-4



### Band2-9400-1



### Band2-9400-2





### Band2-9400-3



### Band2-9400-4



### Band2-9538-1





### Band2-9538-2



### Band2-9538-3



### Band2-9538-4





### Band4-1312-1



### Band4-1312-2



### Band4-1312-3





Band4-1312-4



Band4-1413-1



Band4-1413-2





### Band4-1413-3



### Band4-1413-4



### Band4-1513-1





### Band4-1513-2



### Band4-1513-3



### Band4-1513-4





Band5-4132-1



Band5-4132-2



Band5-4132-3





Band5-4132-4



Band5-4183-1



Band5-4183-2





### Band5-4183-3



### Band5-4183-4



### Band5-4233-1





### Band5-4233-2



### Band5-4233-3



### Band5-4233-4





HSUPA

Band2-9262-1



Band2-9262-2



Band2-9262-3





### Band2-9262-4



### Band2-9262-5



### Band2-9400-1





### Band2-9400-2



### Band2-9400-3



### Band2-9400-4





### Band2-9400-5



### Band2-9538-1



### Band2-9538-2





### Band2-9538-3



### Band2-9538-4



### Band2-9538-5





### Band4-1312-1



### Band4-1312-2



### Band4-1312-3





### Band4-1312-4



### Band4-1312-5



### Band4-1413-1





### Band4-1413-2



### Band4-1413-3



### Band4-1413-4





Band4-1413-5



Band4-1513-1



Band4-1513-2





### Band4-1513-3



### Band4-1513-4

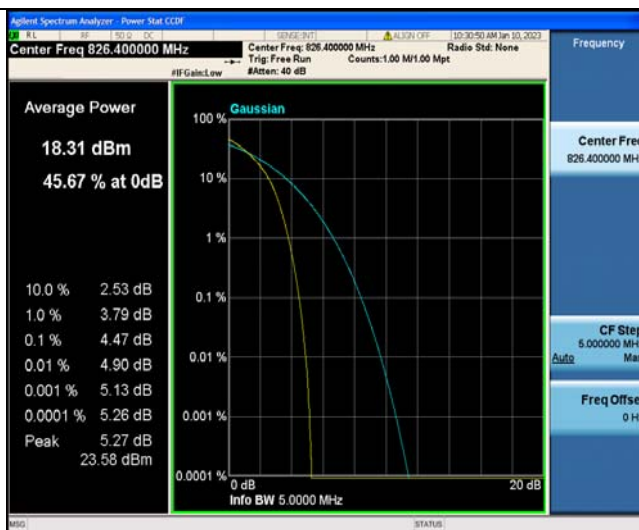


### Band4-1513-5

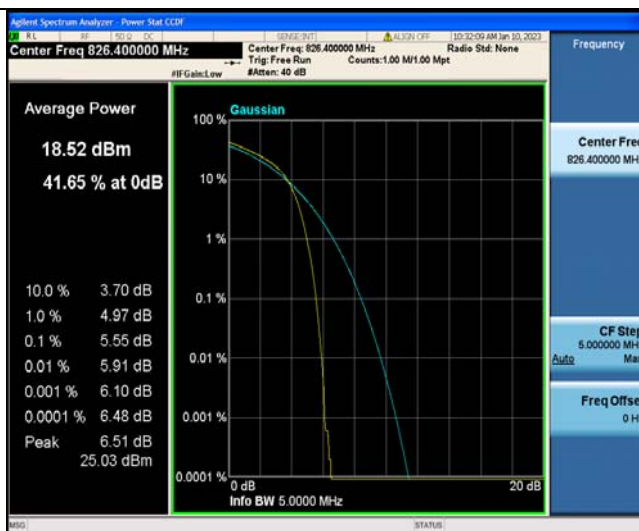




### Band5-4132-1



### Band5-4132-2



### Band5-4132-3





### Band5-4132-4



### Band5-4132-5



### Band5-4183-1





### Band5-4183-2



### Band5-4183-3



### Band5-4183-4





### Band5-4183-5



### Band5-4233-1



### Band5-4233-2





### Band5-4233-3



### Band5-4233-4



### Band5-4233-5





LTE

### Band2-1.4MHz-QPSK-18607-1RB#0



### Band2-1.4MHz-QPSK-18607-6RB#0



### Band2-1.4MHz-QPSK-18900-1RB#0





### Band2-1.4MHz-QPSK-18900-6RB#0



### Band2-1.4MHz-QPSK-19193-1RB#0



### Band2-1.4MHz-QPSK-19193-6RB#0





Band2-1.4MHz-16QAM-18607-1RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-18900-1RB#0





Band2-1.4MHz-16QAM-18900-6RB#0



Band2-1.4MHz-16QAM-19193-1RB#0



Band2-1.4MHz-16QAM-19193-6RB#0





### Band2-3MHz-QPSK-18615-1RB#0



### Band2-3MHz-QPSK-18615-15RB#0



### Band2-3MHz-QPSK-18900-1RB#0





Band2-3MHz-QPSK-18900-15RB#0



Band2-3MHz-QPSK-19185-1RB#0



Band2-3MHz-QPSK-19185-15RB#0





Band2-3MHz-16QAM-18615-1RB#0



Band2-3MHz-16QAM-18615-15RB#0



Band2-3MHz-16QAM-18900-1RB#0





Band2-3MHz-16QAM-18900-15RB#0



Band2-3MHz-16QAM-19185-1RB#0



Band2-3MHz-16QAM-19185-15RB#0

