



# RF TEST REPORT

Product Name: 4G Smart Phone

Model Name: L68 Ultra

Family Model: N68 Ultra

FCC ID: O55685023

Issued For : SWAGTEK

10205 NW 19th Street STE101, Miami FL33172

Issued By : Shenzhen LGT Test Service Co., Ltd.

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Report Number: LGT23L043RF07

Sample Received Date: Jan. 18, 2024

Date of Test: Jan. 18, 2024 – Mar. 14, 2024

Date of Issue: Mar. 14, 2024

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## TEST REPORT CERTIFICATION

**Applicant:** SWAGTEK  
**Address:** 10205 NW 19th Street STE101, Miami FL33172  
**Manufacturer:** SWAGTEK  
**Address:** 10205 NW 19th Street STE101, Miami FL33172  
**Product Name:** 4G Smart Phone  
**Trademark:** LOGIC, UNONU, iSWAG  
**Model Name:** L68 Ultra  
**Family Model:** N68 Ultra  
**Sample Status:** Normal

| APPLICABLE STANDARDS                                            |              |
|-----------------------------------------------------------------|--------------|
| STANDARD                                                        | TEST RESULTS |
| FCC Part 22, 24, 27<br>KDB 971168 D01 v03r01, ANSI C63.26(2015) | PASS         |

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**Revision History**

| Rev. | Issue Date    | Revisions     |
|------|---------------|---------------|
| 00   | Mar. 14, 2024 | Initial Issue |
|      |               |               |

## 1. TEST FACTORY & MEASUREMENT UNCERTAINTY

### 1.1 TEST FACTORY

|                           |                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Company Name:             | Shenzhen LGT Test Service Co., Ltd.                                                                                                                      |
| Address:                  | Room 205, Building 13, Zone B, Zhenxiong Industrial Park, No.177, Renmin West Road, Jinsha, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China |
| Accreditation Certificate | A2LA Certificate No.: 6727.01                                                                                                                            |
|                           | FCC Registration No.: 746540                                                                                                                             |
|                           | CAB ID: CN0136                                                                                                                                           |

### 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expanded uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95 %.

| Parameter                             | Uncertainty               |
|---------------------------------------|---------------------------|
| Occupied Channel Bandwidth            | $\pm 3.2 \%$              |
| RF Output Power, Conducted            | $\pm 0.87\text{dB}$       |
| Power Spectral Density, Conducted     | $\pm 2.11 \text{ dB}$     |
| Unwanted Emission, Conducted          | $\pm 0.86\text{dB}$       |
| All Emissions, Radiated (Below 1GHz)  | $\pm 3.54\text{dB}$       |
| All Emissions, Radiated (1GHz-18GHz)  | $\pm 4.22\text{dB}$       |
| All Emissions, Radiated (18GHz-25GHz) | $\pm 4.81\text{dB}$       |
| Temperature                           | $\pm 0.5^{\circ}\text{C}$ |
| Humidity                              | $\pm 2\%$                 |

Note: The measurement uncertainty is not included in the test result.

## 2. GENERAL INFORMATION

### 2.1 TECHNICAL SPECIFICATIONS AND REGULATIONS

#### 2.1.1 PRODUCT DESCRIPTION

A major technical description of EUT is described as following:

|                          |                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:            | 4G Smart Phone                                                                                                                                                                     |
| Trademark:               | LOGIC, UNONU, iSWAG                                                                                                                                                                |
| Model Name:              | L68 Ultra                                                                                                                                                                          |
| Family Model:            | N68 Ultra                                                                                                                                                                          |
| Model Difference:        | Only different in model name and Trademark.                                                                                                                                        |
| Frequency Bands:         | U.S. Bands:<br>LTE FDD Band 2<br>LTE FDD Band 4<br>LTE FDD Band 5<br>LTE FDD Band 7<br>LTE FDD Band 12<br>LTE FDD Band 13<br>LTE FDD Band 17<br>LTE TDD Band 38<br>LTE FDD Band 66 |
| SIM Card:                | SIM 1 and SIM 2 is a chipset unit and tested as single chipset, SIM 1 is used to tested.                                                                                           |
| Antenna:                 | FPC                                                                                                                                                                                |
| Antenna gain:            | LTE B2: 0.3dBi, LTE B4: 0.4dBi, LTE B5: -2.3dBi, LTE B7: -0.6dBi, LTE B12: -2.8dBi, LTE B13: -2.6dBi, LTE B17: -2.8dBi, LTE B38: -0.6dBi, LTE B66: 0.4dBi                          |
| Adapter:                 | Input: 100-240V, 50/60Hz, 0.2A<br>Output: 5V, 2000mA                                                                                                                               |
| Battery:                 | Capacity: 5000mAh<br>Rated Voltage: 3.8V                                                                                                                                           |
| Extreme Vol. Limits:     | 3.5V to 4.2V (Nominal 3.8V)                                                                                                                                                        |
| Extreme Temp. Tolerance: | -0°C to +40°C                                                                                                                                                                      |
| Hardware Version:        | S81D_V3.0X                                                                                                                                                                         |
| Software Version:        | N/A                                                                                                                                                                                |

Note: The antenna information refer the manufacturer provide report, applicable only to the tested sample identified in the report.

## 2.1.2 PRODUCT SPECIFICATION SUBJECTIVE TO THIS STANDARD

| Product Specification Subjective To This Standard |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tx Frequency                                      | LTE Band 2:1850~1910MHz<br>LTE Band 4:1710~1755MHz<br>LTE Band 5: 824~849MHz<br>LTE Band 7:2500~2570MHz<br>LTE Band 17: 704~716MHz<br>LTE Band 12: 699-716MHz<br>LTE Band 13: 777-787MHz<br>LTE Band 38: 2570-2620MHz<br>LTE Band 66: 1710-1780MHz                                                                                                                                                                         |
| Rx Frequency                                      | LTE Band 2: 1930-1990MHz<br>LTE Band 4: 2110-2155MHz<br>LTE Band 5: 869-894MHz<br>LTE Band 7: 2620-2690MHz<br>LTE Band 12: 729-746MHz<br>LTE Band 13: 746-756MHz<br>LTE Band 17: 734-746MHz<br>LTE Band 38: 2570-2620MHz<br>LTE Band 66: 2110-2200MHz                                                                                                                                                                      |
| Bandwidth                                         | LTE Band 2: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz<br>LTE Band 4: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz<br>LTE Band 5: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 7: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 12: 1.4MHz / 3MHz / 5MHz / 10MHz<br>LTE Band 13: 5MHz / 10MHz<br>LTE Band 17: 5MHz / 10MHz<br>LTE Band 38: 5MHz / 10MHz / 15MHz /20MHz<br>LTE Band 66: 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz /20MHz |
| Type of Modulation                                | QPSK /16QAM                                                                                                                                                                                                                                                                                                                                                                                                                |

### 2.1.3 TEST CONFIGURATION OF EQUIPMENT UNDER TEST

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 v03r01 and ANSI C63.26 2015 Power Meas. License Digital Systems with maximum output power. Radiated measurements are performed by rotating the EUT in three different orthogonal test planes to find the maximum emission.

Remark:

1. The mark 'v' means that this configuration is chosen for testing
2. The mark '-' means that this bandwidth is not supported.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated.

| ITEMS             | Band | Bandwidth (MHz) |   |   |    |    |    | Modulation |       | RB # |      |      | Test Channel |   |   |
|-------------------|------|-----------------|---|---|----|----|----|------------|-------|------|------|------|--------------|---|---|
|                   |      | 1.4             | 3 | 5 | 10 | 15 | 20 | QPSK       | 16QAM | 1    | Half | Full | L            | M | H |
| Max. Output Power | 2    | v               | v | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                   | 4    | v               | v | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                   | 5    | v               | v | v | v  |    |    | v          | v     | v    | v    | v    | v            | v | v |
|                   | 7    |                 |   | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                   | 12   | v               | v | v | v  |    |    | v          | v     | v    | v    | v    | v            | v | v |
|                   | 13   |                 |   | v | v  |    |    | v          | v     | v    | v    | v    |              | v |   |
|                   | 17   |                 |   | v | v  |    |    | v          | v     | v    | v    | v    | v            | v | v |
|                   | 38   |                 |   | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
|                   | 66   | v               | v | v | v  | v  | v  | v          | v     | v    | v    | v    | v            | v | v |
| Peak&Avera Ratio  | 2    |                 |   |   |    |    | v  | v          | v     | v    |      | v    | v            | v | v |
|                   | 4    |                 |   |   |    |    | v  | v          | v     | v    |      | v    | v            | v | v |
|                   | 5    |                 |   |   | v  |    |    | v          | v     | v    |      | v    | v            | v | v |
|                   | 7    |                 |   |   |    |    | v  | v          | v     | v    |      | v    | v            | v | v |
|                   | 12   |                 |   |   | v  |    |    | v          | v     | v    |      | v    | v            | v | v |
|                   | 13   |                 |   |   | v  |    |    | v          | v     | v    |      | v    |              | v |   |
|                   | 17   |                 |   |   | v  |    |    | v          | v     | v    |      | v    | v            | v | v |
|                   | 38   |                 |   |   |    |    | v  | v          | v     | v    |      | v    | v            | v | v |
|                   | 66   |                 |   |   |    |    | v  | v          | v     | v    |      | v    | v            | v | v |

|                     |    |   |   |   |   |   |   |   |   |   |  |   |   |   |   |
|---------------------|----|---|---|---|---|---|---|---|---|---|--|---|---|---|---|
| 26dB&99% Bandwidth  | 2  | v | v | v | v | v | v | v | v |   |  | v | v | v | v |
|                     | 4  | v | v | v | v | v | v | v | v |   |  | v | v | v | v |
|                     | 5  | v | v | v | v |   |   | v | v |   |  | v | v | v | v |
|                     | 7  | v | v | v | v |   |   | v | v |   |  | v | v | v | v |
|                     | 12 | v | v | v | v |   |   | v | v |   |  | v | v | v | v |
|                     | 13 |   |   | v | v |   |   | v | v |   |  | v |   | v |   |
|                     | 17 |   |   | v | v |   |   | v | v |   |  | v | v | v | v |
|                     | 38 |   |   | v | v | v | v | v | v |   |  | v | v | v | v |
|                     | 66 | v | v | v | v | v | v | v | v |   |  | v | v | v | v |
| Conducted Band Edge | 2  | v | v | v | v | v | v | v | v | v |  | v | v | v | v |
|                     | 4  | v | v | v | v | v | v | v | v | v |  | v | v | v | v |
|                     | 5  | v | v | v | v |   |   | v | v | v |  | v | v | v | v |
|                     | 7  |   |   | v | v | v | v | v | v | v |  | v | v | v | v |
|                     | 12 | v | v | v | v |   |   | v | v | v |  | v | v | v | v |
|                     | 13 |   |   | v | v |   |   | v | v | v |  | v |   | v |   |

|                                   |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----------------------------------|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|
|                                   | 17 | 17 |   |   | v | v |   |   | v | v | v |   | v | v | v |
|                                   | 38 |    |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                                   | 66 | v  | v | v | v | v | v | v | v | v |   | v | v | v | v |
| Conducted<br>Spurious<br>Emission | 2  | v  | v | v | v | v | v | v | v | v |   |   | v | v | v |
|                                   | 4  | v  | v | v | v | v | v | v | v | v |   |   | v | v | v |
|                                   | 5  | v  | v | v | v |   |   | v | v | v |   |   | v | v | v |
|                                   | 7  |    |   | v | v | v | v | v | v | v |   |   | v | v | v |
|                                   | 12 | v  | v | v | v |   |   | v | v | v |   |   | v | v | v |
|                                   | 13 |    |   | v | v |   |   | v | v | v |   |   |   | v |   |
|                                   | 17 |    |   | v | v |   |   | v | v | v |   |   | v | v | v |
|                                   | 38 |    |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                                   | 66 | v  | v | v | v | v | v | v | v | v |   |   | v | v | v |

|                                  |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|----------------------------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Frequency<br>Stability           | 2  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 4  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 5  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 7  |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 12 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 13 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 17 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
|                                  | 38 |   |   |   |   |   | v | v | v | v |   | v | v | v | v |
|                                  | 66 |   |   |   | v |   |   | v |   |   |   | v |   | v |   |
| E.R.P.&<br>E.I.R.P.              | 2  | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
|                                  | 4  | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
|                                  | 5  | v | v | v | v |   |   | v | v | v | v | v | v | v | v |
|                                  | 7  |   |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                                  | 12 | v | v | v | v |   |   | v | v | v | v | v | v | v | v |
|                                  | 13 |   |   | v | v |   |   | v | v | v | v | v |   | v |   |
|                                  | 17 |   |   | v | v |   |   | v | v | v | v | v | v | v | v |
|                                  | 38 |   |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                                  | 66 | v | v | v | v | v | v | v | v | v | v | v | v | v | v |
| Radiated<br>Spurious<br>Emission | 2  | v | v | v | v | v | v | v |   | v |   |   | v | v | v |
|                                  | 4  | v | v | v | v | v | v | v |   | v |   |   | v | v | v |
|                                  | 5  | v | v | v | v |   |   | v |   | v |   |   | v | v | v |
|                                  | 7  |   |   | v | v | v | v | v |   | v |   |   | v | v | v |
|                                  | 12 | v | v | v | v |   |   | v |   | v |   |   | v | v | v |
|                                  | 13 |   |   | v | v |   |   | v |   | v |   |   |   | v |   |
|                                  | 17 |   |   | v | v |   |   | v |   | v |   |   | v | v | v |
|                                  | 38 |   |   | v | v | v | v | v | v | v | v | v | v | v | v |
|                                  | 66 | v | v | v | v | v | v | v |   | v |   |   | v | v | v |

#### 2.1.4 RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for filing to comply with the 47 CFR Part 2, 22, 24, 27.

#### 2.1.5 SPECIAL ACCESSORIES

The battery and the charger, earphone supplied by the applicant were used as accessories and being tested with eut intended for fcc grant together.

#### 2.1.6 EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

#### 2.1.7 EUT EXERCISE

The Transmitter was operated in the maximum output power mode through Communication Tester. The TX frequency was fixed which was for the purpose of the measurements.

### 2.1.8 CONFIGURATION OF EUT SYSTEM

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.



Table 2-1 Equipment Used in EUT System

| Item | Equipment | Model No. | Length | Note |
|------|-----------|-----------|--------|------|
| N/A  |           |           |        | N/A  |
|      |           |           |        |      |
|      |           |           |        |      |
|      |           |           |        |      |

Note:

- (1) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (2) “YES” is means “with core”; “NO” is means “without core”.

## 2.1.9 MEASUREMENT INSTRUMENTS

The radiated emission testing was performed according to the procedures of ANSI C63.26 2015 and FCC CFR 47 rules of 2.1046, 2.1047, 2.1049, 2.1051, 2.1053, 2.1055, 2.1057.

| Radiation Test equipment     |                     |           |            |            |            |
|------------------------------|---------------------|-----------|------------|------------|------------|
| Equipment                    | Manufacturer        | Model No. | Serial No. | Cal. Date  | Cal. Until |
| EMI Test Receiver            | R&S                 | ESU       | 100372     | 2023.04.13 | 2024.04.12 |
| Spectrum Analyzer            | Keysight            | N9010B    | MY60242508 | 2023.04.10 | 2024.04.09 |
| Active loop Antenna          | ETS                 | 6502      | 00049544   | 2023.04.10 | 2024.04.09 |
| Bilog Antenna                | SCHWARZBECK         | VULB 9168 | 01447      | 2022.06.05 | 2025.06.04 |
| Horn Antenna                 | SCHWARZBECK         | 3115      | 10SL0060   | 2022.06.02 | 2025.06.01 |
| Pre-amplifier<br>(9kHz-1GHz) | EMtrace             | RP01A     | 02017      | 2023.04.07 | 2024.04.06 |
| Pre-amplifier(1-26.5G)       | Agilent             | 8449B     | 3008A4722  | 2023.04.07 | 2024.04.06 |
| RE Cable (9K-1G)             | N.A                 | R01       | N.A        | 2023.04.07 | 2024.04.06 |
| RE Cable (1-26G)             | N.A                 | R02       | N.A        | 2023.04.07 | 2024.04.06 |
| Temperature & Humidity       | KTJ                 | TA218B    | N.A        | 2023.04.24 | 2024.04.23 |
| Testing Software             | EMC-I_V1.4.0.3_SKET |           |            |            |            |

| RF Connected Test equipment           |                            |           |            |            |            |
|---------------------------------------|----------------------------|-----------|------------|------------|------------|
| Equipment                             | Manufacturer               | Model No. | Serial No. | Cal. Date  | Cal. Until |
| Signal Generator                      | Keysight                   | N5182B    | MY59100717 | 2023.04.10 | 2024.04.09 |
| Signal Analyzer                       | Keysight                   | N9010B    | MY60242508 | 2023.04.13 | 2024.04.12 |
| Wireless Communications<br>Test Set   | R&S                        | CMW 500   | 137737     | 2023.04.13 | 2024.04.12 |
| Temperature & Humidity                | KTJ                        | TA218B    | N/A        | 2023.04.24 | 2024.04.23 |
| Temperature& Humidity<br>test chamber | AISRY                      | LX-1000L  | 171200018  | 2023.05.10 | 2024.05.09 |
| Attenuator                            | eastsheep                  | 90db      | N/A        | 2023.04.10 | 2024.04.09 |
| Testing Software                      | MTS 8310_2.0.0.0_MWRF-TEST |           |            |            |            |

### 3. CONDUCTED OUTPUT POWER

#### 3.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

##### 3.1.1 MEASUREMENT METHOD

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

Configuration follows KDB 971168 D01 v03r01.

##### 3.1.2 TEST SETUP



##### 3.1.3 TEST PROCEDURES

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

##### 3.1.4 TEST RESULTS

Note: Test chart See Appendix I

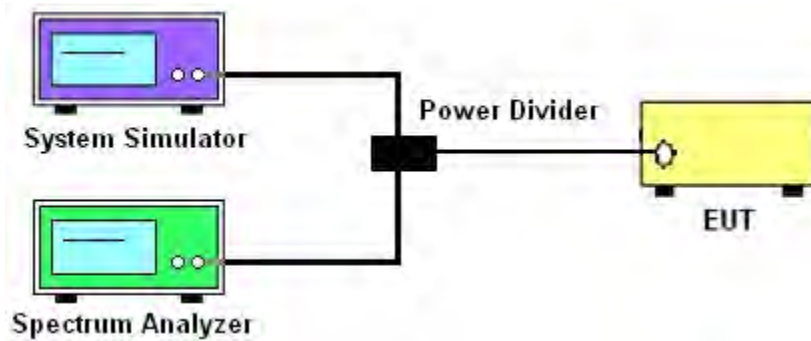
## 4. PEAK-TO-AVERAGE RATIO

### 4.1 DESCRIPTION OF THE CONDUCTED OUTPUT POWER MEASUREMENT

#### 4.1.1 LIMIT

The peak-to-average ratio (PAR) of the transmission may not exceed 13 db.

#### 4.1.2 TEST SETUP



#### 4.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01 v03r01 Section 5.7 and ANSI C63.26 2015 Section 5.2.6.
2. The EUT was connected to spectrum and system simulator via a power divider
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure the peak and average power of the spectrum analyzer
5. Record the deviation as Peak to Average Ratio.

|             | LTE    |        |        |        |         |         |
|-------------|--------|--------|--------|--------|---------|---------|
| LTE BW      | 1.4M   | 3M     | 5M     | 10M    | 15M     | 20M     |
| Span        | 3MHz   | 6MHz   | 10MHz  | 20MHz  | 30MHz   | 40MHz   |
| RBW         | 30kHz  | 30kHz  | 100kHz | 100kHz | 300kHz  | 300kHz  |
| VBW         | 100kHz | 100kHz | 300kHz | 300kHz | 1000kHz | 1000kHz |
| Detector    | PK/AVG | PK/AVG | PK/AVG | PK/AVG | PK/AVG  | PK/AVG  |
| Trace       | Max    | Max    | Max    | Max    | Max     | Max     |
| Sweep Count | Auto   | Auto   | Auto   | Auto   | Auto    | Auto    |

#### 4.1.4 TEST RESULTS

Note: Test chart See Appendix I

## 5. RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER

### 5.1 DESCRIPTION OF THE ERP/EIRP MEASUREMENT

#### 5.1.1 APPLICABLE STANDARD

According to FCC Part 2.1046 and Part 22.913 (a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.

According to FCC Part 2.1046 and Part 24.232 (C), 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.

According to Part 24.232 (d) Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of Part 24.51. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

According to FCC Part 2.1046 and Part 27.50 (d), (4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

According to Part 27.50

(b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

(c) (10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 Hz uplink band are limited to 3 watts ERP

(d), (4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications.

(h).(2) Mobile stations are limited to 2.0 watts EIRP, All user stations are limited to 2.0 watts transmitter output power.

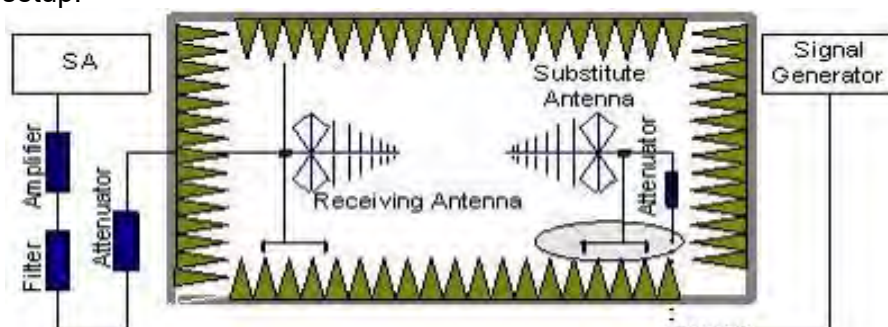
According to Part 90.635

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

#### 5.1.2 TEST SETUP

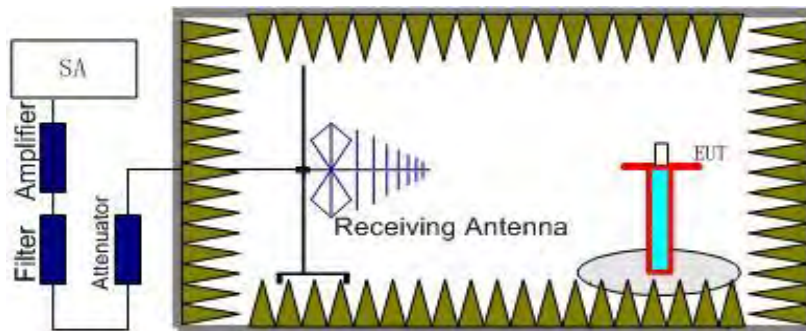
The procedure of radiated spurious emissions is as follows:

a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions (RSE) is calculated as,  $RSE = R_x \text{ (dBuV)} + CL \text{ (dB)} + SA \text{ (dB)} + Gain \text{ (dBi)} - 107 \text{ (dBuV to dBm)}$  The SA is calibrated using following setup.



b) EUT was placed on a 1.5m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the

receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic measured with peak detector and 1MHz bandwidth.



Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of any band into any of the other blocks.

The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:

$$\text{Power} = \text{PMea} + \text{ARpl}$$

### 5.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01v03r01 Section 5.6 and ANSI C63.26 2015 Section 5.2.
2. The EUT was placed on a non-conductive rotating platform 1.5 meters high in a semi-anechoic chamber. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and a spectrum analyzer with Peak detector.
3. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power. The maximum emission was recorded from analyzer power level (LVL) from the 360 degrees rotation of the turntable and the test antenna raised and lowered over a range from 1 to 4 m in both horizontally and vertically polarized orientations.
4. Effective Isotropic Radiated Power (EIRP) was measured by substitution method according to ANSI C63.26 2015. The EUT was replaced by dipole antenna (substitution antenna) at same location and then a known power from S.G. was applied into the dipole antenna through a Tx cable, and then recorded the maximum Analyzer reading through raised and lowered the test antenna.  $\text{EIRP} = \text{S.G Level} + \text{Gain} - \text{Cable loss}$ ;  $\text{ERP} = \text{S.G Level} + \text{Gain} - \text{Cable loss} - 2.15$ .
5. RB Set greater than bandwidth, VB Set spectrum analyzer Maximum support.

### 5.1.4 TEST RESULTS

Note: Test is divided into three directions, X/Y/Z. X pattern for the worst.

Note: Test chart See Appendix I

## 6. OCCUPIED BANDWIDTH

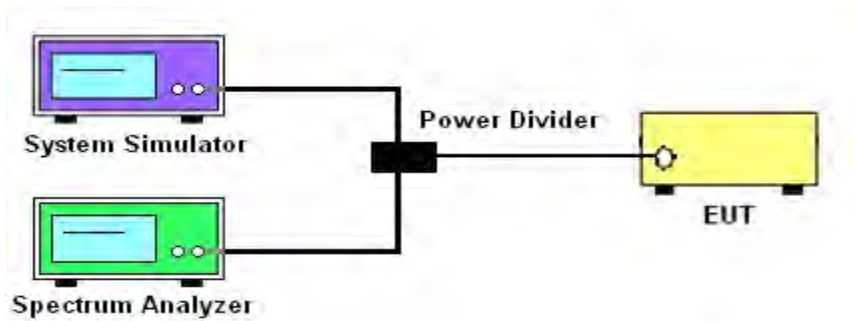
### 6.1 DESCRIPTION OF OCCUPIED BANDWIDTH MEASUREMENT

#### 6.1.1 MEASUREMENT METHOD

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

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

#### 6.1.2 TEST SETUP



#### 6.1.3 TEST PROCEDURES

1. The testing follows FCC KDB 971168 D01 v03r01 Section 4.2 and 4.3.
2. The EUT was connected to spectrum and system simulator via a power divider.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Set the test probe and measure the Occupied Bandwidth of the spectrum analyzer.
5. Measure and record the Occupied Bandwidth from the Spectrum Analyzer.

|             | LTE    |        |        |        |         |         |
|-------------|--------|--------|--------|--------|---------|---------|
| LTE BW      | 1.4M   | 3M     | 5M     | 10M    | 15M     | 20M     |
| Span        | 3MHz   | 6MHz   | 10MHz  | 20MHz  | 30MHz   | 40MHz   |
| RBW         | 30kHz  | 30kHz  | 100kHz | 100kHz | 300kHz  | 300kHz  |
| VBW         | 100kHz | 100kHz | 300kHz | 300kHz | 1000kHz | 1000kHz |
| Detector    | PK     | PK     | PK     | PK     | PK      | PK      |
| Trace       | Max    | Max    | Max    | Max    | Max     | Max     |
| Sweep Count | Auto   | Auto   | Auto   | Auto   | Auto    | Auto    |

#### 6.1.4 MEASUREMENT RESULT

Note: Test chart See Appendix I

## 7. CONDUCTED BAND EDGE

### 7.1 DESCRIPTION OF CONDUCTED BAND EDGE MEASUREMENT

#### 7.1.1 MEASUREMENT METHOD

1. §22.917(a)

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

2. §24.238 (a)

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

3. §27.53 (h)

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

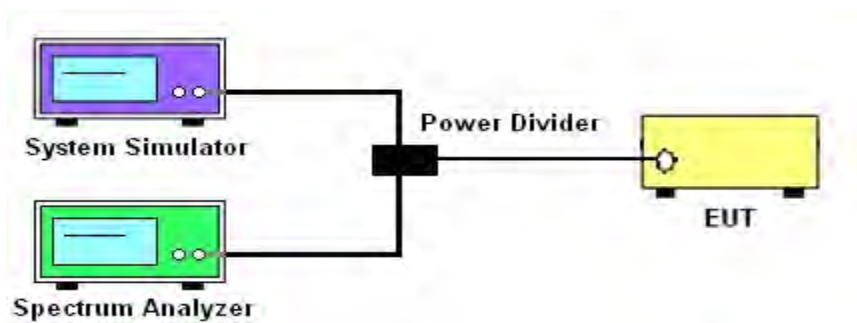
4. §27.53(m)(4)

For operations in the 2500 MHz ~ 2570 MHz band this section, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less than  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

5. §27.53 (g)

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

### 7.1.2 TEST SETUP



### 7.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26 2015 Section 5.7.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The band edges of low and high channels for the highest RF powers were measured. Set RBW  $\geq 1\%$  EBW in the 1MHz band immediately outside and adjacent to the band edge.
4. Set spectrum analyzer with RMS/AVG detector.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)
 
$$= P(W) - [43 + 10\log(P)] \text{ (dB)}$$

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

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

Band 7:

$$= P(W) - [55 + 10\log(P)] \text{ (dB)}$$

$$= [30 + 10\log(P)] \text{ (dBm)} - [55 + 10\log(P)] \text{ (dB)}$$

$$= -25\text{dBm}.$$

|             | LTE    |        |        |        |         |         |
|-------------|--------|--------|--------|--------|---------|---------|
| LTE BW      | 1.4M   | 3M     | 5M     | 10M    | 15M     | 20M     |
| Span        | 12MHz  | 13MHz  | 15MHz  | 20MHz  | 25MHz   | 30MHz   |
| RBW         | 30kHz  | 30kHz  | 100kHz | 100kHz | 300kHz  | 300kHz  |
| VBW         | 100kHz | 100kHz | 300kHz | 300kHz | 1000kHz | 1000kHz |
| Detector    | RMS    | RMS    | RMS    | RMS    | RMS     | RMS     |
| Trace       | Max    | Max    | Max    | Max    | Max     | Max     |
| Sweep Count | Auto   | Auto   | Auto   | Auto   | Auto    | Auto    |

### 7.1.4 MEASUREMENT RESULT

Note: Test chart See Appendix I

## 8. CONDUCTED SPURIOUS EMISSION

### 8.1 DESCRIPTION OF CONDUCTED SPURIOUS EMISSION MEASUREMENT

#### 8.1.1 MEASUREMENT METHOD

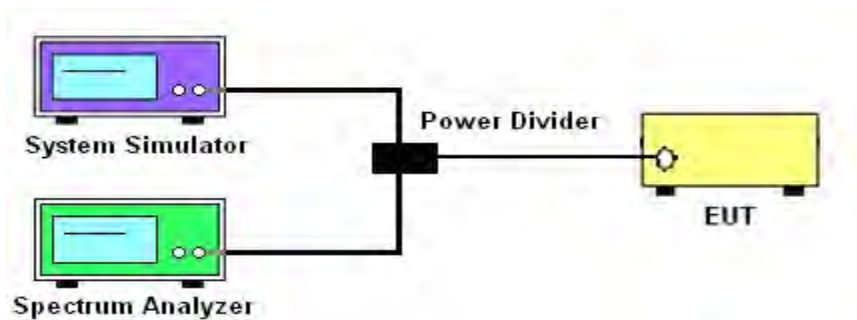
The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For Band 7:

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

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

#### 8.1.2 TEST SETUP



#### 8.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 v03r01 Section 6.0 and ANSI C63.26 2015 Section 5.7.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement
4. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
5. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
6. The limit line is derived from  $43 + 10\log(P)$  dB below the transmitter power P(Watts)  
 $= P(W) - [43 + 10\log(P)] \text{ (dB)} = [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$   
 $= -13\text{dBm}.$

For Band 7:  $P(W) - [43 + 10\log(P)] \text{ (dB)} = -25\text{dBm}$

|          | LTE     |         |         |         |         |         |
|----------|---------|---------|---------|---------|---------|---------|
| LTE BW   | 1.4M    | 3M      | 5M      | 10M     | 15M     | 20M     |
| Span     | Auto    | Auto    | Auto    | Auto    | Auto    | Auto    |
| RBW      | 1000kHz | 1000kHz | 1000kHz | 1000kHz | 1000kHz | 1000kHz |
| VBW      | 3000kHz | 3000kHz | 3000kHz | 3000kHz | 3000kHz | 3000kHz |
| Detector | PK      | PK      | PK      | PK      | PK      | PK      |
| Trace    | Max     | Max     | Max     | Max     | Max     | Max     |

#### 8.1.4 TEST RESULTS

Note: Test chart See Appendix I

## 9. RADIATED SPURIOUS EMISSION

### 9.1 DESCRIPTION OF RADIATED SPURIOUS EMISSION

#### 9.1.1 MEASUREMENT METHOD

The radiated spurious emission was measured by substitution method according to ANSI C63.26 2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $43 + 10 \log (P)$  dB.

For Band 7 The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least  $55 + 10 \log (P)$  dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

#### 9.1.2 TEST SETUP

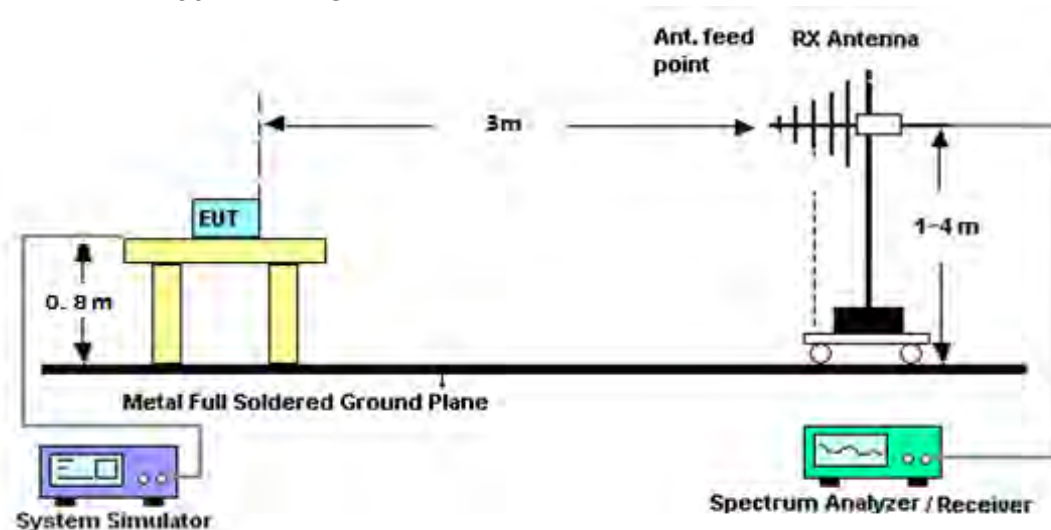
The procedure of radiated spurious emissions is as follows:

a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as,  $RSE = Rx \text{ (dBuV)} + CL \text{ (dB)} + SA \text{ (dB)} + Gain \text{ (dBi)} - 107 \text{ (dBuV to dBm)}$  The SA is calibrated using following setup.

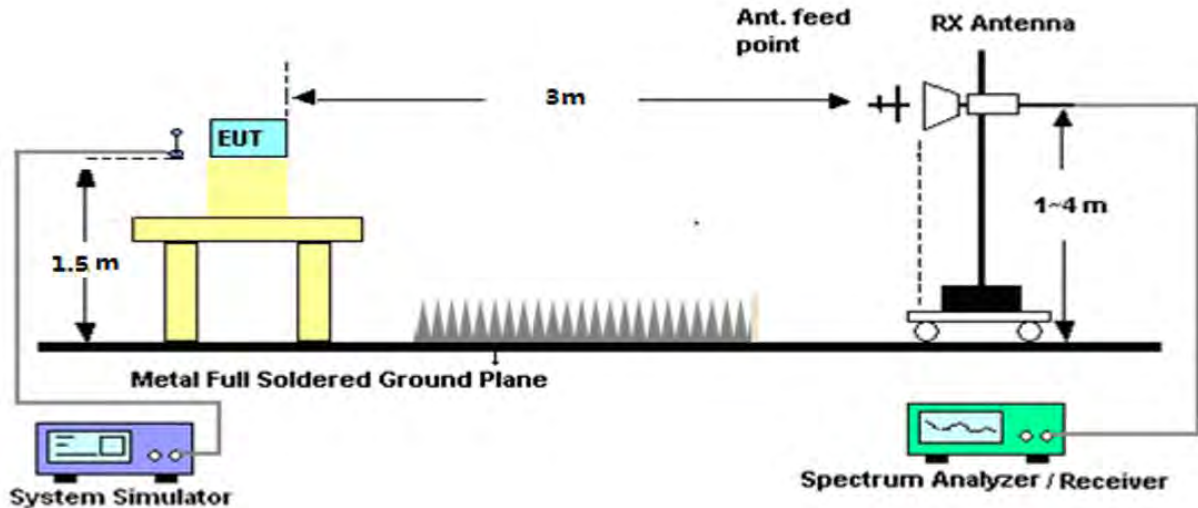
b) EUT was placed on 1.5 m non-conductive stand at a 3 m test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 m from the test item for emission measurements. The height of receiving antenna is 0.8m. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the test item and adjusting the receiving antenna polarization. The radiated emission measurements of all non-harmonic and harmonics of the transmit frequency through the 10th harmonic measured with peak detector and 1MHz bandwidth.

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of any band into any of the other blocks.

The substitution method is used. Substitution values at each frequency are measured before and saved to the test software. A "reference path loss" is established and the ARpl is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss and the air loss. The measurement results are obtained as described below:  $Power = P_{Mea} + AR_{pl}$  For radiated test from 30MHz to 1GHz



For radiated test from above 1GHz



### 9.1.3 TEST PROCEDURES

1. The testing FCC KDB 971168 D01 Section 7 and ANSI C63.26 2015 Section 5.5.
2. The EUT was placed on a rotatable wooden table with 1.5 meter above ground.
3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
4. The table was rotated 360 degrees to determine the position of the highest spurious emission.
5. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
9. Taking the record of output power at antenna port.
10. Repeat step 7 to step 8 for another polarization.
11. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

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

For Band 7:

The limit line is derived from  $55 + 10\log(P)$  dB below the transmitter power P(Watts)  
 $= [30 + 10\log(P)]$  (dBm) -  $[55 + 10\log(P)]$  (dB)  
 $= -25$  dBm

$P_{Mea} = S.G \text{ Level} + \text{Ant-Cable loss}$ ;  $\text{Margin} = P_{Mea} - \text{Limit}$ .

### 9.1.4 TEST RESULTS

Note: Test chart See Appendix I

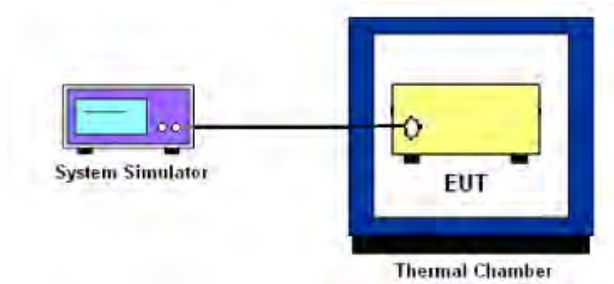
## 10. FREQUENCY STABILITY

### 10.1 DESCRIPTION OF FREQUENCY STABILITY MEASUREMENT

#### 10.1.1 MEASUREMENT METHOD

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

#### 10.1.2 TEST SETUP



#### 10.1.3 TEST PROCEDURES FOR TEMPERATURE VARIATION

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

#### 10.1.4 TEST PROCEDURES FOR VOLTAGE VARIATION

1. The testing follows FCC KDB 971168 D01v01r03 Section 9.
2. The EUT was placed in a temperature chamber at  $25 \pm 5^{\circ}\text{C}$  and connected with the system simulator.
3. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
4. The variation in frequency was measured for the worst case.

#### 10.1.5 TEST RESULTS

Note: Test chart See Appendix I

## APPENDIX I - TEST DATA

Conducted output power

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------|------------|------------------|---------|
| Band2 | 1.4             | 18607      | 1       | #0          | QPSK       | 25.16       | 0.3       | 25.46      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Mid        | QPSK       | 25.14       | 0.3       | 25.44      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Max        | QPSK       | 25.13       | 0.3       | 25.43      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #0          | QPSK       | 25.05       | 0.3       | 25.35      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Mid        | QPSK       | 24.99       | 0.3       | 25.29      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Max        | QPSK       | 25.07       | 0.3       | 25.37      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | 24.13       | 0.3       | 24.43      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #0          | 16QAM      | 25.08       | 0.3       | 25.38      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Mid        | 16QAM      | 25.06       | 0.3       | 25.36      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Max        | 16QAM      | 25.12       | 0.3       | 25.42      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #0          | 16QAM      | 24.35       | 0.3       | 24.65      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Mid        | 16QAM      | 24.35       | 0.3       | 24.65      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Max        | 16QAM      | 24.38       | 0.3       | 24.68      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | 16QAM      | 23.32       | 0.3       | 23.62      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | QPSK       | 25.25       | 0.3       | 25.55      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Mid        | QPSK       | 25.26       | 0.3       | 25.56      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Max        | QPSK       | 25.19       | 0.3       | 25.49      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #0          | QPSK       | 25.36       | 0.3       | 25.66      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Mid        | QPSK       | 25.25       | 0.3       | 25.55      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Max        | QPSK       | 25.32       | 0.3       | 25.62      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | 24.24       | 0.3       | 24.54      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | 16QAM      | 23.85       | 0.3       | 24.15      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Mid        | 16QAM      | 23.79       | 0.3       | 24.09      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Max        | 16QAM      | 23.81       | 0.3       | 24.11      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #0          | 16QAM      | 24.20       | 0.3       | 24.50      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Mid        | 16QAM      | 24.21       | 0.3       | 24.51      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Max        | 16QAM      | 24.29       | 0.3       | 24.59      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | 16QAM      | 23.46       | 0.3       | 23.76      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | QPSK       | 25.40       | 0.3       | 25.70      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Mid        | QPSK       | 25.40       | 0.3       | 25.70      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Max        | QPSK       | 25.44       | 0.3       | 25.74      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #0          | QPSK       | 25.36       | 0.3       | 25.66      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Mid        | QPSK       | 25.38       | 0.3       | 25.68      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Max        | QPSK       | 25.38       | 0.3       | 25.68      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | 24.37       | 0.3       | 24.67      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | 16QAM      | 24.42       | 0.3       | 24.72      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Mid        | 16QAM      | 24.41       | 0.3       | 24.71      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Max        | 16QAM      | 24.50       | 0.3       | 24.80      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #0          | 16QAM      | 24.38       | 0.3       | 24.68      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Mid        | 16QAM      | 24.46       | 0.3       | 24.76      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Max        | 16QAM      | 24.33       | 0.3       | 24.63      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | 16QAM      | 23.57       | 0.3       | 23.87      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #0          | QPSK       | 25.02       | 0.3       | 25.32      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Mid        | QPSK       | 24.99       | 0.3       | 25.29      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Max        | QPSK       | 25.08       | 0.3       | 25.38      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #0          | QPSK       | 24.07       | 0.3       | 24.37      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Mid        | QPSK       | 24.13       | 0.3       | 24.43      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Max        | QPSK       | 24.11       | 0.3       | 24.41      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | QPSK       | 24.09       | 0.3       | 24.39      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #0          | 16QAM      | 24.90       | 0.3       | 25.20      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Mid        | 16QAM      | 24.72       | 0.3       | 25.02      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Max        | 16QAM      | 24.91       | 0.3       | 25.21      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #0          | 16QAM      | 23.38       | 0.3       | 23.68      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Mid        | 16QAM      | 23.38       | 0.3       | 23.68      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Max        | 16QAM      | 23.47       | 0.3       | 23.77      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | 16QAM      | 23.17       | 0.3       | 23.47      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 1       | #0          | QPSK       | 25.33       | 0.3       | 25.63      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 1       | #Mid        | QPSK       | 25.22       | 0.3       | 25.52      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 1       | #Max        | QPSK       | 25.27       | 0.3       | 25.57      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 8       | #0          | QPSK       | 24.22       | 0.3       | 24.52      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 8       | #Mid        | QPSK       | 24.23       | 0.3       | 24.53      | 33.01            | PASS    |

|       |    |       |    |      |       |       |     |       |       |      |
|-------|----|-------|----|------|-------|-------|-----|-------|-------|------|
| Band2 | 3  | 18900 | 8  | #Max | QPSK  | 24.14 | 0.3 | 24.44 | 33.01 | PASS |
| Band2 | 3  | 18900 | 15 | #0   | QPSK  | 24.27 | 0.3 | 24.57 | 33.01 | PASS |
| Band2 | 3  | 18900 | 1  | #0   | 16QAM | 24.11 | 0.3 | 24.41 | 33.01 | PASS |
| Band2 | 3  | 18900 | 1  | #Mid | 16QAM | 24.00 | 0.3 | 24.30 | 33.01 | PASS |
| Band2 | 3  | 18900 | 1  | #Max | 16QAM | 23.87 | 0.3 | 24.17 | 33.01 | PASS |
| Band2 | 3  | 18900 | 8  | #0   | 16QAM | 23.16 | 0.3 | 23.46 | 33.01 | PASS |
| Band2 | 3  | 18900 | 8  | #Mid | 16QAM | 23.17 | 0.3 | 23.47 | 33.01 | PASS |
| Band2 | 3  | 18900 | 8  | #Max | 16QAM | 23.20 | 0.3 | 23.50 | 33.01 | PASS |
| Band2 | 3  | 18900 | 15 | #0   | 16QAM | 23.48 | 0.3 | 23.78 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #0   | QPSK  | 25.26 | 0.3 | 25.56 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Mid | QPSK  | 25.32 | 0.3 | 25.62 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Max | QPSK  | 25.30 | 0.3 | 25.60 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #0   | QPSK  | 24.46 | 0.3 | 24.76 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Mid | QPSK  | 24.38 | 0.3 | 24.68 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Max | QPSK  | 24.42 | 0.3 | 24.72 | 33.01 | PASS |
| Band2 | 3  | 19185 | 15 | #0   | QPSK  | 24.32 | 0.3 | 24.62 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #0   | 16QAM | 25.53 | 0.3 | 25.83 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Mid | 16QAM | 25.43 | 0.3 | 25.73 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Max | 16QAM | 25.55 | 0.3 | 25.85 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #0   | 16QAM | 23.38 | 0.3 | 23.68 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Mid | 16QAM | 23.32 | 0.3 | 23.62 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Max | 16QAM | 23.37 | 0.3 | 23.67 | 33.01 | PASS |
| Band2 | 3  | 19185 | 15 | #0   | 16QAM | 23.55 | 0.3 | 23.85 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #0   | QPSK  | 25.00 | 0.3 | 25.30 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | QPSK  | 24.97 | 0.3 | 25.27 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | QPSK  | 25.06 | 0.3 | 25.36 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | QPSK  | 23.98 | 0.3 | 24.28 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | QPSK  | 24.14 | 0.3 | 24.44 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | QPSK  | 24.06 | 0.3 | 24.36 | 33.01 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | QPSK  | 24.18 | 0.3 | 24.48 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #0   | 16QAM | 24.14 | 0.3 | 24.44 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | 16QAM | 24.26 | 0.3 | 24.56 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | 16QAM | 24.31 | 0.3 | 24.61 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | 16QAM | 23.09 | 0.3 | 23.39 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | 16QAM | 23.17 | 0.3 | 23.47 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | 16QAM | 23.16 | 0.3 | 23.46 | 33.01 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | 16QAM | 23.34 | 0.3 | 23.64 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | QPSK  | 25.41 | 0.3 | 25.71 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | QPSK  | 25.33 | 0.3 | 25.63 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | QPSK  | 25.35 | 0.3 | 25.65 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | QPSK  | 24.38 | 0.3 | 24.68 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | QPSK  | 24.31 | 0.3 | 24.61 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | QPSK  | 24.28 | 0.3 | 24.58 | 33.01 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | QPSK  | 24.19 | 0.3 | 24.49 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | 16QAM | 24.45 | 0.3 | 24.75 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | 16QAM | 24.48 | 0.3 | 24.78 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | 16QAM | 24.35 | 0.3 | 24.65 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | 16QAM | 23.19 | 0.3 | 23.49 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | 16QAM | 23.15 | 0.3 | 23.45 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | 16QAM | 23.17 | 0.3 | 23.47 | 33.01 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | 16QAM | 23.34 | 0.3 | 23.64 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | QPSK  | 25.23 | 0.3 | 25.53 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | QPSK  | 25.17 | 0.3 | 25.47 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | QPSK  | 25.16 | 0.3 | 25.46 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #0   | QPSK  | 24.32 | 0.3 | 24.62 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | QPSK  | 24.39 | 0.3 | 24.69 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | QPSK  | 24.33 | 0.3 | 24.63 | 33.01 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | QPSK  | 24.34 | 0.3 | 24.64 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | 16QAM | 25.00 | 0.3 | 25.30 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | 16QAM | 24.96 | 0.3 | 25.26 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | 16QAM | 24.98 | 0.3 | 25.28 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #0   | 16QAM | 23.41 | 0.3 | 23.71 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | 16QAM | 23.37 | 0.3 | 23.67 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | 16QAM | 23.42 | 0.3 | 23.72 | 33.01 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | 16QAM | 23.60 | 0.3 | 23.90 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | QPSK  | 24.99 | 0.3 | 25.29 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QPSK  | 25.05 | 0.3 | 25.35 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | QPSK  | 25.19 | 0.3 | 25.49 | 33.01 | PASS |

|       |    |       |    |      |       |       |     |       |       |      |
|-------|----|-------|----|------|-------|-------|-----|-------|-------|------|
| Band2 | 10 | 18650 | 25 | #0   | QPSK  | 24.03 | 0.3 | 24.33 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | QPSK  | 24.20 | 0.3 | 24.50 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QPSK  | 24.26 | 0.3 | 24.56 | 33.01 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | QPSK  | 24.09 | 0.3 | 24.39 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | 16QAM | 25.13 | 0.3 | 25.43 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | 16QAM | 25.22 | 0.3 | 25.52 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | 16QAM | 25.23 | 0.3 | 25.53 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | 16QAM | 23.18 | 0.3 | 23.48 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | 16QAM | 23.27 | 0.3 | 23.57 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | 16QAM | 23.33 | 0.3 | 23.63 | 33.01 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | 16QAM | 23.22 | 0.3 | 23.52 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QPSK  | 25.25 | 0.3 | 25.55 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QPSK  | 25.19 | 0.3 | 25.49 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QPSK  | 25.24 | 0.3 | 25.54 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QPSK  | 24.32 | 0.3 | 24.62 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | QPSK  | 24.32 | 0.3 | 24.62 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QPSK  | 24.33 | 0.3 | 24.63 | 33.01 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QPSK  | 24.33 | 0.3 | 24.63 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | 16QAM | 25.00 | 0.3 | 25.30 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | 16QAM | 24.99 | 0.3 | 25.29 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | 16QAM | 24.97 | 0.3 | 25.27 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | 16QAM | 23.40 | 0.3 | 23.70 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | 16QAM | 23.42 | 0.3 | 23.72 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | 16QAM | 23.42 | 0.3 | 23.72 | 33.01 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | 16QAM | 23.34 | 0.3 | 23.64 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QPSK  | 25.43 | 0.3 | 25.73 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QPSK  | 25.42 | 0.3 | 25.72 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QPSK  | 25.46 | 0.3 | 25.76 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QPSK  | 24.35 | 0.3 | 24.65 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | QPSK  | 24.30 | 0.3 | 24.60 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | QPSK  | 24.44 | 0.3 | 24.74 | 33.01 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | QPSK  | 24.37 | 0.3 | 24.67 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | 16QAM | 24.36 | 0.3 | 24.66 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | 16QAM | 24.36 | 0.3 | 24.66 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | 16QAM | 24.42 | 0.3 | 24.72 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | 16QAM | 23.44 | 0.3 | 23.74 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | 16QAM | 23.52 | 0.3 | 23.82 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | 16QAM | 23.50 | 0.3 | 23.80 | 33.01 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | 16QAM | 23.50 | 0.3 | 23.80 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | QPSK  | 24.98 | 0.3 | 25.28 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | QPSK  | 25.12 | 0.3 | 25.42 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | QPSK  | 25.34 | 0.3 | 25.64 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | QPSK  | 24.14 | 0.3 | 24.44 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Mid | QPSK  | 24.26 | 0.3 | 24.56 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | QPSK  | 24.24 | 0.3 | 24.54 | 33.01 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | QPSK  | 24.13 | 0.3 | 24.43 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | 16QAM | 25.13 | 0.3 | 25.43 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | 16QAM | 25.18 | 0.3 | 25.48 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | 16QAM | 25.50 | 0.3 | 25.80 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | 16QAM | 23.29 | 0.3 | 23.59 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Mid | 16QAM | 23.34 | 0.3 | 23.64 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | 16QAM | 23.46 | 0.3 | 23.76 | 33.01 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | 16QAM | 23.22 | 0.3 | 23.52 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #0   | QPSK  | 25.33 | 0.3 | 25.63 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Mid | QPSK  | 25.26 | 0.3 | 25.56 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Max | QPSK  | 25.28 | 0.3 | 25.58 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #0   | QPSK  | 24.31 | 0.3 | 24.61 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Mid | QPSK  | 24.21 | 0.3 | 24.51 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Max | QPSK  | 24.23 | 0.3 | 24.53 | 33.01 | PASS |
| Band2 | 15 | 18900 | 75 | #0   | QPSK  | 24.20 | 0.3 | 24.50 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #0   | 16QAM | 25.09 | 0.3 | 25.39 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Mid | 16QAM | 25.06 | 0.3 | 25.36 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Max | 16QAM | 25.06 | 0.3 | 25.36 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #0   | 16QAM | 23.51 | 0.3 | 23.81 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Mid | 16QAM | 23.44 | 0.3 | 23.74 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Max | 16QAM | 23.49 | 0.3 | 23.79 | 33.01 | PASS |
| Band2 | 15 | 18900 | 75 | #0   | 16QAM | 23.33 | 0.3 | 23.63 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #0   | QPSK  | 25.20 | 0.3 | 25.50 | 33.01 | PASS |

|       |    |       |     |      |       |       |     |       |       |      |
|-------|----|-------|-----|------|-------|-------|-----|-------|-------|------|
| Band2 | 15 | 19125 | 1   | #Mid | QPSK  | 25.35 | 0.3 | 25.65 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #Max | QPSK  | 25.31 | 0.3 | 25.61 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #0   | QPSK  | 24.44 | 0.3 | 24.74 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #Mid | QPSK  | 24.35 | 0.3 | 24.65 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #Max | QPSK  | 24.44 | 0.3 | 24.74 | 33.01 | PASS |
| Band2 | 15 | 19125 | 75  | #0   | QPSK  | 24.30 | 0.3 | 24.60 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #0   | 16QAM | 25.15 | 0.3 | 25.45 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #Mid | 16QAM | 25.29 | 0.3 | 25.59 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1   | #Max | 16QAM | 25.27 | 0.3 | 25.57 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #0   | 16QAM | 23.36 | 0.3 | 23.66 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #Mid | 16QAM | 23.37 | 0.3 | 23.67 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36  | #Max | 16QAM | 23.45 | 0.3 | 23.75 | 33.01 | PASS |
| Band2 | 15 | 19125 | 75  | #0   | 16QAM | 23.55 | 0.3 | 23.85 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | QPSK  | 25.10 | 0.3 | 25.40 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | QPSK  | 25.32 | 0.3 | 25.62 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | QPSK  | 25.55 | 0.3 | 25.85 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | QPSK  | 24.11 | 0.3 | 24.41 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Mid | QPSK  | 24.19 | 0.3 | 24.49 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | QPSK  | 24.35 | 0.3 | 24.65 | 33.01 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | QPSK  | 24.16 | 0.3 | 24.46 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | 16QAM | 24.26 | 0.3 | 24.56 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | 16QAM | 24.29 | 0.3 | 24.59 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | 16QAM | 24.65 | 0.3 | 24.95 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | 16QAM | 23.33 | 0.3 | 23.63 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Mid | 16QAM | 23.42 | 0.3 | 23.72 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | 16QAM | 23.58 | 0.3 | 23.88 | 33.01 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | 16QAM | 23.35 | 0.3 | 23.65 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | QPSK  | 25.58 | 0.3 | 25.88 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | QPSK  | 25.47 | 0.3 | 25.77 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | QPSK  | 25.54 | 0.3 | 25.84 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | QPSK  | 24.32 | 0.3 | 24.62 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | QPSK  | 24.30 | 0.3 | 24.60 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | QPSK  | 24.21 | 0.3 | 24.51 | 33.01 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | QPSK  | 24.27 | 0.3 | 24.57 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | 16QAM | 24.02 | 0.3 | 24.32 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | 16QAM | 23.97 | 0.3 | 24.27 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | 16QAM | 23.95 | 0.3 | 24.25 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | 16QAM | 23.33 | 0.3 | 23.63 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | 16QAM | 23.40 | 0.3 | 23.70 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | 16QAM | 23.32 | 0.3 | 23.62 | 33.01 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | 16QAM | 23.45 | 0.3 | 23.75 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | QPSK  | 25.38 | 0.3 | 25.68 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | QPSK  | 25.47 | 0.3 | 25.77 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | QPSK  | 25.59 | 0.3 | 25.89 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | QPSK  | 24.14 | 0.3 | 24.44 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | QPSK  | 24.39 | 0.3 | 24.69 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | QPSK  | 24.33 | 0.3 | 24.63 | 33.01 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | QPSK  | 24.43 | 0.3 | 24.73 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | 16QAM | 24.19 | 0.3 | 24.49 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | 16QAM | 24.36 | 0.3 | 24.66 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | 16QAM | 24.40 | 0.3 | 24.70 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | 16QAM | 23.29 | 0.3 | 23.59 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | 16QAM | 23.38 | 0.3 | 23.68 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | 16QAM | 23.50 | 0.3 | 23.80 | 33.01 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | 16QAM | 23.49 | 0.3 | 23.79 | 33.01 | PASS |

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------|------------|------------------|---------|
| Band4 | 1.4             | 19957      | 1       | #0          | QPSK       | 21.66       | 0.4       | 22.06      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Mid        | QPSK       | 21.71       | 0.4       | 22.11      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Max        | QPSK       | 21.68       | 0.4       | 22.08      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #0          | QPSK       | 21.54       | 0.4       | 21.94      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Mid        | QPSK       | 21.53       | 0.4       | 21.93      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Max        | QPSK       | 21.51       | 0.4       | 21.91      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | 20.60       | 0.4       | 21.00      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #0          | 16QAM      | 21.89       | 0.4       | 22.29      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Mid        | 16QAM      | 21.87       | 0.4       | 22.27      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Max        | 16QAM      | 21.83       | 0.4       | 22.23      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #0          | 16QAM      | 20.62       | 0.4       | 21.02      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Mid        | 16QAM      | 20.67       | 0.4       | 21.07      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Max        | 16QAM      | 20.59       | 0.4       | 20.99      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | 16QAM      | 19.79       | 0.4       | 20.19      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | QPSK       | 21.35       | 0.4       | 21.75      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Mid        | QPSK       | 21.77       | 0.4       | 22.17      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Max        | QPSK       | 21.79       | 0.4       | 22.19      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #0          | QPSK       | 21.74       | 0.4       | 22.14      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Mid        | QPSK       | 21.80       | 0.4       | 22.20      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Max        | QPSK       | 21.74       | 0.4       | 22.14      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | 20.80       | 0.4       | 21.20      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | 16QAM      | 21.56       | 0.4       | 21.96      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Mid        | 16QAM      | 21.99       | 0.4       | 22.39      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Max        | 16QAM      | 22.01       | 0.4       | 22.41      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #0          | 16QAM      | 20.85       | 0.4       | 21.25      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Mid        | 16QAM      | 20.79       | 0.4       | 21.19      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Max        | 16QAM      | 20.86       | 0.4       | 21.26      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | 16QAM      | 19.72       | 0.4       | 20.12      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | QPSK       | 21.59       | 0.4       | 21.99      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Mid        | QPSK       | 21.70       | 0.4       | 22.10      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Max        | QPSK       | 21.62       | 0.4       | 22.02      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #0          | QPSK       | 21.44       | 0.4       | 21.84      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Mid        | QPSK       | 21.51       | 0.4       | 21.91      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Max        | QPSK       | 21.44       | 0.4       | 21.84      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QPSK       | 20.51       | 0.4       | 20.91      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | 16QAM      | 21.43       | 0.4       | 21.83      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Mid        | 16QAM      | 20.63       | 0.4       | 21.03      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Max        | 16QAM      | 20.56       | 0.4       | 20.96      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #0          | 16QAM      | 20.32       | 0.4       | 20.72      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Mid        | 16QAM      | 20.37       | 0.4       | 20.77      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Max        | 16QAM      | 20.33       | 0.4       | 20.73      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | 16QAM      | 19.17       | 0.4       | 19.57      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #0          | QPSK       | 21.45       | 0.4       | 21.85      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Mid        | QPSK       | 21.37       | 0.4       | 21.77      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Max        | QPSK       | 21.23       | 0.4       | 21.63      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #0          | QPSK       | 20.39       | 0.4       | 20.79      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Mid        | QPSK       | 20.43       | 0.4       | 20.83      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Max        | QPSK       | 20.40       | 0.4       | 20.80      | 30               | PASS    |
| Band4 | 3               | 19965      | 15      | #0          | QPSK       | 20.39       | 0.4       | 20.79      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #0          | 16QAM      | 21.96       | 0.4       | 22.36      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Mid        | 16QAM      | 21.94       | 0.4       | 22.34      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Max        | 16QAM      | 21.74       | 0.4       | 22.14      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #0          | 16QAM      | 20.70       | 0.4       | 21.10      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Mid        | 16QAM      | 20.75       | 0.4       | 21.15      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Max        | 16QAM      | 20.72       | 0.4       | 21.12      | 30               | PASS    |
| Band4 | 3               | 19965      | 15      | #0          | 16QAM      | 20.74       | 0.4       | 21.14      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | QPSK       | 21.32       | 0.4       | 21.72      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Mid        | QPSK       | 21.77       | 0.4       | 22.17      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Max        | QPSK       | 21.80       | 0.4       | 22.20      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #0          | QPSK       | 20.36       | 0.4       | 20.76      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #Mid        | QPSK       | 20.88       | 0.4       | 21.28      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #Max        | QPSK       | 20.86       | 0.4       | 21.26      | 30               | PASS    |
| Band4 | 3               | 20175      | 15      | #0          | QPSK       | 20.84       | 0.4       | 21.24      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | 16QAM      | 21.53       | 0.4       | 21.93      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Mid        | 16QAM      | 21.98       | 0.4       | 22.38      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Max        | 16QAM      | 21.96       | 0.4       | 22.36      | 30               | PASS    |

|       |    |       |    |      |       |       |     |       |    |      |
|-------|----|-------|----|------|-------|-------|-----|-------|----|------|
| Band4 | 3  | 20175 | 8  | #0   | 16QAM | 20.88 | 0.4 | 21.28 | 30 | PASS |
| Band4 | 3  | 20175 | 8  | #Mid | 16QAM | 20.94 | 0.4 | 21.34 | 30 | PASS |
| Band4 | 3  | 20175 | 8  | #Max | 16QAM | 20.91 | 0.4 | 21.31 | 30 | PASS |
| Band4 | 3  | 20175 | 15 | #0   | 16QAM | 20.86 | 0.4 | 21.26 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #0   | QPSK  | 21.61 | 0.4 | 22.01 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #Mid | QPSK  | 21.61 | 0.4 | 22.01 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #Max | QPSK  | 21.66 | 0.4 | 22.06 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #0   | QPSK  | 20.45 | 0.4 | 20.85 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #Mid | QPSK  | 20.41 | 0.4 | 20.81 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #Max | QPSK  | 20.46 | 0.4 | 20.86 | 30 | PASS |
| Band4 | 3  | 20385 | 15 | #0   | QPSK  | 20.42 | 0.4 | 20.82 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #0   | 16QAM | 21.46 | 0.4 | 21.86 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #Mid | 16QAM | 20.52 | 0.4 | 20.92 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #Max | 16QAM | 20.58 | 0.4 | 20.98 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #0   | 16QAM | 19.68 | 0.4 | 20.08 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #Mid | 16QAM | 19.72 | 0.4 | 20.12 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #Max | 16QAM | 19.70 | 0.4 | 20.10 | 30 | PASS |
| Band4 | 3  | 20385 | 15 | #0   | 16QAM | 19.77 | 0.4 | 20.17 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | QPSK  | 21.46 | 0.4 | 21.86 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | QPSK  | 21.21 | 0.4 | 21.61 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | QPSK  | 21.22 | 0.4 | 21.62 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | QPSK  | 20.42 | 0.4 | 20.82 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Mid | QPSK  | 20.42 | 0.4 | 20.82 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | QPSK  | 20.36 | 0.4 | 20.76 | 30 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | QPSK  | 20.40 | 0.4 | 20.80 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | 16QAM | 21.13 | 0.4 | 21.53 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | 16QAM | 21.04 | 0.4 | 21.44 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | 16QAM | 21.04 | 0.4 | 21.44 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | 16QAM | 20.13 | 0.4 | 20.53 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Mid | 16QAM | 20.27 | 0.4 | 20.67 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | 16QAM | 20.10 | 0.4 | 20.50 | 30 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | 16QAM | 20.09 | 0.4 | 20.49 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | QPSK  | 21.27 | 0.4 | 21.67 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | QPSK  | 21.75 | 0.4 | 22.15 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | QPSK  | 21.45 | 0.4 | 21.85 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | QPSK  | 20.36 | 0.4 | 20.76 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Mid | QPSK  | 20.80 | 0.4 | 21.20 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | QPSK  | 20.89 | 0.4 | 21.29 | 30 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | QPSK  | 20.88 | 0.4 | 21.28 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | 16QAM | 20.55 | 0.4 | 20.95 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | 16QAM | 20.91 | 0.4 | 21.31 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | 16QAM | 20.73 | 0.4 | 21.13 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | 16QAM | 19.53 | 0.4 | 19.93 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Mid | 16QAM | 19.73 | 0.4 | 20.13 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | 16QAM | 19.61 | 0.4 | 20.01 | 30 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | 16QAM | 19.63 | 0.4 | 20.03 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | QPSK  | 21.54 | 0.4 | 21.94 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | QPSK  | 21.43 | 0.4 | 21.83 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | QPSK  | 21.40 | 0.4 | 21.80 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | QPSK  | 20.57 | 0.4 | 20.97 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Mid | QPSK  | 20.59 | 0.4 | 20.99 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | QPSK  | 20.50 | 0.4 | 20.90 | 30 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | QPSK  | 20.59 | 0.4 | 20.99 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | 16QAM | 21.15 | 0.4 | 21.55 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | 16QAM | 21.04 | 0.4 | 21.44 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | 16QAM | 21.09 | 0.4 | 21.49 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | 16QAM | 20.05 | 0.4 | 20.45 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Mid | 16QAM | 20.20 | 0.4 | 20.60 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | 16QAM | 20.07 | 0.4 | 20.47 | 30 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | 16QAM | 20.01 | 0.4 | 20.41 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QPSK  | 21.63 | 0.4 | 22.03 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QPSK  | 21.35 | 0.4 | 21.75 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QPSK  | 21.32 | 0.4 | 21.72 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QPSK  | 20.46 | 0.4 | 20.86 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | QPSK  | 20.29 | 0.4 | 20.69 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QPSK  | 20.29 | 0.4 | 20.69 | 30 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QPSK  | 20.36 | 0.4 | 20.76 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | 16QAM | 22.06 | 0.4 | 22.46 | 30 | PASS |

|       |    |       |    |      |       |       |     |       |    |      |
|-------|----|-------|----|------|-------|-------|-----|-------|----|------|
| Band4 | 10 | 20000 | 1  | #Mid | 16QAM | 21.92 | 0.4 | 22.32 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | 16QAM | 21.74 | 0.4 | 22.14 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | 16QAM | 20.06 | 0.4 | 20.46 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | 16QAM | 20.16 | 0.4 | 20.56 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | 16QAM | 20.40 | 0.4 | 20.80 | 30 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | 16QAM | 20.22 | 0.4 | 20.62 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QPSK  | 21.38 | 0.4 | 21.78 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QPSK  | 21.94 | 0.4 | 22.34 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QPSK  | 21.76 | 0.4 | 22.16 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QPSK  | 20.42 | 0.4 | 20.82 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | QPSK  | 20.87 | 0.4 | 21.27 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QPSK  | 20.49 | 0.4 | 20.89 | 30 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QPSK  | 20.77 | 0.4 | 21.17 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | 16QAM | 20.71 | 0.4 | 21.11 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | 16QAM | 21.25 | 0.4 | 21.65 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | 16QAM | 21.10 | 0.4 | 21.50 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | 16QAM | 19.40 | 0.4 | 19.80 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | 16QAM | 19.57 | 0.4 | 19.97 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | 16QAM | 19.82 | 0.4 | 20.22 | 30 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | 16QAM | 19.64 | 0.4 | 20.04 | 30 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | QPSK  | 21.72 | 0.4 | 22.12 | 30 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | QPSK  | 21.66 | 0.4 | 22.06 | 30 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | QPSK  | 21.54 | 0.4 | 21.94 | 30 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | QPSK  | 20.65 | 0.4 | 21.05 | 30 | PASS |
| Band4 | 10 | 20350 | 25 | #Mid | QPSK  | 20.62 | 0.4 | 21.02 | 30 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | QPSK  | 20.53 | 0.4 | 20.93 | 30 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | QPSK  | 20.49 | 0.4 | 20.89 | 30 | PASS |
| Band4 | 10 | 20350 | 1  | #0   | 16QAM | 21.19 | 0.4 | 21.59 | 30 | PASS |
| Band4 | 10 | 20350 | 1  | #Mid | 16QAM | 21.13 | 0.4 | 21.53 | 30 | PASS |
| Band4 | 10 | 20350 | 1  | #Max | 16QAM | 21.05 | 0.4 | 21.45 | 30 | PASS |
| Band4 | 10 | 20350 | 25 | #0   | 16QAM | 19.68 | 0.4 | 20.08 | 30 | PASS |
| Band4 | 10 | 20350 | 25 | #Mid | 16QAM | 19.79 | 0.4 | 20.19 | 30 | PASS |
| Band4 | 10 | 20350 | 25 | #Max | 16QAM | 19.99 | 0.4 | 20.39 | 30 | PASS |
| Band4 | 10 | 20350 | 50 | #0   | 16QAM | 19.83 | 0.4 | 20.23 | 30 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | QPSK  | 21.58 | 0.4 | 21.98 | 30 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | QPSK  | 21.32 | 0.4 | 21.72 | 30 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | QPSK  | 21.37 | 0.4 | 21.77 | 30 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | QPSK  | 20.36 | 0.4 | 20.76 | 30 | PASS |
| Band4 | 15 | 20025 | 36 | #Mid | QPSK  | 20.39 | 0.4 | 20.79 | 30 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | QPSK  | 20.24 | 0.4 | 20.64 | 30 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | QPSK  | 20.42 | 0.4 | 20.82 | 30 | PASS |
| Band4 | 15 | 20025 | 1  | #0   | 16QAM | 22.06 | 0.4 | 22.46 | 30 | PASS |
| Band4 | 15 | 20025 | 1  | #Mid | 16QAM | 21.79 | 0.4 | 22.19 | 30 | PASS |
| Band4 | 15 | 20025 | 1  | #Max | 16QAM | 21.86 | 0.4 | 22.26 | 30 | PASS |
| Band4 | 15 | 20025 | 36 | #0   | 16QAM | 20.47 | 0.4 | 20.87 | 30 | PASS |
| Band4 | 15 | 20025 | 36 | #Mid | 16QAM | 20.52 | 0.4 | 20.92 | 30 | PASS |
| Band4 | 15 | 20025 | 36 | #Max | 16QAM | 20.62 | 0.4 | 21.02 | 30 | PASS |
| Band4 | 15 | 20025 | 75 | #0   | 16QAM | 20.51 | 0.4 | 20.91 | 30 | PASS |
| Band4 | 15 | 20175 | 1  | #0   | QPSK  | 21.41 | 0.4 | 21.81 | 30 | PASS |
| Band4 | 15 | 20175 | 1  | #Mid | QPSK  | 21.94 | 0.4 | 22.34 | 30 | PASS |
| Band4 | 15 | 20175 | 1  | #Max | QPSK  | 21.55 | 0.4 | 21.95 | 30 | PASS |
| Band4 | 15 | 20175 | 36 | #0   | QPSK  | 20.79 | 0.4 | 21.19 | 30 | PASS |
| Band4 | 15 | 20175 | 36 | #Mid | QPSK  | 20.86 | 0.4 | 21.26 | 30 | PASS |
| Band4 | 15 | 20175 | 36 | #Max | QPSK  | 20.58 | 0.4 | 20.98 | 30 | PASS |
| Band4 | 15 | 20175 | 75 | #0   | QPSK  | 20.90 | 0.4 | 21.30 | 30 | PASS |
| Band4 | 15 | 20175 | 1  | #0   | 16QAM | 21.40 | 0.4 | 21.80 | 30 | PASS |
| Band4 | 15 | 20175 | 1  | #Mid | 16QAM | 21.90 | 0.4 | 22.30 | 30 | PASS |
| Band4 | 15 | 20175 | 1  | #Max | 16QAM | 21.78 | 0.4 | 22.18 | 30 | PASS |
| Band4 | 15 | 20175 | 36 | #0   | 16QAM | 20.43 | 0.4 | 20.83 | 30 | PASS |
| Band4 | 15 | 20175 | 36 | #Mid | 16QAM | 20.51 | 0.4 | 20.91 | 30 | PASS |
| Band4 | 15 | 20175 | 36 | #Max | 16QAM | 20.66 | 0.4 | 21.06 | 30 | PASS |
| Band4 | 15 | 20175 | 75 | #0   | 16QAM | 20.47 | 0.4 | 20.87 | 30 | PASS |
| Band4 | 15 | 20325 | 1  | #0   | QPSK  | 21.62 | 0.4 | 22.02 | 30 | PASS |
| Band4 | 15 | 20325 | 1  | #Mid | QPSK  | 21.64 | 0.4 | 22.04 | 30 | PASS |
| Band4 | 15 | 20325 | 1  | #Max | QPSK  | 21.56 | 0.4 | 21.96 | 30 | PASS |
| Band4 | 15 | 20325 | 36 | #0   | QPSK  | 20.74 | 0.4 | 21.14 | 30 | PASS |
| Band4 | 15 | 20325 | 36 | #Mid | QPSK  | 20.70 | 0.4 | 21.10 | 30 | PASS |
| Band4 | 15 | 20325 | 36 | #Max | QPSK  | 20.57 | 0.4 | 20.97 | 30 | PASS |

|       |    |       |     |      |       |       |     |       |    |      |
|-------|----|-------|-----|------|-------|-------|-----|-------|----|------|
| Band4 | 15 | 20325 | 75  | #0   | QPSK  | 20.50 | 0.4 | 20.90 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #0   | 16QAM | 21.71 | 0.4 | 22.11 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #Mid | 16QAM | 21.66 | 0.4 | 22.06 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #Max | 16QAM | 21.66 | 0.4 | 22.06 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #0   | 16QAM | 20.34 | 0.4 | 20.74 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #Mid | 16QAM | 20.32 | 0.4 | 20.72 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #Max | 16QAM | 20.47 | 0.4 | 20.87 | 30 | PASS |
| Band4 | 15 | 20325 | 75  | #0   | 16QAM | 20.45 | 0.4 | 20.85 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | QPSK  | 21.88 | 0.4 | 22.28 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | QPSK  | 21.65 | 0.4 | 22.05 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | QPSK  | 22.18 | 0.4 | 22.58 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | QPSK  | 20.88 | 0.4 | 21.28 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | QPSK  | 20.68 | 0.4 | 21.08 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QPSK  | 20.71 | 0.4 | 21.11 | 30 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QPSK  | 20.73 | 0.4 | 21.13 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | 16QAM | 21.12 | 0.4 | 21.52 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | 16QAM | 20.86 | 0.4 | 21.26 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | 16QAM | 21.43 | 0.4 | 21.83 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | 16QAM | 20.05 | 0.4 | 20.45 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | 16QAM | 19.97 | 0.4 | 20.37 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | 16QAM | 20.22 | 0.4 | 20.62 | 30 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | 16QAM | 20.09 | 0.4 | 20.49 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QPSK  | 22.19 | 0.4 | 22.59 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QPSK  | 22.29 | 0.4 | 22.69 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QPSK  | 22.26 | 0.4 | 22.66 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QPSK  | 20.76 | 0.4 | 21.16 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | QPSK  | 21.37 | 0.4 | 21.77 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | QPSK  | 21.04 | 0.4 | 21.44 | 30 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | QPSK  | 21.34 | 0.4 | 21.74 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | 16QAM | 21.50 | 0.4 | 21.90 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | 16QAM | 21.80 | 0.4 | 22.20 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | 16QAM | 21.71 | 0.4 | 22.11 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | 16QAM | 20.18 | 0.4 | 20.58 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | 16QAM | 20.13 | 0.4 | 20.53 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | 16QAM | 20.45 | 0.4 | 20.85 | 30 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | 16QAM | 20.32 | 0.4 | 20.72 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | QPSK  | 22.04 | 0.4 | 22.44 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | QPSK  | 22.27 | 0.4 | 22.67 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | QPSK  | 22.05 | 0.4 | 22.45 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | QPSK  | 21.05 | 0.4 | 21.45 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | QPSK  | 21.13 | 0.4 | 21.53 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | QPSK  | 21.08 | 0.4 | 21.48 | 30 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | QPSK  | 21.09 | 0.4 | 21.49 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | 16QAM | 21.54 | 0.4 | 21.94 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | 16QAM | 21.72 | 0.4 | 22.12 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | 16QAM | 21.60 | 0.4 | 22.00 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | 16QAM | 19.92 | 0.4 | 20.32 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | 16QAM | 19.82 | 0.4 | 20.22 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | 16QAM | 20.10 | 0.4 | 20.50 | 30 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | 16QAM | 19.96 | 0.4 | 20.36 | 30 | PASS |

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | ERP (dBm) | ERP Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------|-----------|-----------------|---------|
| Band5 | 1.4             | 20407      | 1       | #0          | QPSK       | 24.51       | -2.3      | 20.06     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Mid        | QPSK       | 24.55       | -2.3      | 20.10     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Max        | QPSK       | 24.61       | -2.3      | 20.16     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #0          | QPSK       | 24.38       | -2.3      | 19.93     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Mid        | QPSK       | 24.46       | -2.3      | 20.01     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Max        | QPSK       | 24.41       | -2.3      | 19.96     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 6       | #0          | QPSK       | 23.41       | -2.3      | 18.96     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #0          | 16QAM      | 25.09       | -2.3      | 20.64     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Mid        | 16QAM      | 25.08       | -2.3      | 20.63     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Max        | 16QAM      | 25.15       | -2.3      | 20.70     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #0          | 16QAM      | 23.78       | -2.3      | 19.33     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Mid        | 16QAM      | 23.75       | -2.3      | 19.30     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Max        | 16QAM      | 23.70       | -2.3      | 19.25     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 6       | #0          | 16QAM      | 22.63       | -2.3      | 18.18     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #0          | QPSK       | 24.64       | -2.3      | 20.19     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Mid        | QPSK       | 24.64       | -2.3      | 20.19     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Max        | QPSK       | 24.65       | -2.3      | 20.20     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #0          | QPSK       | 24.67       | -2.3      | 20.22     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Mid        | QPSK       | 24.63       | -2.3      | 20.18     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Max        | QPSK       | 24.67       | -2.3      | 20.22     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 6       | #0          | QPSK       | 23.70       | -2.3      | 19.25     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #0          | 16QAM      | 24.16       | -2.3      | 19.71     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Mid        | 16QAM      | 24.23       | -2.3      | 19.78     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Max        | 16QAM      | 24.22       | -2.3      | 19.77     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #0          | 16QAM      | 23.69       | -2.3      | 19.24     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Mid        | 16QAM      | 23.69       | -2.3      | 19.24     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Max        | 16QAM      | 23.76       | -2.3      | 19.31     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 6       | #0          | 16QAM      | 22.84       | -2.3      | 18.39     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #0          | QPSK       | 25.00       | -2.3      | 20.55     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Mid        | QPSK       | 24.98       | -2.3      | 20.53     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Max        | QPSK       | 25.03       | -2.3      | 20.58     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #0          | QPSK       | 24.87       | -2.3      | 20.42     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Mid        | QPSK       | 24.92       | -2.3      | 20.47     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Max        | QPSK       | 24.88       | -2.3      | 20.43     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 6       | #0          | QPSK       | 23.98       | -2.3      | 19.53     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #0          | 16QAM      | 24.38       | -2.3      | 19.93     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Mid        | 16QAM      | 24.50       | -2.3      | 20.05     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Max        | 16QAM      | 24.57       | -2.3      | 20.12     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #0          | 16QAM      | 23.75       | -2.3      | 19.30     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Mid        | 16QAM      | 23.75       | -2.3      | 19.30     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Max        | 16QAM      | 23.76       | -2.3      | 19.31     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 6       | #0          | 16QAM      | 22.87       | -2.3      | 18.42     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #0          | QPSK       | 24.48       | -2.3      | 20.03     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Mid        | QPSK       | 24.39       | -2.3      | 19.94     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Max        | QPSK       | 24.40       | -2.3      | 19.95     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #0          | QPSK       | 23.47       | -2.3      | 19.02     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Mid        | QPSK       | 23.50       | -2.3      | 19.05     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Max        | QPSK       | 23.39       | -2.3      | 18.94     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 15      | #0          | QPSK       | 23.42       | -2.3      | 18.97     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #0          | 16QAM      | 24.96       | -2.3      | 20.51     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Mid        | 16QAM      | 24.82       | -2.3      | 20.37     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Max        | 16QAM      | 24.98       | -2.3      | 20.53     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #0          | 16QAM      | 22.33       | -2.3      | 17.88     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Mid        | 16QAM      | 22.35       | -2.3      | 17.90     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Max        | 16QAM      | 22.23       | -2.3      | 17.78     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 15      | #0          | 16QAM      | 22.55       | -2.3      | 18.10     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #0          | QPSK       | 24.56       | -2.3      | 20.11     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Mid        | QPSK       | 24.75       | -2.3      | 20.30     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Max        | QPSK       | 24.77       | -2.3      | 20.32     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #0          | QPSK       | 23.59       | -2.3      | 19.14     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #Mid        | QPSK       | 23.70       | -2.3      | 19.25     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #Max        | QPSK       | 23.61       | -2.3      | 19.16     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 15      | #0          | QPSK       | 23.72       | -2.3      | 19.27     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #0          | 16QAM      | 24.08       | -2.3      | 19.63     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Mid        | 16QAM      | 24.24       | -2.3      | 19.79     | 38.45           | PASS    |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band5 | 3  | 20525 | 1  | #Max | 16QAM | 24.18 | -2.3 | 19.73 | 38.45 | PASS |
| Band5 | 3  | 20525 | 8  | #0   | 16QAM | 22.65 | -2.3 | 18.20 | 38.45 | PASS |
| Band5 | 3  | 20525 | 8  | #Mid | 16QAM | 22.69 | -2.3 | 18.24 | 38.45 | PASS |
| Band5 | 3  | 20525 | 8  | #Max | 16QAM | 22.70 | -2.3 | 18.25 | 38.45 | PASS |
| Band5 | 3  | 20525 | 15 | #0   | 16QAM | 22.64 | -2.3 | 18.19 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #0   | QPSK  | 24.99 | -2.3 | 20.54 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #Mid | QPSK  | 24.97 | -2.3 | 20.52 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #Max | QPSK  | 25.02 | -2.3 | 20.57 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #0   | QPSK  | 23.88 | -2.3 | 19.43 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #Mid | QPSK  | 23.92 | -2.3 | 19.47 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #Max | QPSK  | 23.90 | -2.3 | 19.45 | 38.45 | PASS |
| Band5 | 3  | 20635 | 15 | #0   | QPSK  | 23.90 | -2.3 | 19.45 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #0   | 16QAM | 24.42 | -2.3 | 19.97 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #Mid | 16QAM | 24.47 | -2.3 | 20.02 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #Max | 16QAM | 24.48 | -2.3 | 20.03 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #0   | 16QAM | 22.90 | -2.3 | 18.45 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #Mid | 16QAM | 22.94 | -2.3 | 18.49 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #Max | 16QAM | 22.91 | -2.3 | 18.46 | 38.45 | PASS |
| Band5 | 3  | 20635 | 15 | #0   | 16QAM | 22.94 | -2.3 | 18.49 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #0   | QPSK  | 24.42 | -2.3 | 19.97 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Mid | QPSK  | 24.37 | -2.3 | 19.92 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Max | QPSK  | 24.42 | -2.3 | 19.97 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #0   | QPSK  | 23.51 | -2.3 | 19.06 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Mid | QPSK  | 23.51 | -2.3 | 19.06 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Max | QPSK  | 23.40 | -2.3 | 18.95 | 38.45 | PASS |
| Band5 | 5  | 20425 | 25 | #0   | QPSK  | 23.31 | -2.3 | 18.86 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #0   | 16QAM | 24.08 | -2.3 | 19.63 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Mid | 16QAM | 24.11 | -2.3 | 19.66 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Max | 16QAM | 24.04 | -2.3 | 19.59 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #0   | 16QAM | 22.39 | -2.3 | 17.94 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Mid | 16QAM | 22.45 | -2.3 | 18.00 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Max | 16QAM | 22.38 | -2.3 | 17.93 | 38.45 | PASS |
| Band5 | 5  | 20425 | 25 | #0   | 16QAM | 22.63 | -2.3 | 18.18 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #0   | QPSK  | 24.53 | -2.3 | 20.08 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Mid | QPSK  | 24.66 | -2.3 | 20.21 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Max | QPSK  | 24.71 | -2.3 | 20.26 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #0   | QPSK  | 23.56 | -2.3 | 19.11 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Mid | QPSK  | 23.70 | -2.3 | 19.25 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Max | QPSK  | 23.73 | -2.3 | 19.28 | 38.45 | PASS |
| Band5 | 5  | 20525 | 25 | #0   | QPSK  | 23.69 | -2.3 | 19.24 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #0   | 16QAM | 24.18 | -2.3 | 19.73 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Mid | 16QAM | 24.33 | -2.3 | 19.88 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Max | 16QAM | 24.29 | -2.3 | 19.84 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #0   | 16QAM | 22.43 | -2.3 | 17.98 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Mid | 16QAM | 22.47 | -2.3 | 18.02 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Max | 16QAM | 22.53 | -2.3 | 18.08 | 38.45 | PASS |
| Band5 | 5  | 20525 | 25 | #0   | 16QAM | 22.66 | -2.3 | 18.21 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #0   | QPSK  | 24.68 | -2.3 | 20.23 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Mid | QPSK  | 24.70 | -2.3 | 20.25 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Max | QPSK  | 24.66 | -2.3 | 20.21 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #0   | QPSK  | 23.88 | -2.3 | 19.43 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Mid | QPSK  | 23.93 | -2.3 | 19.48 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Max | QPSK  | 23.77 | -2.3 | 19.32 | 38.45 | PASS |
| Band5 | 5  | 20625 | 25 | #0   | QPSK  | 23.83 | -2.3 | 19.38 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #0   | 16QAM | 24.96 | -2.3 | 20.51 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Mid | 16QAM | 24.98 | -2.3 | 20.53 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Max | 16QAM | 24.96 | -2.3 | 20.51 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #0   | 16QAM | 22.83 | -2.3 | 18.38 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Mid | 16QAM | 22.89 | -2.3 | 18.44 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Max | 16QAM | 22.81 | -2.3 | 18.36 | 38.45 | PASS |
| Band5 | 5  | 20625 | 25 | #0   | 16QAM | 23.03 | -2.3 | 18.58 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | QPSK  | 24.84 | -2.3 | 20.39 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | QPSK  | 24.85 | -2.3 | 20.40 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | QPSK  | 24.98 | -2.3 | 20.53 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | QPSK  | 23.80 | -2.3 | 19.35 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Mid | QPSK  | 23.78 | -2.3 | 19.33 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | QPSK  | 23.93 | -2.3 | 19.48 | 38.45 | PASS |
| Band5 | 10 | 20450 | 50 | #0   | QPSK  | 23.87 | -2.3 | 19.42 | 38.45 | PASS |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band5 | 10 | 20450 | 1  | #0   | 16QAM | 25.23 | -2.3 | 20.78 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | 16QAM | 25.37 | -2.3 | 20.92 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | 16QAM | 25.28 | -2.3 | 20.83 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | 16QAM | 23.00 | -2.3 | 18.55 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Mid | 16QAM | 22.89 | -2.3 | 18.44 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | 16QAM | 22.98 | -2.3 | 18.53 | 38.45 | PASS |
| Band5 | 10 | 20450 | 50 | #0   | 16QAM | 22.97 | -2.3 | 18.52 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | QPSK  | 24.99 | -2.3 | 20.54 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | QPSK  | 25.12 | -2.3 | 20.67 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | QPSK  | 25.33 | -2.3 | 20.88 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | QPSK  | 24.10 | -2.3 | 19.65 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Mid | QPSK  | 24.22 | -2.3 | 19.77 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | QPSK  | 24.30 | -2.3 | 19.85 | 38.45 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | QPSK  | 24.24 | -2.3 | 19.79 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | 16QAM | 25.11 | -2.3 | 20.66 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | 16QAM | 25.23 | -2.3 | 20.78 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | 16QAM | 25.28 | -2.3 | 20.83 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | 16QAM | 23.13 | -2.3 | 18.68 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Mid | 16QAM | 23.19 | -2.3 | 18.74 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | 16QAM | 23.32 | -2.3 | 18.87 | 38.45 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | 16QAM | 23.20 | -2.3 | 18.75 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | QPSK  | 25.23 | -2.3 | 20.78 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | QPSK  | 25.31 | -2.3 | 20.86 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | QPSK  | 25.40 | -2.3 | 20.95 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | QPSK  | 24.25 | -2.3 | 19.80 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Mid | QPSK  | 24.40 | -2.3 | 19.95 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | QPSK  | 24.51 | -2.3 | 20.06 | 38.45 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | QPSK  | 24.26 | -2.3 | 19.81 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | 16QAM | 25.02 | -2.3 | 20.57 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | 16QAM | 25.08 | -2.3 | 20.63 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | 16QAM | 25.22 | -2.3 | 20.77 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | 16QAM | 23.33 | -2.3 | 18.88 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Mid | 16QAM | 23.39 | -2.3 | 18.94 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | 16QAM | 23.57 | -2.3 | 19.12 | 38.45 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | 16QAM | 23.40 | -2.3 | 18.95 | 38.45 | PASS |

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------|------------|------------------|---------|
| Band7 | 5               | 20775      | 1       | #0          | QPSK       | 24.73       | -0.6      | 24.13      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Mid        | QPSK       | 24.81       | -0.6      | 24.21      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Max        | QPSK       | 24.87       | -0.6      | 24.27      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #0          | QPSK       | 23.82       | -0.6      | 23.22      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Mid        | QPSK       | 23.90       | -0.6      | 23.30      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Max        | QPSK       | 23.94       | -0.6      | 23.34      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | QPSK       | 23.81       | -0.6      | 23.21      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #0          | 16QAM      | 24.12       | -0.6      | 23.52      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Mid        | 16QAM      | 24.06       | -0.6      | 23.46      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Max        | 16QAM      | 24.23       | -0.6      | 23.63      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #0          | 16QAM      | 22.82       | -0.6      | 22.22      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Mid        | 16QAM      | 22.82       | -0.6      | 22.22      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Max        | 16QAM      | 22.85       | -0.6      | 22.25      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | 16QAM      | 22.91       | -0.6      | 22.31      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #0          | QPSK       | 24.75       | -0.6      | 24.15      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Mid        | QPSK       | 24.71       | -0.6      | 24.11      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Max        | QPSK       | 24.79       | -0.6      | 24.19      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #0          | QPSK       | 23.84       | -0.6      | 23.24      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Mid        | QPSK       | 23.85       | -0.6      | 23.25      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Max        | QPSK       | 23.83       | -0.6      | 23.23      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | QPSK       | 23.86       | -0.6      | 23.26      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #0          | 16QAM      | 24.40       | -0.6      | 23.80      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Mid        | 16QAM      | 24.37       | -0.6      | 23.77      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Max        | 16QAM      | 24.45       | -0.6      | 23.85      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #0          | 16QAM      | 22.89       | -0.6      | 22.29      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Mid        | 16QAM      | 22.88       | -0.6      | 22.28      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Max        | 16QAM      | 22.88       | -0.6      | 22.28      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | 16QAM      | 22.84       | -0.6      | 22.24      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #0          | QPSK       | 24.98       | -0.6      | 24.38      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Mid        | QPSK       | 24.89       | -0.6      | 24.29      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Max        | QPSK       | 24.88       | -0.6      | 24.28      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #0          | QPSK       | 23.96       | -0.6      | 23.36      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Mid        | QPSK       | 23.96       | -0.6      | 23.36      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Max        | QPSK       | 24.00       | -0.6      | 23.40      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QPSK       | 23.95       | -0.6      | 23.35      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #0          | 16QAM      | 24.61       | -0.6      | 24.01      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Mid        | 16QAM      | 24.50       | -0.6      | 23.90      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Max        | 16QAM      | 24.45       | -0.6      | 23.85      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #0          | 16QAM      | 22.84       | -0.6      | 22.24      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Mid        | 16QAM      | 22.90       | -0.6      | 22.30      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Max        | 16QAM      | 22.89       | -0.6      | 22.29      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | 16QAM      | 23.16       | -0.6      | 22.56      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #0          | QPSK       | 24.76       | -0.6      | 24.16      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Mid        | QPSK       | 24.81       | -0.6      | 24.21      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Max        | QPSK       | 24.94       | -0.6      | 24.34      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #0          | QPSK       | 23.89       | -0.6      | 23.29      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Mid        | QPSK       | 23.95       | -0.6      | 23.35      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Max        | QPSK       | 23.93       | -0.6      | 23.33      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QPSK       | 23.99       | -0.6      | 23.39      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #0          | 16QAM      | 25.46       | -0.6      | 24.86      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Mid        | 16QAM      | 25.52       | -0.6      | 24.92      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Max        | 16QAM      | 25.54       | -0.6      | 24.94      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #0          | 16QAM      | 22.74       | -0.6      | 22.14      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Mid        | 16QAM      | 22.83       | -0.6      | 22.23      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Max        | 16QAM      | 22.88       | -0.6      | 22.28      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | 16QAM      | 22.89       | -0.6      | 22.29      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QPSK       | 24.94       | -0.6      | 24.34      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Mid        | QPSK       | 24.92       | -0.6      | 24.32      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Max        | QPSK       | 24.92       | -0.6      | 24.32      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #0          | QPSK       | 23.85       | -0.6      | 23.25      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #Mid        | QPSK       | 23.91       | -0.6      | 23.31      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #Max        | QPSK       | 23.95       | -0.6      | 23.35      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QPSK       | 23.85       | -0.6      | 23.25      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | 16QAM      | 24.45       | -0.6      | 23.85      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Mid        | 16QAM      | 24.41       | -0.6      | 23.81      | 33.01            | PASS    |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band7 | 10 | 21100 | 1   | #Max | 16QAM | 24.40 | -0.6 | 23.80 | 33.01 | PASS |
| Band7 | 10 | 21100 | 25  | #0   | 16QAM | 22.98 | -0.6 | 22.38 | 33.01 | PASS |
| Band7 | 10 | 21100 | 25  | #Mid | 16QAM | 22.91 | -0.6 | 22.31 | 33.01 | PASS |
| Band7 | 10 | 21100 | 25  | #Max | 16QAM | 22.95 | -0.6 | 22.35 | 33.01 | PASS |
| Band7 | 10 | 21100 | 50  | #0   | 16QAM | 22.97 | -0.6 | 22.37 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #0   | QPSK  | 24.94 | -0.6 | 24.34 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #Mid | QPSK  | 24.97 | -0.6 | 24.37 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #Max | QPSK  | 25.05 | -0.6 | 24.45 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #0   | QPSK  | 23.93 | -0.6 | 23.33 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #Mid | QPSK  | 24.06 | -0.6 | 23.46 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #Max | QPSK  | 24.04 | -0.6 | 23.44 | 33.01 | PASS |
| Band7 | 10 | 21400 | 50  | #0   | QPSK  | 24.07 | -0.6 | 23.47 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #0   | 16QAM | 25.02 | -0.6 | 24.42 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #Mid | 16QAM | 24.96 | -0.6 | 24.36 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #Max | 16QAM | 24.75 | -0.6 | 24.15 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #0   | 16QAM | 23.06 | -0.6 | 22.46 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #Mid | 16QAM | 23.13 | -0.6 | 22.53 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #Max | 16QAM | 23.07 | -0.6 | 22.47 | 33.01 | PASS |
| Band7 | 10 | 21400 | 50  | #0   | 16QAM | 23.04 | -0.6 | 22.44 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #0   | QPSK  | 24.73 | -0.6 | 24.13 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Mid | QPSK  | 24.73 | -0.6 | 24.13 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Max | QPSK  | 24.99 | -0.6 | 24.39 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #0   | QPSK  | 23.85 | -0.6 | 23.25 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Mid | QPSK  | 23.98 | -0.6 | 23.38 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Max | QPSK  | 23.97 | -0.6 | 23.37 | 33.01 | PASS |
| Band7 | 15 | 20825 | 75  | #0   | QPSK  | 23.93 | -0.6 | 23.33 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #0   | 16QAM | 25.47 | -0.6 | 24.87 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Mid | 16QAM | 25.50 | -0.6 | 24.90 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Max | 16QAM | 25.54 | -0.6 | 24.94 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #0   | 16QAM | 22.92 | -0.6 | 22.32 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Mid | 16QAM | 23.02 | -0.6 | 22.42 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Max | 16QAM | 23.00 | -0.6 | 22.40 | 33.01 | PASS |
| Band7 | 15 | 20825 | 75  | #0   | 16QAM | 23.04 | -0.6 | 22.44 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #0   | QPSK  | 24.87 | -0.6 | 24.27 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Mid | QPSK  | 24.84 | -0.6 | 24.24 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Max | QPSK  | 24.94 | -0.6 | 24.34 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #0   | QPSK  | 23.93 | -0.6 | 23.33 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Mid | QPSK  | 23.82 | -0.6 | 23.22 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Max | QPSK  | 23.86 | -0.6 | 23.26 | 33.01 | PASS |
| Band7 | 15 | 21100 | 75  | #0   | QPSK  | 23.89 | -0.6 | 23.29 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #0   | 16QAM | 24.45 | -0.6 | 23.85 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Mid | 16QAM | 24.46 | -0.6 | 23.86 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Max | 16QAM | 24.56 | -0.6 | 23.96 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #0   | 16QAM | 22.98 | -0.6 | 22.38 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Mid | 16QAM | 23.00 | -0.6 | 22.40 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Max | 16QAM | 23.07 | -0.6 | 22.47 | 33.01 | PASS |
| Band7 | 15 | 21100 | 75  | #0   | 16QAM | 22.82 | -0.6 | 22.22 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #0   | QPSK  | 25.01 | -0.6 | 24.41 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Mid | QPSK  | 25.07 | -0.6 | 24.47 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Max | QPSK  | 25.02 | -0.6 | 24.42 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #0   | QPSK  | 23.95 | -0.6 | 23.35 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Mid | QPSK  | 23.89 | -0.6 | 23.29 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Max | QPSK  | 23.91 | -0.6 | 23.31 | 33.01 | PASS |
| Band7 | 15 | 21375 | 75  | #0   | QPSK  | 23.96 | -0.6 | 23.36 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #0   | 16QAM | 25.11 | -0.6 | 24.51 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Mid | 16QAM | 25.15 | -0.6 | 24.55 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Max | 16QAM | 25.30 | -0.6 | 24.70 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #0   | 16QAM | 23.05 | -0.6 | 22.45 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Mid | 16QAM | 22.93 | -0.6 | 22.33 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Max | 16QAM | 23.02 | -0.6 | 22.42 | 33.01 | PASS |
| Band7 | 15 | 21375 | 75  | #0   | 16QAM | 23.06 | -0.6 | 22.46 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #0   | QPSK  | 25.41 | -0.6 | 24.81 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | QPSK  | 25.48 | -0.6 | 24.88 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | QPSK  | 25.51 | -0.6 | 24.91 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | QPSK  | 24.48 | -0.6 | 23.88 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Mid | QPSK  | 25.64 | -0.6 | 25.04 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QPSK  | 24.53 | -0.6 | 23.93 | 33.01 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QPSK  | 24.47 | -0.6 | 23.87 | 33.01 | PASS |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band7 | 20 | 20850 | 1   | #0   | 16QAM | 25.17 | -0.6 | 24.57 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | 16QAM | 25.32 | -0.6 | 24.72 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | 16QAM | 25.31 | -0.6 | 24.71 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | 16QAM | 23.61 | -0.6 | 23.01 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Mid | 16QAM | 23.59 | -0.6 | 22.99 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | 16QAM | 23.57 | -0.6 | 22.97 | 33.01 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | 16QAM | 23.53 | -0.6 | 22.93 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QPSK  | 25.56 | -0.6 | 24.96 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | QPSK  | 25.45 | -0.6 | 24.85 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QPSK  | 25.58 | -0.6 | 24.98 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QPSK  | 24.39 | -0.6 | 23.79 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Mid | QPSK  | 24.38 | -0.6 | 23.78 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | QPSK  | 24.40 | -0.6 | 23.80 | 33.01 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QPSK  | 24.40 | -0.6 | 23.80 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | 16QAM | 25.35 | -0.6 | 24.75 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | 16QAM | 25.19 | -0.6 | 24.59 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | 16QAM | 25.30 | -0.6 | 24.70 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | 16QAM | 23.46 | -0.6 | 22.86 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Mid | 16QAM | 23.38 | -0.6 | 22.78 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | 16QAM | 23.48 | -0.6 | 22.88 | 33.01 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | 16QAM | 23.38 | -0.6 | 22.78 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QPSK  | 25.60 | -0.6 | 25.00 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QPSK  | 25.61 | -0.6 | 25.01 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QPSK  | 25.51 | -0.6 | 24.91 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QPSK  | 24.42 | -0.6 | 23.82 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Mid | QPSK  | 24.54 | -0.6 | 23.94 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QPSK  | 24.58 | -0.6 | 23.98 | 33.01 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QPSK  | 24.51 | -0.6 | 23.91 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | 16QAM | 25.27 | -0.6 | 24.67 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | 16QAM | 25.44 | -0.6 | 24.84 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | 16QAM | 25.35 | -0.6 | 24.75 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | 16QAM | 23.53 | -0.6 | 22.93 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Mid | 16QAM | 23.53 | -0.6 | 22.93 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | 16QAM | 23.58 | -0.6 | 22.98 | 33.01 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | 16QAM | 23.53 | -0.6 | 22.93 | 33.01 | PASS |

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | ERP (dBm) | ERP Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-------------|-----------|-----------|-----------------|---------|
| Band12 | 1.4             | 23017      | 1       | #0          | QPSK       | 21.75       | -2.8      | 16.80     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Mid        | QPSK       | 21.83       | -2.8      | 16.88     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Max        | QPSK       | 21.76       | -2.8      | 16.81     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #0          | QPSK       | 21.67       | -2.8      | 16.72     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Mid        | QPSK       | 21.65       | -2.8      | 16.70     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Max        | QPSK       | 21.70       | -2.8      | 16.75     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | QPSK       | 20.65       | -2.8      | 15.70     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #0          | 16QAM      | 21.56       | -2.8      | 16.61     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Mid        | 16QAM      | 21.61       | -2.8      | 16.66     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Max        | 16QAM      | 21.57       | -2.8      | 16.62     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #0          | 16QAM      | 20.90       | -2.8      | 15.95     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Mid        | 16QAM      | 20.93       | -2.8      | 15.98     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Max        | 16QAM      | 20.84       | -2.8      | 15.89     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | 16QAM      | 19.61       | -2.8      | 14.66     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | QPSK       | 21.33       | -2.8      | 16.38     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Mid        | QPSK       | 21.81       | -2.8      | 16.86     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Max        | QPSK       | 21.76       | -2.8      | 16.81     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #0          | QPSK       | 21.70       | -2.8      | 16.75     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Mid        | QPSK       | 21.73       | -2.8      | 16.78     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Max        | QPSK       | 21.71       | -2.8      | 16.76     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | QPSK       | 20.70       | -2.8      | 15.75     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | 16QAM      | 20.69       | -2.8      | 15.74     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Mid        | 16QAM      | 21.41       | -2.8      | 16.46     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Max        | 16QAM      | 21.35       | -2.8      | 16.40     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #0          | 16QAM      | 20.68       | -2.8      | 15.73     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Mid        | 16QAM      | 20.69       | -2.8      | 15.74     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Max        | 16QAM      | 20.70       | -2.8      | 15.75     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | 16QAM      | 19.73       | -2.8      | 14.78     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | QPSK       | 21.68       | -2.8      | 16.73     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Mid        | QPSK       | 21.27       | -2.8      | 16.32     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Max        | QPSK       | 21.31       | -2.8      | 16.36     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #0          | QPSK       | 21.74       | -2.8      | 16.79     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Mid        | QPSK       | 21.31       | -2.8      | 16.36     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Max        | QPSK       | 21.29       | -2.8      | 16.34     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QPSK       | 20.22       | -2.8      | 15.27     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | 16QAM      | 21.56       | -2.8      | 16.61     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Mid        | 16QAM      | 21.09       | -2.8      | 16.14     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Max        | 16QAM      | 21.03       | -2.8      | 16.08     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #0          | 16QAM      | 21.16       | -2.8      | 16.21     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Mid        | 16QAM      | 20.68       | -2.8      | 15.73     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Max        | 16QAM      | 20.56       | -2.8      | 15.61     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | 16QAM      | 19.48       | -2.8      | 14.53     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | QPSK       | 21.59       | -2.8      | 16.64     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Mid        | QPSK       | 21.69       | -2.8      | 16.74     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Max        | QPSK       | 21.31       | -2.8      | 16.36     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #0          | QPSK       | 20.71       | -2.8      | 15.76     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Mid        | QPSK       | 20.70       | -2.8      | 15.75     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Max        | QPSK       | 20.27       | -2.8      | 15.32     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QPSK       | 20.63       | -2.8      | 15.68     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | 16QAM      | 21.47       | -2.8      | 16.52     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Mid        | 16QAM      | 21.38       | -2.8      | 16.43     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Max        | 16QAM      | 20.95       | -2.8      | 16.00     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #0          | 16QAM      | 19.43       | -2.8      | 14.48     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Mid        | 16QAM      | 19.60       | -2.8      | 14.65     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Max        | 16QAM      | 19.63       | -2.8      | 14.68     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | 16QAM      | 19.54       | -2.8      | 14.59     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | QPSK       | 21.22       | -2.8      | 16.27     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Mid        | QPSK       | 21.73       | -2.8      | 16.78     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Max        | QPSK       | 21.76       | -2.8      | 16.81     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #0          | QPSK       | 20.14       | -2.8      | 15.19     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #Mid        | QPSK       | 20.79       | -2.8      | 15.84     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #Max        | QPSK       | 20.78       | -2.8      | 15.83     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QPSK       | 20.72       | -2.8      | 15.77     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | 16QAM      | 20.78       | -2.8      | 15.83     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Mid        | 16QAM      | 21.38       | -2.8      | 16.43     | 34.77           | PASS    |

|        |    |       |    |      |       |       |      |       |       |      |
|--------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band12 | 3  | 23095 | 1  | #Max | 16QAM | 21.39 | -2.8 | 16.44 | 34.77 | PASS |
| Band12 | 3  | 23095 | 8  | #0   | 16QAM | 20.71 | -2.8 | 15.76 | 34.77 | PASS |
| Band12 | 3  | 23095 | 8  | #Mid | 16QAM | 20.69 | -2.8 | 15.74 | 34.77 | PASS |
| Band12 | 3  | 23095 | 8  | #Max | 16QAM | 20.52 | -2.8 | 15.57 | 34.77 | PASS |
| Band12 | 3  | 23095 | 15 | #0   | 16QAM | 20.60 | -2.8 | 15.65 | 34.77 | PASS |
| Band12 | 3  | 23165 | 1  | #0   | QPSK  | 21.66 | -2.8 | 16.71 | 34.77 | PASS |
| Band12 | 3  | 23165 | 1  | #Mid | QPSK  | 21.72 | -2.8 | 16.77 | 34.77 | PASS |
| Band12 | 3  | 23165 | 1  | #Max | QPSK  | 21.35 | -2.8 | 16.40 | 34.77 | PASS |
| Band12 | 3  | 23165 | 8  | #0   | QPSK  | 20.68 | -2.8 | 15.73 | 34.77 | PASS |
| Band12 | 3  | 23165 | 8  | #Mid | QPSK  | 20.69 | -2.8 | 15.74 | 34.77 | PASS |
| Band12 | 3  | 23165 | 8  | #Max | QPSK  | 20.14 | -2.8 | 15.19 | 34.77 | PASS |
| Band12 | 3  | 23165 | 15 | #0   | QPSK  | 20.74 | -2.8 | 15.79 | 34.77 | PASS |
| Band12 | 3  | 23165 | 1  | #0   | 16QAM | 21.51 | -2.8 | 16.56 | 34.77 | PASS |
| Band12 | 3  | 23165 | 1  | #Mid | 16QAM | 21.66 | -2.8 | 16.71 | 34.77 | PASS |
| Band12 | 3  | 23165 | 1  | #Max | 16QAM | 21.10 | -2.8 | 16.15 | 34.77 | PASS |
| Band12 | 3  | 23165 | 8  | #0   | 16QAM | 20.70 | -2.8 | 15.75 | 34.77 | PASS |
| Band12 | 3  | 23165 | 8  | #Mid | 16QAM | 20.72 | -2.8 | 15.77 | 34.77 | PASS |
| Band12 | 3  | 23165 | 8  | #Max | 16QAM | 20.59 | -2.8 | 15.64 | 34.77 | PASS |
| Band12 | 3  | 23165 | 15 | #0   | 16QAM | 20.75 | -2.8 | 15.80 | 34.77 | PASS |
| Band12 | 5  | 23035 | 1  | #0   | QPSK  | 21.58 | -2.8 | 16.63 | 34.77 | PASS |
| Band12 | 5  | 23035 | 1  | #Mid | QPSK  | 21.19 | -2.8 | 16.24 | 34.77 | PASS |
| Band12 | 5  | 23035 | 1  | #Max | QPSK  | 21.15 | -2.8 | 16.20 | 34.77 | PASS |
| Band12 | 5  | 23035 | 12 | #0   | QPSK  | 20.68 | -2.8 | 15.73 | 34.77 | PASS |
| Band12 | 5  | 23035 | 12 | #Mid | QPSK  | 20.27 | -2.8 | 15.32 | 34.77 | PASS |
| Band12 | 5  | 23035 | 12 | #Max | QPSK  | 20.17 | -2.8 | 15.22 | 34.77 | PASS |
| Band12 | 5  | 23035 | 25 | #0   | QPSK  | 20.09 | -2.8 | 15.14 | 34.77 | PASS |
| Band12 | 5  | 23035 | 1  | #0   | 16QAM | 20.73 | -2.8 | 15.78 | 34.77 | PASS |
| Band12 | 5  | 23035 | 1  | #Mid | 16QAM | 20.17 | -2.8 | 15.22 | 34.77 | PASS |
| Band12 | 5  | 23035 | 1  | #Max | 16QAM | 20.34 | -2.8 | 15.39 | 34.77 | PASS |
| Band12 | 5  | 23035 | 12 | #0   | 16QAM | 19.10 | -2.8 | 14.15 | 34.77 | PASS |
| Band12 | 5  | 23035 | 12 | #Mid | 16QAM | 19.40 | -2.8 | 14.45 | 34.77 | PASS |
| Band12 | 5  | 23035 | 12 | #Max | 16QAM | 19.33 | -2.8 | 14.38 | 34.77 | PASS |
| Band12 | 5  | 23035 | 25 | #0   | 16QAM | 19.20 | -2.8 | 14.25 | 34.77 | PASS |
| Band12 | 5  | 23095 | 1  | #0   | QPSK  | 21.16 | -2.8 | 16.21 | 34.77 | PASS |
| Band12 | 5  | 23095 | 1  | #Mid | QPSK  | 21.59 | -2.8 | 16.64 | 34.77 | PASS |
| Band12 | 5  | 23095 | 1  | #Max | QPSK  | 21.59 | -2.8 | 16.64 | 34.77 | PASS |
| Band12 | 5  | 23095 | 12 | #0   | QPSK  | 20.08 | -2.8 | 15.13 | 34.77 | PASS |
| Band12 | 5  | 23095 | 12 | #Mid | QPSK  | 20.62 | -2.8 | 15.67 | 34.77 | PASS |
| Band12 | 5  | 23095 | 12 | #Max | QPSK  | 20.62 | -2.8 | 15.67 | 34.77 | PASS |
| Band12 | 5  | 23095 | 25 | #0   | QPSK  | 20.80 | -2.8 | 15.85 | 34.77 | PASS |
| Band12 | 5  | 23095 | 1  | #0   | 16QAM | 19.82 | -2.8 | 14.87 | 34.77 | PASS |
| Band12 | 5  | 23095 | 1  | #Mid | 16QAM | 20.46 | -2.8 | 15.51 | 34.77 | PASS |
| Band12 | 5  | 23095 | 1  | #Max | 16QAM | 20.38 | -2.8 | 15.43 | 34.77 | PASS |
| Band12 | 5  | 23095 | 12 | #0   | 16QAM | 19.95 | -2.8 | 15.00 | 34.77 | PASS |
| Band12 | 5  | 23095 | 12 | #Mid | 16QAM | 19.99 | -2.8 | 15.04 | 34.77 | PASS |
| Band12 | 5  | 23095 | 12 | #Max | 16QAM | 19.67 | -2.8 | 14.72 | 34.77 | PASS |
| Band12 | 5  | 23095 | 25 | #0   | 16QAM | 19.89 | -2.8 | 14.94 | 34.77 | PASS |
| Band12 | 5  | 23155 | 1  | #0   | QPSK  | 21.20 | -2.8 | 16.25 | 34.77 | PASS |
| Band12 | 5  | 23155 | 1  | #Mid | QPSK  | 21.68 | -2.8 | 16.73 | 34.77 | PASS |
| Band12 | 5  | 23155 | 1  | #Max | QPSK  | 21.15 | -2.8 | 16.20 | 34.77 | PASS |
| Band12 | 5  | 23155 | 12 | #0   | QPSK  | 20.32 | -2.8 | 15.37 | 34.77 | PASS |
| Band12 | 5  | 23155 | 12 | #Mid | QPSK  | 20.68 | -2.8 | 15.73 | 34.77 | PASS |
| Band12 | 5  | 23155 | 12 | #Max | QPSK  | 20.70 | -2.8 | 15.75 | 34.77 | PASS |
| Band12 | 5  | 23155 | 25 | #0   | QPSK  | 20.80 | -2.8 | 15.85 | 34.77 | PASS |
| Band12 | 5  | 23155 | 1  | #0   | 16QAM | 20.10 | -2.8 | 15.15 | 34.77 | PASS |
| Band12 | 5  | 23155 | 1  | #Mid | 16QAM | 20.59 | -2.8 | 15.64 | 34.77 | PASS |
| Band12 | 5  | 23155 | 1  | #Max | 16QAM | 20.10 | -2.8 | 15.15 | 34.77 | PASS |
| Band12 | 5  | 23155 | 12 | #0   | 16QAM | 19.76 | -2.8 | 14.81 | 34.77 | PASS |
| Band12 | 5  | 23155 | 12 | #Mid | 16QAM | 20.04 | -2.8 | 15.09 | 34.77 | PASS |
| Band12 | 5  | 23155 | 12 | #Max | 16QAM | 19.83 | -2.8 | 14.88 | 34.77 | PASS |
| Band12 | 5  | 23155 | 25 | #0   | 16QAM | 19.74 | -2.8 | 14.79 | 34.77 | PASS |
| Band12 | 10 | 23060 | 1  | #0   | QPSK  | 21.73 | -2.8 | 16.78 | 34.77 | PASS |
| Band12 | 10 | 23060 | 1  | #Mid | QPSK  | 21.37 | -2.8 | 16.42 | 34.77 | PASS |
| Band12 | 10 | 23060 | 1  | #Max | QPSK  | 21.80 | -2.8 | 16.85 | 34.77 | PASS |
| Band12 | 10 | 23060 | 25 | #0   | QPSK  | 20.18 | -2.8 | 15.23 | 34.77 | PASS |
| Band12 | 10 | 23060 | 25 | #Mid | QPSK  | 20.12 | -2.8 | 15.17 | 34.77 | PASS |
| Band12 | 10 | 23060 | 25 | #Max | QPSK  | 20.07 | -2.8 | 15.12 | 34.77 | PASS |
| Band12 | 10 | 23060 | 50 | #0   | QPSK  | 20.25 | -2.8 | 15.30 | 34.77 | PASS |

|        |    |       |    |      |       |       |      |       |       |      |
|--------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band12 | 10 | 23060 | 1  | #0   | 16QAM | 21.58 | -2.8 | 16.63 | 34.77 | PASS |
| Band12 | 10 | 23060 | 1  | #Mid | 16QAM | 21.24 | -2.8 | 16.29 | 34.77 | PASS |
| Band12 | 10 | 23060 | 1  | #Max | 16QAM | 21.65 | -2.8 | 16.70 | 34.77 | PASS |
| Band12 | 10 | 23060 | 25 | #0   | 16QAM | 20.71 | -2.8 | 15.76 | 34.77 | PASS |
| Band12 | 10 | 23060 | 25 | #Mid | 16QAM | 20.87 | -2.8 | 15.92 | 34.77 | PASS |
| Band12 | 10 | 23060 | 25 | #Max | 16QAM | 20.91 | -2.8 | 15.96 | 34.77 | PASS |
| Band12 | 10 | 23060 | 50 | #0   | 16QAM | 20.80 | -2.8 | 15.85 | 34.77 | PASS |
| Band12 | 10 | 23095 | 1  | #0   | QPSK  | 21.29 | -2.8 | 16.34 | 34.77 | PASS |
| Band12 | 10 | 23095 | 1  | #Mid | QPSK  | 21.87 | -2.8 | 16.92 | 34.77 | PASS |
| Band12 | 10 | 23095 | 1  | #Max | QPSK  | 21.49 | -2.8 | 16.54 | 34.77 | PASS |
| Band12 | 10 | 23095 | 25 | #0   | QPSK  | 20.05 | -2.8 | 15.10 | 34.77 | PASS |
| Band12 | 10 | 23095 | 25 | #Mid | QPSK  | 20.65 | -2.8 | 15.70 | 34.77 | PASS |
| Band12 | 10 | 23095 | 25 | #Max | QPSK  | 20.75 | -2.8 | 15.80 | 34.77 | PASS |
| Band12 | 10 | 23095 | 50 | #0   | QPSK  | 20.73 | -2.8 | 15.78 | 34.77 | PASS |
| Band12 | 10 | 23095 | 1  | #0   | 16QAM | 20.13 | -2.8 | 15.18 | 34.77 | PASS |
| Band12 | 10 | 23095 | 1  | #Mid | 16QAM | 20.67 | -2.8 | 15.72 | 34.77 | PASS |
| Band12 | 10 | 23095 | 1  | #Max | 16QAM | 20.36 | -2.8 | 15.41 | 34.77 | PASS |
| Band12 | 10 | 23095 | 25 | #0   | 16QAM | 19.19 | -2.8 | 14.24 | 34.77 | PASS |
| Band12 | 10 | 23095 | 25 | #Mid | 16QAM | 19.12 | -2.8 | 14.17 | 34.77 | PASS |
| Band12 | 10 | 23095 | 25 | #Max | 16QAM | 19.17 | -2.8 | 14.22 | 34.77 | PASS |
| Band12 | 10 | 23095 | 50 | #0   | 16QAM | 19.23 | -2.8 | 14.28 | 34.77 | PASS |
| Band12 | 10 | 23130 | 1  | #0   | QPSK  | 21.21 | -2.8 | 16.26 | 34.77 | PASS |
| Band12 | 10 | 23130 | 1  | #Mid | QPSK  | 21.66 | -2.8 | 16.71 | 34.77 | PASS |
| Band12 | 10 | 23130 | 1  | #Max | QPSK  | 21.39 | -2.8 | 16.44 | 34.77 | PASS |
| Band12 | 10 | 23130 | 25 | #0   | QPSK  | 20.75 | -2.8 | 15.80 | 34.77 | PASS |
| Band12 | 10 | 23130 | 25 | #Mid | QPSK  | 20.64 | -2.8 | 15.69 | 34.77 | PASS |
| Band12 | 10 | 23130 | 25 | #Max | QPSK  | 20.78 | -2.8 | 15.83 | 34.77 | PASS |
| Band12 | 10 | 23130 | 50 | #0   | QPSK  | 20.67 | -2.8 | 15.72 | 34.77 | PASS |
| Band12 | 10 | 23130 | 1  | #0   | 16QAM | 20.58 | -2.8 | 15.63 | 34.77 | PASS |
| Band12 | 10 | 23130 | 1  | #Mid | 16QAM | 21.15 | -2.8 | 16.20 | 34.77 | PASS |
| Band12 | 10 | 23130 | 1  | #Max | 16QAM | 20.65 | -2.8 | 15.70 | 34.77 | PASS |
| Band12 | 10 | 23130 | 25 | #0   | 16QAM | 19.13 | -2.8 | 14.18 | 34.77 | PASS |
| Band12 | 10 | 23130 | 25 | #Mid | 16QAM | 19.35 | -2.8 | 14.40 | 34.77 | PASS |
| Band12 | 10 | 23130 | 25 | #Max | 16QAM | 19.75 | -2.8 | 14.80 | 34.77 | PASS |
| Band12 | 10 | 23130 | 50 | #0   | 16QAM | 19.44 | -2.8 | 14.49 | 34.77 | PASS |

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | ERP (dBm) | ERP Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-------------|-----------|-----------|-----------------|---------|
| Band13 | 5               | 23205      | 1       | #0          | QPSK       | 24.05       | -2.6      | 19.30     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 1       | #Mid        | QPSK       | 23.95       | -2.6      | 19.20     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 1       | #Max        | QPSK       | 23.97       | -2.6      | 19.22     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 12      | #0          | QPSK       | 23.01       | -2.6      | 18.26     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 12      | #Mid        | QPSK       | 22.85       | -2.6      | 18.10     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 12      | #Max        | QPSK       | 22.87       | -2.6      | 18.12     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 25      | #0          | QPSK       | 22.89       | -2.6      | 18.14     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 1       | #0          | 16QAM      | 22.76       | -2.6      | 18.01     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 1       | #Mid        | 16QAM      | 22.49       | -2.6      | 17.74     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 1       | #Max        | 16QAM      | 22.62       | -2.6      | 17.87     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 12      | #0          | 16QAM      | 21.92       | -2.6      | 17.17     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 12      | #Mid        | 16QAM      | 22.19       | -2.6      | 17.44     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 12      | #Max        | 16QAM      | 22.17       | -2.6      | 17.42     | 34.77           | PASS    |
| Band13 | 5               | 23205      | 25      | #0          | 16QAM      | 22.43       | -2.6      | 17.68     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 1       | #0          | QPSK       | 23.85       | -2.6      | 19.10     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 1       | #Mid        | QPSK       | 23.79       | -2.6      | 19.04     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 1       | #Max        | QPSK       | 23.83       | -2.6      | 19.08     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 12      | #0          | QPSK       | 22.93       | -2.6      | 18.18     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 12      | #Mid        | QPSK       | 22.89       | -2.6      | 18.14     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 12      | #Max        | QPSK       | 22.99       | -2.6      | 18.24     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 25      | #0          | QPSK       | 23.10       | -2.6      | 18.35     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 1       | #0          | 16QAM      | 22.77       | -2.6      | 18.02     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 1       | #Mid        | 16QAM      | 22.90       | -2.6      | 18.15     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 1       | #Max        | 16QAM      | 22.82       | -2.6      | 18.07     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 12      | #0          | 16QAM      | 22.25       | -2.6      | 17.50     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 12      | #Mid        | 16QAM      | 21.93       | -2.6      | 17.18     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 12      | #Max        | 16QAM      | 21.87       | -2.6      | 17.12     | 34.77           | PASS    |
| Band13 | 5               | 23230      | 25      | #0          | 16QAM      | 21.88       | -2.6      | 17.13     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 1       | #0          | QPSK       | 23.87       | -2.6      | 19.12     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 1       | #Mid        | QPSK       | 23.82       | -2.6      | 19.07     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 1       | #Max        | QPSK       | 23.87       | -2.6      | 19.12     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 12      | #0          | QPSK       | 22.87       | -2.6      | 18.12     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 12      | #Mid        | QPSK       | 22.97       | -2.6      | 18.22     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 12      | #Max        | QPSK       | 22.91       | -2.6      | 18.16     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 25      | #0          | QPSK       | 22.90       | -2.6      | 18.15     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 1       | #0          | 16QAM      | 23.06       | -2.6      | 18.31     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 1       | #Mid        | 16QAM      | 22.99       | -2.6      | 18.24     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 1       | #Max        | 16QAM      | 23.01       | -2.6      | 18.26     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 12      | #0          | 16QAM      | 21.84       | -2.6      | 17.09     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 12      | #Mid        | 16QAM      | 21.77       | -2.6      | 17.02     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 12      | #Max        | 16QAM      | 21.77       | -2.6      | 17.02     | 34.77           | PASS    |
| Band13 | 5               | 23255      | 25      | #0          | 16QAM      | 22.04       | -2.6      | 17.29     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 1       | #0          | QPSK       | 24.10       | -2.6      | 19.35     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 1       | #Mid        | QPSK       | 23.90       | -2.6      | 19.15     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 1       | #Max        | QPSK       | 24.00       | -2.6      | 19.25     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 25      | #0          | QPSK       | 22.92       | -2.6      | 18.17     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 25      | #Mid        | QPSK       | 22.97       | -2.6      | 18.22     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 25      | #Max        | QPSK       | 22.94       | -2.6      | 18.19     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 50      | #0          | QPSK       | 23.00       | -2.6      | 18.25     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 1       | #0          | 16QAM      | 24.09       | -2.6      | 19.34     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 1       | #Mid        | 16QAM      | 23.99       | -2.6      | 19.24     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 1       | #Max        | 16QAM      | 23.95       | -2.6      | 19.20     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 25      | #0          | 16QAM      | 22.23       | -2.6      | 17.48     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 25      | #Mid        | 16QAM      | 21.87       | -2.6      | 17.12     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 25      | #Max        | 16QAM      | 21.82       | -2.6      | 17.07     | 34.77           | PASS    |
| Band13 | 10              | 23230      | 50      | #0          | 16QAM      | 22.01       | -2.6      | 17.26     | 34.77           | PASS    |

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | ERP (dBm) | ERP Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-------------|-----------|-----------|-----------------|---------|
| Band17 | 5               | 23755      | 1       | #0          | QPSK       | 24.18       | -2.8      | 19.23     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 1       | #Mid        | QPSK       | 24.10       | -2.8      | 19.15     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 1       | #Max        | QPSK       | 24.12       | -2.8      | 19.17     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 12      | #0          | QPSK       | 23.26       | -2.8      | 18.31     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 12      | #Mid        | QPSK       | 23.15       | -2.8      | 18.20     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 12      | #Max        | QPSK       | 23.19       | -2.8      | 18.24     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 25      | #0          | QPSK       | 23.30       | -2.8      | 18.35     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 1       | #0          | 16QAM      | 22.87       | -2.8      | 17.92     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 1       | #Mid        | 16QAM      | 22.93       | -2.8      | 17.98     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 1       | #Max        | 16QAM      | 22.81       | -2.8      | 17.86     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 12      | #0          | 16QAM      | 22.07       | -2.8      | 17.12     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 12      | #Mid        | 16QAM      | 21.98       | -2.8      | 17.03     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 12      | #Max        | 16QAM      | 22.03       | -2.8      | 17.08     | 34.77           | PASS    |
| Band17 | 5               | 23755      | 25      | #0          | 16QAM      | 22.32       | -2.8      | 17.37     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 1       | #0          | QPSK       | 24.07       | -2.8      | 19.12     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 1       | #Mid        | QPSK       | 23.99       | -2.8      | 19.04     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 1       | #Max        | QPSK       | 24.16       | -2.8      | 19.21     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 12      | #0          | QPSK       | 23.14       | -2.8      | 18.19     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 12      | #Mid        | QPSK       | 23.19       | -2.8      | 18.24     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 12      | #Max        | QPSK       | 23.26       | -2.8      | 18.31     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 25      | #0          | QPSK       | 23.15       | -2.8      | 18.20     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 1       | #0          | 16QAM      | 23.79       | -2.8      | 18.84     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 1       | #Mid        | 16QAM      | 23.72       | -2.8      | 18.77     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 1       | #Max        | 16QAM      | 23.87       | -2.8      | 18.92     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 12      | #0          | 16QAM      | 22.11       | -2.8      | 17.16     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 12      | #Mid        | 16QAM      | 22.62       | -2.8      | 17.67     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 12      | #Max        | 16QAM      | 22.24       | -2.8      | 17.29     | 34.77           | PASS    |
| Band17 | 5               | 23790      | 25      | #0          | 16QAM      | 22.78       | -2.8      | 17.83     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 1       | #0          | QPSK       | 24.11       | -2.8      | 19.16     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 1       | #Mid        | QPSK       | 24.14       | -2.8      | 19.19     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 1       | #Max        | QPSK       | 24.20       | -2.8      | 19.25     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 12      | #0          | QPSK       | 23.22       | -2.8      | 18.27     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 12      | #Mid        | QPSK       | 23.38       | -2.8      | 18.43     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 12      | #Max        | QPSK       | 23.28       | -2.8      | 18.33     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 25      | #0          | QPSK       | 23.31       | -2.8      | 18.36     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 1       | #0          | 16QAM      | 23.38       | -2.8      | 18.43     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 1       | #Mid        | 16QAM      | 23.38       | -2.8      | 18.43     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 1       | #Max        | 16QAM      | 23.44       | -2.8      | 18.49     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 12      | #0          | 16QAM      | 22.10       | -2.8      | 17.15     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 12      | #Mid        | 16QAM      | 22.19       | -2.8      | 17.24     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 12      | #Max        | 16QAM      | 22.27       | -2.8      | 17.32     | 34.77           | PASS    |
| Band17 | 5               | 23825      | 25      | #0          | 16QAM      | 22.38       | -2.8      | 17.43     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 1       | #0          | QPSK       | 24.15       | -2.8      | 19.20     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 1       | #Mid        | QPSK       | 24.21       | -2.8      | 19.26     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 1       | #Max        | QPSK       | 24.29       | -2.8      | 19.34     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 25      | #0          | QPSK       | 23.32       | -2.8      | 18.37     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 25      | #Mid        | QPSK       | 23.16       | -2.8      | 18.21     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 25      | #Max        | QPSK       | 23.28       | -2.8      | 18.33     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 50      | #0          | QPSK       | 23.18       | -2.8      | 18.23     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 1       | #0          | 16QAM      | 24.09       | -2.8      | 19.14     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 1       | #Mid        | 16QAM      | 24.00       | -2.8      | 19.05     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 1       | #Max        | 16QAM      | 24.17       | -2.8      | 19.22     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 25      | #0          | 16QAM      | 22.15       | -2.8      | 17.20     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 25      | #Mid        | 16QAM      | 22.10       | -2.8      | 17.15     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 25      | #Max        | 16QAM      | 22.28       | -2.8      | 17.33     | 34.77           | PASS    |
| Band17 | 10              | 23780      | 50      | #0          | 16QAM      | 22.08       | -2.8      | 17.13     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 1       | #0          | QPSK       | 24.20       | -2.8      | 19.25     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 1       | #Mid        | QPSK       | 24.26       | -2.8      | 19.31     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 1       | #Max        | QPSK       | 24.41       | -2.8      | 19.46     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 25      | #0          | QPSK       | 23.19       | -2.8      | 18.24     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 25      | #Mid        | QPSK       | 23.20       | -2.8      | 18.25     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 25      | #Max        | QPSK       | 23.36       | -2.8      | 18.41     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 50      | #0          | QPSK       | 23.17       | -2.8      | 18.22     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 1       | #0          | 16QAM      | 23.86       | -2.8      | 18.91     | 34.77           | PASS    |
| Band17 | 10              | 23790      | 1       | #Mid        | 16QAM      | 23.93       | -2.8      | 18.98     | 34.77           | PASS    |

|        |    |       |    |      |       |       |      |       |       |      |
|--------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band17 | 10 | 23790 | 1  | #Max | 16QAM | 23.97 | -2.8 | 19.02 | 34.77 | PASS |
| Band17 | 10 | 23790 | 25 | #0   | 16QAM | 22.13 | -2.8 | 17.18 | 34.77 | PASS |
| Band17 | 10 | 23790 | 25 | #Mid | 16QAM | 22.75 | -2.8 | 17.80 | 34.77 | PASS |
| Band17 | 10 | 23790 | 25 | #Max | 16QAM | 22.34 | -2.8 | 17.39 | 34.77 | PASS |
| Band17 | 10 | 23790 | 50 | #0   | 16QAM | 22.74 | -2.8 | 17.79 | 34.77 | PASS |
| Band17 | 10 | 23800 | 1  | #0   | QPSK  | 24.07 | -2.8 | 19.12 | 34.77 | PASS |
| Band17 | 10 | 23800 | 1  | #Mid | QPSK  | 24.16 | -2.8 | 19.21 | 34.77 | PASS |
| Band17 | 10 | 23800 | 1  | #Max | QPSK  | 24.42 | -2.8 | 19.47 | 34.77 | PASS |
| Band17 | 10 | 23800 | 25 | #0   | QPSK  | 23.20 | -2.8 | 18.25 | 34.77 | PASS |
| Band17 | 10 | 23800 | 25 | #Mid | QPSK  | 23.27 | -2.8 | 18.32 | 34.77 | PASS |
| Band17 | 10 | 23800 | 25 | #Max | QPSK  | 23.39 | -2.8 | 18.44 | 34.77 | PASS |
| Band17 | 10 | 23800 | 50 | #0   | QPSK  | 23.32 | -2.8 | 18.37 | 34.77 | PASS |
| Band17 | 10 | 23800 | 1  | #0   | 16QAM | 23.69 | -2.8 | 18.74 | 34.77 | PASS |
| Band17 | 10 | 23800 | 1  | #Mid | 16QAM | 23.60 | -2.8 | 18.65 | 34.77 | PASS |
| Band17 | 10 | 23800 | 1  | #Max | 16QAM | 23.77 | -2.8 | 18.82 | 34.77 | PASS |
| Band17 | 10 | 23800 | 25 | #0   | 16QAM | 22.24 | -2.8 | 17.29 | 34.77 | PASS |
| Band17 | 10 | 23800 | 25 | #Mid | 16QAM | 22.74 | -2.8 | 17.79 | 34.77 | PASS |
| Band17 | 10 | 23800 | 25 | #Max | 16QAM | 22.38 | -2.8 | 17.43 | 34.77 | PASS |
| Band17 | 10 | 23800 | 50 | #0   | 16QAM | 22.68 | -2.8 | 17.73 | 34.77 | PASS |

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-------------|-----------|------------|------------------|---------|
| Band38 | 5               | 37775      | 1       | #0          | QPSK       | 24.58       | -0.6      | 23.98      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 1       | #Mid        | QPSK       | 24.63       | -0.6      | 24.03      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 1       | #Max        | QPSK       | 24.59       | -0.6      | 23.99      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 12      | #0          | QPSK       | 23.64       | -0.6      | 23.04      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 12      | #Mid        | QPSK       | 23.75       | -0.6      | 23.15      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 12      | #Max        | QPSK       | 23.68       | -0.6      | 23.08      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 25      | #0          | QPSK       | 23.66       | -0.6      | 23.06      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 1       | #0          | 16QAM      | 24.13       | -0.6      | 23.53      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 1       | #Mid        | 16QAM      | 24.07       | -0.6      | 23.47      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 1       | #Max        | 16QAM      | 24.08       | -0.6      | 23.48      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 12      | #0          | 16QAM      | 22.76       | -0.6      | 22.16      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 12      | #Mid        | 16QAM      | 22.66       | -0.6      | 22.06      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 12      | #Max        | 16QAM      | 22.65       | -0.6      | 22.05      | 33.01            | PASS    |
| Band38 | 5               | 37775      | 25      | #0          | 16QAM      | 22.77       | -0.6      | 22.17      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 1       | #0          | QPSK       | 24.81       | -0.6      | 24.21      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 1       | #Mid        | QPSK       | 24.65       | -0.6      | 24.05      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 1       | #Max        | QPSK       | 24.78       | -0.6      | 24.18      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 12      | #0          | QPSK       | 23.86       | -0.6      | 23.26      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 12      | #Mid        | QPSK       | 23.86       | -0.6      | 23.26      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 12      | #Max        | QPSK       | 23.94       | -0.6      | 23.34      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 25      | #0          | QPSK       | 23.84       | -0.6      | 23.24      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 1       | #0          | 16QAM      | 25.15       | -0.6      | 24.55      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 1       | #Mid        | 16QAM      | 25.09       | -0.6      | 24.49      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 1       | #Max        | 16QAM      | 25.08       | -0.6      | 24.48      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 12      | #0          | 16QAM      | 22.96       | -0.6      | 22.36      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 12      | #Mid        | 16QAM      | 22.92       | -0.6      | 22.32      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 12      | #Max        | 16QAM      | 22.92       | -0.6      | 22.32      | 33.01            | PASS    |
| Band38 | 5               | 38000      | 25      | #0          | 16QAM      | 23.16       | -0.6      | 22.56      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 1       | #0          | QPSK       | 24.69       | -0.6      | 24.09      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 1       | #Mid        | QPSK       | 24.68       | -0.6      | 24.08      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 1       | #Max        | QPSK       | 24.61       | -0.6      | 24.01      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 12      | #0          | QPSK       | 23.54       | -0.6      | 22.94      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 12      | #Mid        | QPSK       | 23.56       | -0.6      | 22.96      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 12      | #Max        | QPSK       | 23.63       | -0.6      | 23.03      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 25      | #0          | QPSK       | 23.60       | -0.6      | 23.00      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 1       | #0          | 16QAM      | 23.89       | -0.6      | 23.29      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 1       | #Mid        | 16QAM      | 23.90       | -0.6      | 23.30      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 1       | #Max        | 16QAM      | 23.79       | -0.6      | 23.19      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 12      | #0          | 16QAM      | 22.47       | -0.6      | 21.87      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 12      | #Mid        | 16QAM      | 22.50       | -0.6      | 21.90      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 12      | #Max        | 16QAM      | 22.58       | -0.6      | 21.98      | 33.01            | PASS    |
| Band38 | 5               | 38225      | 25      | #0          | 16QAM      | 22.88       | -0.6      | 22.28      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 1       | #0          | QPSK       | 24.96       | -0.6      | 24.36      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 1       | #Mid        | QPSK       | 24.96       | -0.6      | 24.36      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 1       | #Max        | QPSK       | 25.11       | -0.6      | 24.51      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 25      | #0          | QPSK       | 23.77       | -0.6      | 23.17      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 25      | #Mid        | QPSK       | 23.76       | -0.6      | 23.16      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 25      | #Max        | QPSK       | 23.79       | -0.6      | 23.19      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 50      | #0          | QPSK       | 23.46       | -0.6      | 22.86      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 1       | #0          | 16QAM      | 24.72       | -0.6      | 24.12      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 1       | #Mid        | 16QAM      | 24.83       | -0.6      | 24.23      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 1       | #Max        | 16QAM      | 24.88       | -0.6      | 24.28      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 25      | #0          | 16QAM      | 22.80       | -0.6      | 22.20      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 25      | #Mid        | 16QAM      | 22.75       | -0.6      | 22.15      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 25      | #Max        | 16QAM      | 22.82       | -0.6      | 22.22      | 33.01            | PASS    |
| Band38 | 10              | 37800      | 50      | #0          | 16QAM      | 22.53       | -0.6      | 21.93      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 1       | #0          | QPSK       | 24.98       | -0.6      | 24.38      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 1       | #Mid        | QPSK       | 25.09       | -0.6      | 24.49      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 1       | #Max        | QPSK       | 25.11       | -0.6      | 24.51      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 25      | #0          | QPSK       | 23.94       | -0.6      | 23.34      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 25      | #Mid        | QPSK       | 23.95       | -0.6      | 23.35      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 25      | #Max        | QPSK       | 24.02       | -0.6      | 23.42      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 50      | #0          | QPSK       | 23.60       | -0.6      | 23.00      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 1       | #0          | 16QAM      | 24.79       | -0.6      | 24.19      | 33.01            | PASS    |
| Band38 | 10              | 38000      | 1       | #Mid        | 16QAM      | 24.67       | -0.6      | 24.07      | 33.01            | PASS    |

|        |    |       |     |      |       |       |      |       |       |      |
|--------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band38 | 10 | 38000 | 1   | #Max | 16QAM | 24.68 | -0.6 | 24.08 | 33.01 | PASS |
| Band38 | 10 | 38000 | 25  | #0   | 16QAM | 23.11 | -0.6 | 22.51 | 33.01 | PASS |
| Band38 | 10 | 38000 | 25  | #Mid | 16QAM | 23.14 | -0.6 | 22.54 | 33.01 | PASS |
| Band38 | 10 | 38000 | 25  | #Max | 16QAM | 23.13 | -0.6 | 22.53 | 33.01 | PASS |
| Band38 | 10 | 38000 | 50  | #0   | 16QAM | 22.61 | -0.6 | 22.01 | 33.01 | PASS |
| Band38 | 10 | 38200 | 1   | #0   | QPSK  | 24.64 | -0.6 | 24.04 | 33.01 | PASS |
| Band38 | 10 | 38200 | 1   | #Mid | QPSK  | 24.53 | -0.6 | 23.93 | 33.01 | PASS |
| Band38 | 10 | 38200 | 1   | #Max | QPSK  | 24.58 | -0.6 | 23.98 | 33.01 | PASS |
| Band38 | 10 | 38200 | 25  | #0   | QPSK  | 23.66 | -0.6 | 23.06 | 33.01 | PASS |
| Band38 | 10 | 38200 | 25  | #Mid | QPSK  | 23.58 | -0.6 | 22.98 | 33.01 | PASS |
| Band38 | 10 | 38200 | 25  | #Max | QPSK  | 23.66 | -0.6 | 23.06 | 33.01 | PASS |
| Band38 | 10 | 38200 | 50  | #0   | QPSK  | 23.24 | -0.6 | 22.64 | 33.01 | PASS |
| Band38 | 10 | 38200 | 1   | #0   | 16QAM | 24.54 | -0.6 | 23.94 | 33.01 | PASS |
| Band38 | 10 | 38200 | 1   | #Mid | 16QAM | 24.51 | -0.6 | 23.91 | 33.01 | PASS |
| Band38 | 10 | 38200 | 1   | #Max | 16QAM | 24.51 | -0.6 | 23.91 | 33.01 | PASS |
| Band38 | 10 | 38200 | 25  | #0   | 16QAM | 22.81 | -0.6 | 22.21 | 33.01 | PASS |
| Band38 | 10 | 38200 | 25  | #Mid | 16QAM | 22.71 | -0.6 | 22.11 | 33.01 | PASS |
| Band38 | 10 | 38200 | 25  | #Max | 16QAM | 22.86 | -0.6 | 22.26 | 33.01 | PASS |
| Band38 | 10 | 38200 | 50  | #0   | 16QAM | 22.22 | -0.6 | 21.62 | 33.01 | PASS |
| Band38 | 15 | 37825 | 1   | #0   | QPSK  | 24.98 | -0.6 | 24.38 | 33.01 | PASS |
| Band38 | 15 | 37825 | 1   | #Mid | QPSK  | 25.02 | -0.6 | 24.42 | 33.01 | PASS |
| Band38 | 15 | 37825 | 1   | #Max | QPSK  | 25.13 | -0.6 | 24.53 | 33.01 | PASS |
| Band38 | 15 | 37825 | 36  | #0   | QPSK  | 23.82 | -0.6 | 23.22 | 33.01 | PASS |
| Band38 | 15 | 37825 | 36  | #Mid | QPSK  | 23.93 | -0.6 | 23.33 | 33.01 | PASS |
| Band38 | 15 | 37825 | 36  | #Max | QPSK  | 23.88 | -0.6 | 23.28 | 33.01 | PASS |
| Band38 | 15 | 37825 | 75  | #0   | QPSK  | 23.45 | -0.6 | 22.85 | 33.01 | PASS |
| Band38 | 15 | 37825 | 1   | #0   | 16QAM | 24.85 | -0.6 | 24.25 | 33.01 | PASS |
| Band38 | 15 | 37825 | 1   | #Mid | 16QAM | 24.92 | -0.6 | 24.32 | 33.01 | PASS |
| Band38 | 15 | 37825 | 1   | #Max | 16QAM | 24.90 | -0.6 | 24.30 | 33.01 | PASS |
| Band38 | 15 | 37825 | 36  | #0   | 16QAM | 22.77 | -0.6 | 22.17 | 33.01 | PASS |
| Band38 | 15 | 37825 | 36  | #Mid | 16QAM | 22.88 | -0.6 | 22.28 | 33.01 | PASS |
| Band38 | 15 | 37825 | 36  | #Max | 16QAM | 22.93 | -0.6 | 22.33 | 33.01 | PASS |
| Band38 | 15 | 37825 | 75  | #0   | 16QAM | 22.53 | -0.6 | 21.93 | 33.01 | PASS |
| Band38 | 15 | 38000 | 1   | #0   | QPSK  | 25.00 | -0.6 | 24.40 | 33.01 | PASS |
| Band38 | 15 | 38000 | 1   | #Mid | QPSK  | 25.00 | -0.6 | 24.40 | 33.01 | PASS |
| Band38 | 15 | 38000 | 1   | #Max | QPSK  | 24.87 | -0.6 | 24.27 | 33.01 | PASS |
| Band38 | 15 | 38000 | 36  | #0   | QPSK  | 23.98 | -0.6 | 23.38 | 33.01 | PASS |
| Band38 | 15 | 38000 | 36  | #Mid | QPSK  | 23.89 | -0.6 | 23.29 | 33.01 | PASS |
| Band38 | 15 | 38000 | 36  | #Max | QPSK  | 24.03 | -0.6 | 23.43 | 33.01 | PASS |
| Band38 | 15 | 38000 | 75  | #0   | QPSK  | 23.51 | -0.6 | 22.91 | 33.01 | PASS |
| Band38 | 15 | 38000 | 1   | #0   | 16QAM | 24.82 | -0.6 | 24.22 | 33.01 | PASS |
| Band38 | 15 | 38000 | 1   | #Mid | 16QAM | 24.75 | -0.6 | 24.15 | 33.01 | PASS |
| Band38 | 15 | 38000 | 1   | #Max | 16QAM | 24.86 | -0.6 | 24.26 | 33.01 | PASS |
| Band38 | 15 | 38000 | 36  | #0   | 16QAM | 22.93 | -0.6 | 22.33 | 33.01 | PASS |
| Band38 | 15 | 38000 | 36  | #Mid | 16QAM | 22.92 | -0.6 | 22.32 | 33.01 | PASS |
| Band38 | 15 | 38000 | 36  | #Max | 16QAM | 22.88 | -0.6 | 22.28 | 33.01 | PASS |
| Band38 | 15 | 38000 | 75  | #0   | 16QAM | 22.62 | -0.6 | 22.02 | 33.01 | PASS |
| Band38 | 15 | 38175 | 1   | #0   | QPSK  | 24.65 | -0.6 | 24.05 | 33.01 | PASS |
| Band38 | 15 | 38175 | 1   | #Mid | QPSK  | 24.62 | -0.6 | 24.02 | 33.01 | PASS |
| Band38 | 15 | 38175 | 1   | #Max | QPSK  | 24.60 | -0.6 | 24.00 | 33.01 | PASS |
| Band38 | 15 | 38175 | 36  | #0   | QPSK  | 23.67 | -0.6 | 23.07 | 33.01 | PASS |
| Band38 | 15 | 38175 | 36  | #Mid | QPSK  | 23.77 | -0.6 | 23.17 | 33.01 | PASS |
| Band38 | 15 | 38175 | 36  | #Max | QPSK  | 23.66 | -0.6 | 23.06 | 33.01 | PASS |
| Band38 | 15 | 38175 | 75  | #0   | QPSK  | 23.36 | -0.6 | 22.76 | 33.01 | PASS |
| Band38 | 15 | 38175 | 1   | #0   | 16QAM | 24.24 | -0.6 | 23.64 | 33.01 | PASS |
| Band38 | 15 | 38175 | 1   | #Mid | 16QAM | 24.35 | -0.6 | 23.75 | 33.01 | PASS |
| Band38 | 15 | 38175 | 1   | #Max | 16QAM | 24.40 | -0.6 | 23.80 | 33.01 | PASS |
| Band38 | 15 | 38175 | 36  | #0   | 16QAM | 22.75 | -0.6 | 22.15 | 33.01 | PASS |
| Band38 | 15 | 38175 | 36  | #Mid | 16QAM | 22.72 | -0.6 | 22.12 | 33.01 | PASS |
| Band38 | 15 | 38175 | 36  | #Max | 16QAM | 22.63 | -0.6 | 22.03 | 33.01 | PASS |
| Band38 | 15 | 38175 | 75  | #0   | 16QAM | 22.39 | -0.6 | 21.79 | 33.01 | PASS |
| Band38 | 20 | 37850 | 1   | #0   | QPSK  | 25.41 | -0.6 | 24.81 | 33.01 | PASS |
| Band38 | 20 | 37850 | 1   | #Mid | QPSK  | 25.39 | -0.6 | 24.79 | 33.01 | PASS |
| Band38 | 20 | 37850 | 1   | #Max | QPSK  | 25.49 | -0.6 | 24.89 | 33.01 | PASS |
| Band38 | 20 | 37850 | 50  | #0   | QPSK  | 24.31 | -0.6 | 23.71 | 33.01 | PASS |
| Band38 | 20 | 37850 | 50  | #Mid | QPSK  | 24.35 | -0.6 | 23.75 | 33.01 | PASS |
| Band38 | 20 | 37850 | 50  | #Max | QPSK  | 24.55 | -0.6 | 23.95 | 33.01 | PASS |
| Band38 | 20 | 37850 | 100 | #0   | QPSK  | 23.98 | -0.6 | 23.38 | 33.01 | PASS |

|        |    |       |     |      |       |       |      |       |       |      |
|--------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band38 | 20 | 37850 | 1   | #0   | 16QAM | 24.97 | -0.6 | 24.37 | 33.01 | PASS |
| Band38 | 20 | 37850 | 1   | #Mid | 16QAM | 25.03 | -0.6 | 24.43 | 33.01 | PASS |
| Band38 | 20 | 37850 | 1   | #Max | 16QAM | 25.10 | -0.6 | 24.50 | 33.01 | PASS |
| Band38 | 20 | 37850 | 50  | #0   | 16QAM | 23.62 | -0.6 | 23.02 | 33.01 | PASS |
| Band38 | 20 | 37850 | 50  | #Mid | 16QAM | 23.58 | -0.6 | 22.98 | 33.01 | PASS |
| Band38 | 20 | 37850 | 50  | #Max | 16QAM | 23.70 | -0.6 | 23.10 | 33.01 | PASS |
| Band38 | 20 | 37850 | 100 | #0   | 16QAM | 23.48 | -0.6 | 22.88 | 33.01 | PASS |
| Band38 | 20 | 38000 | 1   | #0   | QPSK  | 25.18 | -0.6 | 24.58 | 33.01 | PASS |
| Band38 | 20 | 38000 | 1   | #Mid | QPSK  | 25.21 | -0.6 | 24.61 | 33.01 | PASS |
| Band38 | 20 | 38000 | 1   | #Max | QPSK  | 25.25 | -0.6 | 24.65 | 33.01 | PASS |
| Band38 | 20 | 38000 | 50  | #0   | QPSK  | 24.44 | -0.6 | 23.84 | 33.01 | PASS |
| Band38 | 20 | 38000 | 50  | #Mid | QPSK  | 24.43 | -0.6 | 23.83 | 33.01 | PASS |
| Band38 | 20 | 38000 | 50  | #Max | QPSK  | 24.44 | -0.6 | 23.84 | 33.01 | PASS |
| Band38 | 20 | 38000 | 100 | #0   | QPSK  | 24.03 | -0.6 | 23.43 | 33.01 | PASS |
| Band38 | 20 | 38000 | 1   | #0   | 16QAM | 25.23 | -0.6 | 24.63 | 33.01 | PASS |
| Band38 | 20 | 38000 | 1   | #Mid | 16QAM | 25.33 | -0.6 | 24.73 | 33.01 | PASS |
| Band38 | 20 | 38000 | 1   | #Max | 16QAM | 25.42 | -0.6 | 24.82 | 33.01 | PASS |
| Band38 | 20 | 38000 | 50  | #0   | 16QAM | 23.38 | -0.6 | 22.78 | 33.01 | PASS |
| Band38 | 20 | 38000 | 50  | #Mid | 16QAM | 23.38 | -0.6 | 22.78 | 33.01 | PASS |
| Band38 | 20 | 38000 | 50  | #Max | 16QAM | 23.42 | -0.6 | 22.82 | 33.01 | PASS |
| Band38 | 20 | 38000 | 100 | #0   | 16QAM | 23.48 | -0.6 | 22.88 | 33.01 | PASS |
| Band38 | 20 | 38150 | 1   | #0   | QPSK  | 25.39 | -0.6 | 24.79 | 33.01 | PASS |
| Band38 | 20 | 38150 | 1   | #Mid | QPSK  | 25.12 | -0.6 | 24.52 | 33.01 | PASS |
| Band38 | 20 | 38150 | 1   | #Max | QPSK  | 25.11 | -0.6 | 24.51 | 33.01 | PASS |
| Band38 | 20 | 38150 | 50  | #0   | QPSK  | 24.10 | -0.6 | 23.50 | 33.01 | PASS |
| Band38 | 20 | 38150 | 50  | #Mid | QPSK  | 24.21 | -0.6 | 23.61 | 33.01 | PASS |
| Band38 | 20 | 38150 | 50  | #Max | QPSK  | 24.02 | -0.6 | 23.42 | 33.01 | PASS |
| Band38 | 20 | 38150 | 100 | #0   | QPSK  | 23.81 | -0.6 | 23.21 | 33.01 | PASS |
| Band38 | 20 | 38150 | 1   | #0   | 16QAM | 25.24 | -0.6 | 24.64 | 33.01 | PASS |
| Band38 | 20 | 38150 | 1   | #Mid | 16QAM | 25.03 | -0.6 | 24.43 | 33.01 | PASS |
| Band38 | 20 | 38150 | 1   | #Max | 16QAM | 24.88 | -0.6 | 24.28 | 33.01 | PASS |
| Band38 | 20 | 38150 | 50  | #0   | 16QAM | 23.25 | -0.6 | 22.65 | 33.01 | PASS |
| Band38 | 20 | 38150 | 50  | #Mid | 16QAM | 23.24 | -0.6 | 22.64 | 33.01 | PASS |
| Band38 | 20 | 38150 | 50  | #Max | 16QAM | 23.16 | -0.6 | 22.56 | 33.01 | PASS |
| Band38 | 20 | 38150 | 100 | #0   | 16QAM | 23.25 | -0.6 | 22.65 | 33.01 | PASS |

| Band   | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Power (dBm) | Gain (dB) | EIRP (dBm) | EIRP Limit (dBm) | Verdict |
|--------|-----------------|------------|---------|-------------|------------|-------------|-----------|------------|------------------|---------|
| Band66 | 1.4             | 131979     | 1       | #0          | QPSK       | 22.04       | 0.4       | 22.44      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 1       | #Mid        | QPSK       | 22.02       | 0.4       | 22.42      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 1       | #Max        | QPSK       | 22.01       | 0.4       | 22.41      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 3       | #0          | QPSK       | 21.87       | 0.4       | 22.27      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 3       | #Mid        | QPSK       | 21.93       | 0.4       | 22.33      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 3       | #Max        | QPSK       | 21.84       | 0.4       | 22.24      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 6       | #0          | QPSK       | 20.92       | 0.4       | 21.32      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 1       | #0          | 16QAM      | 21.75       | 0.4       | 22.15      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 1       | #Mid        | 16QAM      | 21.80       | 0.4       | 22.20      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 1       | #Max        | 16QAM      | 21.80       | 0.4       | 22.20      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 3       | #0          | 16QAM      | 21.00       | 0.4       | 21.40      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 3       | #Mid        | 16QAM      | 21.01       | 0.4       | 21.41      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 3       | #Max        | 16QAM      | 20.97       | 0.4       | 21.37      | 30               | PASS    |
| Band66 | 1.4             | 131979     | 6       | #0          | 16QAM      | 20.20       | 0.4       | 20.60      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 1       | #0          | QPSK       | 22.35       | 0.4       | 22.75      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 1       | #Mid        | QPSK       | 22.41       | 0.4       | 22.81      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 1       | #Max        | QPSK       | 22.36       | 0.4       | 22.76      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 3       | #0          | QPSK       | 22.46       | 0.4       | 22.86      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 3       | #Mid        | QPSK       | 22.52       | 0.4       | 22.92      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 3       | #Max        | QPSK       | 22.44       | 0.4       | 22.84      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 6       | #0          | QPSK       | 21.48       | 0.4       | 21.88      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 1       | #0          | 16QAM      | 22.10       | 0.4       | 22.50      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 1       | #Mid        | 16QAM      | 22.02       | 0.4       | 22.42      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 1       | #Max        | 16QAM      | 22.08       | 0.4       | 22.48      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 3       | #0          | 16QAM      | 21.80       | 0.4       | 22.20      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 3       | #Mid        | 16QAM      | 21.80       | 0.4       | 22.20      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 3       | #Max        | 16QAM      | 21.81       | 0.4       | 22.21      | 30               | PASS    |
| Band66 | 1.4             | 132322     | 6       | #0          | 16QAM      | 20.46       | 0.4       | 20.86      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 1       | #0          | QPSK       | 22.17       | 0.4       | 22.57      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 1       | #Mid        | QPSK       | 22.23       | 0.4       | 22.63      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 1       | #Max        | QPSK       | 22.24       | 0.4       | 22.64      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 3       | #0          | QPSK       | 22.21       | 0.4       | 22.61      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 3       | #Mid        | QPSK       | 22.24       | 0.4       | 22.64      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 3       | #Max        | QPSK       | 22.19       | 0.4       | 22.59      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 6       | #0          | QPSK       | 21.33       | 0.4       | 21.73      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 1       | #0          | 16QAM      | 21.50       | 0.4       | 21.90      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 1       | #Mid        | 16QAM      | 21.50       | 0.4       | 21.90      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 1       | #Max        | 16QAM      | 21.55       | 0.4       | 21.95      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 3       | #0          | 16QAM      | 21.62       | 0.4       | 22.02      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 3       | #Mid        | 16QAM      | 21.68       | 0.4       | 22.08      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 3       | #Max        | 16QAM      | 21.62       | 0.4       | 22.02      | 30               | PASS    |
| Band66 | 1.4             | 132665     | 6       | #0          | 16QAM      | 20.54       | 0.4       | 20.94      | 30               | PASS    |
| Band66 | 3               | 131987     | 1       | #0          | QPSK       | 21.85       | 0.4       | 22.25      | 30               | PASS    |
| Band66 | 3               | 131987     | 1       | #Mid        | QPSK       | 21.76       | 0.4       | 22.16      | 30               | PASS    |
| Band66 | 3               | 131987     | 1       | #Max        | QPSK       | 22.12       | 0.4       | 22.52      | 30               | PASS    |
| Band66 | 3               | 131987     | 8       | #0          | QPSK       | 20.87       | 0.4       | 21.27      | 30               | PASS    |
| Band66 | 3               | 131987     | 8       | #Mid        | QPSK       | 20.91       | 0.4       | 21.31      | 30               | PASS    |
| Band66 | 3               | 131987     | 8       | #Max        | QPSK       | 21.15       | 0.4       | 21.55      | 30               | PASS    |
| Band66 | 3               | 131987     | 15      | #0          | QPSK       | 20.87       | 0.4       | 21.27      | 30               | PASS    |
| Band66 | 3               | 131987     | 1       | #0          | 16QAM      | 21.86       | 0.4       | 22.26      | 30               | PASS    |
| Band66 | 3               | 131987     | 1       | #Mid        | 16QAM      | 21.77       | 0.4       | 22.17      | 30               | PASS    |
| Band66 | 3               | 131987     | 1       | #Max        | 16QAM      | 22.21       | 0.4       | 22.61      | 30               | PASS    |
| Band66 | 3               | 131987     | 8       | #0          | 16QAM      | 21.11       | 0.4       | 21.51      | 30               | PASS    |
| Band66 | 3               | 131987     | 8       | #Mid        | 16QAM      | 21.17       | 0.4       | 21.57      | 30               | PASS    |
| Band66 | 3               | 131987     | 8       | #Max        | 16QAM      | 21.16       | 0.4       | 21.56      | 30               | PASS    |
| Band66 | 3               | 131987     | 15      | #0          | 16QAM      | 21.17       | 0.4       | 21.57      | 30               | PASS    |
| Band66 | 3               | 132322     | 1       | #0          | QPSK       | 22.01       | 0.4       | 22.41      | 30               | PASS    |
| Band66 | 3               | 132322     | 1       | #Mid        | QPSK       | 22.37       | 0.4       | 22.77      | 30               | PASS    |
| Band66 | 3               | 132322     | 1       | #Max        | QPSK       | 22.39       | 0.4       | 22.79      | 30               | PASS    |
| Band66 | 3               | 132322     | 8       | #0          | QPSK       | 21.49       | 0.4       | 21.89      | 30               | PASS    |
| Band66 | 3               | 132322     | 8       | #Mid        | QPSK       | 21.54       | 0.4       | 21.94      | 30               | PASS    |
| Band66 | 3               | 132322     | 8       | #Max        | QPSK       | 21.52       | 0.4       | 21.92      | 30               | PASS    |
| Band66 | 3               | 132322     | 15      | #0          | QPSK       | 21.51       | 0.4       | 21.91      | 30               | PASS    |
| Band66 | 3               | 132322     | 1       | #0          | 16QAM      | 21.59       | 0.4       | 21.99      | 30               | PASS    |
| Band66 | 3               | 132322     | 1       | #Mid        | 16QAM      | 21.97       | 0.4       | 22.37      | 30               | PASS    |

|        |    |        |    |      |       |       |     |       |    |      |
|--------|----|--------|----|------|-------|-------|-----|-------|----|------|
| Band66 | 3  | 132322 | 1  | #Max | 16QAM | 21.90 | 0.4 | 22.30 | 30 | PASS |
| Band66 | 3  | 132322 | 8  | #0   | 16QAM | 20.61 | 0.4 | 21.01 | 30 | PASS |
| Band66 | 3  | 132322 | 8  | #Mid | 16QAM | 20.65 | 0.4 | 21.05 | 30 | PASS |
| Band66 | 3  | 132322 | 8  | #Max | 16QAM | 20.65 | 0.4 | 21.05 | 30 | PASS |
| Band66 | 3  | 132322 | 15 | #0   | 16QAM | 20.60 | 0.4 | 21.00 | 30 | PASS |
| Band66 | 3  | 132657 | 1  | #0   | QPSK  | 22.47 | 0.4 | 22.87 | 30 | PASS |
| Band66 | 3  | 132657 | 1  | #Mid | QPSK  | 22.25 | 0.4 | 22.65 | 30 | PASS |
| Band66 | 3  | 132657 | 1  | #Max | QPSK  | 22.29 | 0.4 | 22.69 | 30 | PASS |
| Band66 | 3  | 132657 | 8  | #0   | QPSK  | 21.55 | 0.4 | 21.95 | 30 | PASS |
| Band66 | 3  | 132657 | 8  | #Mid | QPSK  | 21.31 | 0.4 | 21.71 | 30 | PASS |
| Band66 | 3  | 132657 | 8  | #Max | QPSK  | 21.27 | 0.4 | 21.67 | 30 | PASS |
| Band66 | 3  | 132657 | 15 | #0   | QPSK  | 21.27 | 0.4 | 21.67 | 30 | PASS |
| Band66 | 3  | 132657 | 1  | #0   | 16QAM | 21.87 | 0.4 | 22.27 | 30 | PASS |
| Band66 | 3  | 132657 | 1  | #Mid | 16QAM | 21.48 | 0.4 | 21.88 | 30 | PASS |
| Band66 | 3  | 132657 | 1  | #Max | 16QAM | 21.63 | 0.4 | 22.03 | 30 | PASS |
| Band66 | 3  | 132657 | 8  | #0   | 16QAM | 20.81 | 0.4 | 21.21 | 30 | PASS |
| Band66 | 3  | 132657 | 8  | #Mid | 16QAM | 20.84 | 0.4 | 21.24 | 30 | PASS |
| Band66 | 3  | 132657 | 8  | #Max | 16QAM | 20.79 | 0.4 | 21.19 | 30 | PASS |
| Band66 | 3  | 132657 | 15 | #0   | 16QAM | 20.88 | 0.4 | 21.28 | 30 | PASS |
| Band66 | 5  | 131997 | 1  | #0   | QPSK  | 21.76 | 0.4 | 22.16 | 30 | PASS |
| Band66 | 5  | 131997 | 1  | #Mid | QPSK  | 22.09 | 0.4 | 22.49 | 30 | PASS |
| Band66 | 5  | 131997 | 1  | #Max | QPSK  | 21.67 | 0.4 | 22.07 | 30 | PASS |
| Band66 | 5  | 131997 | 12 | #0   | QPSK  | 20.84 | 0.4 | 21.24 | 30 | PASS |
| Band66 | 5  | 131997 | 12 | #Mid | QPSK  | 21.17 | 0.4 | 21.57 | 30 | PASS |
| Band66 | 5  | 131997 | 12 | #Max | QPSK  | 21.11 | 0.4 | 21.51 | 30 | PASS |
| Band66 | 5  | 131997 | 25 | #0   | QPSK  | 21.29 | 0.4 | 21.69 | 30 | PASS |
| Band66 | 5  | 131997 | 1  | #0   | 16QAM | 21.07 | 0.4 | 21.47 | 30 | PASS |
| Band66 | 5  | 131997 | 1  | #Mid | 16QAM | 21.40 | 0.4 | 21.80 | 30 | PASS |
| Band66 | 5  | 131997 | 1  | #Max | 16QAM | 21.04 | 0.4 | 21.44 | 30 | PASS |
| Band66 | 5  | 131997 | 12 | #0   | 16QAM | 20.20 | 0.4 | 20.60 | 30 | PASS |
| Band66 | 5  | 131997 | 12 | #Mid | 16QAM | 20.35 | 0.4 | 20.75 | 30 | PASS |
| Band66 | 5  | 131997 | 12 | #Max | 16QAM | 20.19 | 0.4 | 20.59 | 30 | PASS |
| Band66 | 5  | 131997 | 25 | #0   | 16QAM | 20.19 | 0.4 | 20.59 | 30 | PASS |
| Band66 | 5  | 132322 | 1  | #0   | QPSK  | 22.09 | 0.4 | 22.49 | 30 | PASS |
| Band66 | 5  | 132322 | 1  | #Mid | QPSK  | 22.39 | 0.4 | 22.79 | 30 | PASS |
| Band66 | 5  | 132322 | 1  | #Max | QPSK  | 22.45 | 0.4 | 22.85 | 30 | PASS |
| Band66 | 5  | 132322 | 12 | #0   | QPSK  | 21.01 | 0.4 | 21.41 | 30 | PASS |
| Band66 | 5  | 132322 | 12 | #Mid | QPSK  | 21.50 | 0.4 | 21.90 | 30 | PASS |
| Band66 | 5  | 132322 | 12 | #Max | QPSK  | 21.45 | 0.4 | 21.85 | 30 | PASS |
| Band66 | 5  | 132322 | 25 | #0   | QPSK  | 21.47 | 0.4 | 21.87 | 30 | PASS |
| Band66 | 5  | 132322 | 1  | #0   | 16QAM | 20.75 | 0.4 | 21.15 | 30 | PASS |
| Band66 | 5  | 132322 | 1  | #Mid | 16QAM | 21.12 | 0.4 | 21.52 | 30 | PASS |
| Band66 | 5  | 132322 | 1  | #Max | 16QAM | 21.11 | 0.4 | 21.51 | 30 | PASS |
| Band66 | 5  | 132322 | 12 | #0   | 16QAM | 19.94 | 0.4 | 20.34 | 30 | PASS |
| Band66 | 5  | 132322 | 12 | #Mid | 16QAM | 20.08 | 0.4 | 20.48 | 30 | PASS |
| Band66 | 5  | 132322 | 12 | #Max | 16QAM | 20.01 | 0.4 | 20.41 | 30 | PASS |
| Band66 | 5  | 132322 | 25 | #0   | 16QAM | 20.01 | 0.4 | 20.41 | 30 | PASS |
| Band66 | 5  | 132647 | 1  | #0   | QPSK  | 22.41 | 0.4 | 22.81 | 30 | PASS |
| Band66 | 5  | 132647 | 1  | #Mid | QPSK  | 22.39 | 0.4 | 22.79 | 30 | PASS |
| Band66 | 5  | 132647 | 1  | #Max | QPSK  | 22.17 | 0.4 | 22.57 | 30 | PASS |
| Band66 | 5  | 132647 | 12 | #0   | QPSK  | 21.44 | 0.4 | 21.84 | 30 | PASS |
| Band66 | 5  | 132647 | 12 | #Mid | QPSK  | 21.59 | 0.4 | 21.99 | 30 | PASS |
| Band66 | 5  | 132647 | 12 | #Max | QPSK  | 21.24 | 0.4 | 21.64 | 30 | PASS |
| Band66 | 5  | 132647 | 25 | #0   | QPSK  | 21.46 | 0.4 | 21.86 | 30 | PASS |
| Band66 | 5  | 132647 | 1  | #0   | 16QAM | 21.41 | 0.4 | 21.81 | 30 | PASS |
| Band66 | 5  | 132647 | 1  | #Mid | 16QAM | 21.49 | 0.4 | 21.89 | 30 | PASS |
| Band66 | 5  | 132647 | 1  | #Max | 16QAM | 21.29 | 0.4 | 21.69 | 30 | PASS |
| Band66 | 5  | 132647 | 12 | #0   | 16QAM | 20.44 | 0.4 | 20.84 | 30 | PASS |
| Band66 | 5  | 132647 | 12 | #Mid | 16QAM | 20.56 | 0.4 | 20.96 | 30 | PASS |
| Band66 | 5  | 132647 | 12 | #Max | 16QAM | 20.41 | 0.4 | 20.81 | 30 | PASS |
| Band66 | 5  | 132647 | 25 | #0   | 16QAM | 20.37 | 0.4 | 20.77 | 30 | PASS |
| Band66 | 10 | 132022 | 1  | #0   | QPSK  | 21.94 | 0.4 | 22.34 | 30 | PASS |
| Band66 | 10 | 132022 | 1  | #Mid | QPSK  | 21.88 | 0.4 | 22.28 | 30 | PASS |
| Band66 | 10 | 132022 | 1  | #Max | QPSK  | 21.82 | 0.4 | 22.22 | 30 | PASS |
| Band66 | 10 | 132022 | 25 | #0   | QPSK  | 21.18 | 0.4 | 21.58 | 30 | PASS |
| Band66 | 10 | 132022 | 25 | #Mid | QPSK  | 20.83 | 0.4 | 21.23 | 30 | PASS |
| Band66 | 10 | 132022 | 25 | #Max | QPSK  | 20.73 | 0.4 | 21.13 | 30 | PASS |
| Band66 | 10 | 132022 | 50 | #0   | QPSK  | 20.80 | 0.4 | 21.20 | 30 | PASS |

|        |    |        |    |      |       |       |     |       |    |      |
|--------|----|--------|----|------|-------|-------|-----|-------|----|------|
| Band66 | 10 | 132022 | 1  | #0   | 16QAM | 22.01 | 0.4 | 22.41 | 30 | PASS |
| Band66 | 10 | 132022 | 1  | #Mid | 16QAM | 21.91 | 0.4 | 22.31 | 30 | PASS |
| Band66 | 10 | 132022 | 1  | #Max | 16QAM | 21.79 | 0.4 | 22.19 | 30 | PASS |
| Band66 | 10 | 132022 | 25 | #0   | 16QAM | 20.27 | 0.4 | 20.67 | 30 | PASS |
| Band66 | 10 | 132022 | 25 | #Mid | 16QAM | 20.38 | 0.4 | 20.78 | 30 | PASS |
| Band66 | 10 | 132022 | 25 | #Max | 16QAM | 20.63 | 0.4 | 21.03 | 30 | PASS |
| Band66 | 10 | 132022 | 50 | #0   | 16QAM | 20.44 | 0.4 | 20.84 | 30 | PASS |
| Band66 | 10 | 132322 | 1  | #0   | QPSK  | 22.49 | 0.4 | 22.89 | 30 | PASS |
| Band66 | 10 | 132322 | 1  | #Mid | QPSK  | 22.57 | 0.4 | 22.97 | 30 | PASS |
| Band66 | 10 | 132322 | 1  | #Max | QPSK  | 22.14 | 0.4 | 22.54 | 30 | PASS |
| Band66 | 10 | 132322 | 25 | #0   | QPSK  | 21.02 | 0.4 | 21.42 | 30 | PASS |
| Band66 | 10 | 132322 | 25 | #Mid | QPSK  | 21.54 | 0.4 | 21.94 | 30 | PASS |
| Band66 | 10 | 132322 | 25 | #Max | QPSK  | 21.48 | 0.4 | 21.88 | 30 | PASS |
| Band66 | 10 | 132322 | 50 | #0   | QPSK  | 21.49 | 0.4 | 21.89 | 30 | PASS |
| Band66 | 10 | 132322 | 1  | #0   | 16QAM | 21.37 | 0.4 | 21.77 | 30 | PASS |
| Band66 | 10 | 132322 | 1  | #Mid | 16QAM | 21.37 | 0.4 | 21.77 | 30 | PASS |
| Band66 | 10 | 132322 | 1  | #Max | 16QAM | 20.99 | 0.4 | 21.39 | 30 | PASS |
| Band66 | 10 | 132322 | 25 | #0   | 16QAM | 19.34 | 0.4 | 19.74 | 30 | PASS |
| Band66 | 10 | 132322 | 25 | #Mid | 16QAM | 19.46 | 0.4 | 19.86 | 30 | PASS |
| Band66 | 10 | 132322 | 25 | #Max | 16QAM | 19.68 | 0.4 | 20.08 | 30 | PASS |
| Band66 | 10 | 132322 | 50 | #0   | 16QAM | 19.54 | 0.4 | 19.94 | 30 | PASS |
| Band66 | 10 | 132622 | 1  | #0   | QPSK  | 22.03 | 0.4 | 22.43 | 30 | PASS |
| Band66 | 10 | 132622 | 1  | #Mid | QPSK  | 22.44 | 0.4 | 22.84 | 30 | PASS |
| Band66 | 10 | 132622 | 1  | #Max | QPSK  | 22.36 | 0.4 | 22.76 | 30 | PASS |
| Band66 | 10 | 132622 | 25 | #0   | QPSK  | 21.11 | 0.4 | 21.51 | 30 | PASS |
| Band66 | 10 | 132622 | 25 | #Mid | QPSK  | 21.55 | 0.4 | 21.95 | 30 | PASS |
| Band66 | 10 | 132622 | 25 | #Max | QPSK  | 21.55 | 0.4 | 21.95 | 30 | PASS |
| Band66 | 10 | 132622 | 50 | #0   | QPSK  | 21.39 | 0.4 | 21.79 | 30 | PASS |
| Band66 | 10 | 132622 | 1  | #0   | 16QAM | 20.93 | 0.4 | 21.33 | 30 | PASS |
| Band66 | 10 | 132622 | 1  | #Mid | 16QAM | 21.40 | 0.4 | 21.80 | 30 | PASS |
| Band66 | 10 | 132622 | 1  | #Max | 16QAM | 21.22 | 0.4 | 21.62 | 30 | PASS |
| Band66 | 10 | 132622 | 25 | #0   | 16QAM | 20.12 | 0.4 | 20.52 | 30 | PASS |
| Band66 | 10 | 132622 | 25 | #Mid | 16QAM | 20.22 | 0.4 | 20.62 | 30 | PASS |
| Band66 | 10 | 132622 | 25 | #Max | 16QAM | 20.37 | 0.4 | 20.77 | 30 | PASS |
| Band66 | 10 | 132622 | 50 | #0   | 16QAM | 20.23 | 0.4 | 20.63 | 30 | PASS |
| Band66 | 15 | 132047 | 1  | #0   | QPSK  | 21.96 | 0.4 | 22.36 | 30 | PASS |
| Band66 | 15 | 132047 | 1  | #Mid | QPSK  | 21.81 | 0.4 | 22.21 | 30 | PASS |
| Band66 | 15 | 132047 | 1  | #Max | QPSK  | 22.20 | 0.4 | 22.60 | 30 | PASS |
| Band66 | 15 | 132047 | 36 | #0   | QPSK  | 20.95 | 0.4 | 21.35 | 30 | PASS |
| Band66 | 15 | 132047 | 36 | #Mid | QPSK  | 20.74 | 0.4 | 21.14 | 30 | PASS |
| Band66 | 15 | 132047 | 36 | #Max | QPSK  | 20.80 | 0.4 | 21.20 | 30 | PASS |
| Band66 | 15 | 132047 | 75 | #0   | QPSK  | 20.71 | 0.4 | 21.11 | 30 | PASS |
| Band66 | 15 | 132047 | 1  | #0   | 16QAM | 21.90 | 0.4 | 22.30 | 30 | PASS |
| Band66 | 15 | 132047 | 1  | #Mid | 16QAM | 21.74 | 0.4 | 22.14 | 30 | PASS |
| Band66 | 15 | 132047 | 1  | #Max | 16QAM | 22.11 | 0.4 | 22.51 | 30 | PASS |
| Band66 | 15 | 132047 | 36 | #0   | 16QAM | 20.88 | 0.4 | 21.28 | 30 | PASS |
| Band66 | 15 | 132047 | 36 | #Mid | 16QAM | 20.92 | 0.4 | 21.32 | 30 | PASS |
| Band66 | 15 | 132047 | 36 | #Max | 16QAM | 21.02 | 0.4 | 21.42 | 30 | PASS |
| Band66 | 15 | 132047 | 75 | #0   | 16QAM | 20.93 | 0.4 | 21.33 | 30 | PASS |
| Band66 | 15 | 132322 | 1  | #0   | QPSK  | 22.39 | 0.4 | 22.79 | 30 | PASS |
| Band66 | 15 | 132322 | 1  | #Mid | QPSK  | 22.55 | 0.4 | 22.95 | 30 | PASS |
| Band66 | 15 | 132322 | 1  | #Max | QPSK  | 22.52 | 0.4 | 22.92 | 30 | PASS |
| Band66 | 15 | 132322 | 36 | #0   | QPSK  | 21.43 | 0.4 | 21.83 | 30 | PASS |
| Band66 | 15 | 132322 | 36 | #Mid | QPSK  | 21.52 | 0.4 | 21.92 | 30 | PASS |
| Band66 | 15 | 132322 | 36 | #Max | QPSK  | 21.12 | 0.4 | 21.52 | 30 | PASS |
| Band66 | 15 | 132322 | 75 | #0   | QPSK  | 21.45 | 0.4 | 21.85 | 30 | PASS |
| Band66 | 15 | 132322 | 1  | #0   | 16QAM | 21.29 | 0.4 | 21.69 | 30 | PASS |
| Band66 | 15 | 132322 | 1  | #Mid | 16QAM | 21.36 | 0.4 | 21.76 | 30 | PASS |
| Band66 | 15 | 132322 | 1  | #Max | 16QAM | 21.31 | 0.4 | 21.71 | 30 | PASS |
| Band66 | 15 | 132322 | 36 | #0   | 16QAM | 20.03 | 0.4 | 20.43 | 30 | PASS |
| Band66 | 15 | 132322 | 36 | #Mid | 16QAM | 20.11 | 0.4 | 20.51 | 30 | PASS |
| Band66 | 15 | 132322 | 36 | #Max | 16QAM | 20.24 | 0.4 | 20.64 | 30 | PASS |
| Band66 | 15 | 132322 | 75 | #0   | 16QAM | 20.06 | 0.4 | 20.46 | 30 | PASS |
| Band66 | 15 | 132597 | 1  | #0   | QPSK  | 21.84 | 0.4 | 22.24 | 30 | PASS |
| Band66 | 15 | 132597 | 1  | #Mid | QPSK  | 21.98 | 0.4 | 22.38 | 30 | PASS |
| Band66 | 15 | 132597 | 1  | #Max | QPSK  | 22.28 | 0.4 | 22.68 | 30 | PASS |
| Band66 | 15 | 132597 | 36 | #0   | QPSK  | 21.21 | 0.4 | 21.61 | 30 | PASS |
| Band66 | 15 | 132597 | 36 | #Mid | QPSK  | 20.98 | 0.4 | 21.38 | 30 | PASS |

|        |    |        |     |      |       |       |     |       |    |      |
|--------|----|--------|-----|------|-------|-------|-----|-------|----|------|
| Band66 | 15 | 132597 | 36  | #Max | QPSK  | 21.57 | 0.4 | 21.97 | 30 | PASS |
| Band66 | 15 | 132597 | 75  | #0   | QPSK  | 21.01 | 0.4 | 21.41 | 30 | PASS |
| Band66 | 15 | 132597 | 1   | #0   | 16QAM | 0.00  | 0.4 | 0.40  | 30 | PASS |
| Band66 | 15 | 132597 | 1   | #Mid | 16QAM | 21.52 | 0.4 | 21.92 | 30 | PASS |
| Band66 | 15 | 132597 | 1   | #Max | 16QAM | 21.81 | 0.4 | 22.21 | 30 | PASS |
| Band66 | 15 | 132597 | 36  | #0   | 16QAM | 20.91 | 0.4 | 21.31 | 30 | PASS |
| Band66 | 15 | 132597 | 36  | #Mid | 16QAM | 20.89 | 0.4 | 21.29 | 30 | PASS |
| Band66 | 15 | 132597 | 36  | #Max | 16QAM | 20.92 | 0.4 | 21.32 | 30 | PASS |
| Band66 | 15 | 132597 | 75  | #0   | 16QAM | 20.96 | 0.4 | 21.36 | 30 | PASS |
| Band66 | 20 | 132072 | 1   | #0   | QPSK  | 21.85 | 0.4 | 22.25 | 30 | PASS |
| Band66 | 20 | 132072 | 1   | #Mid | QPSK  | 21.56 | 0.4 | 21.96 | 30 | PASS |
| Band66 | 20 | 132072 | 1   | #Max | QPSK  | 21.78 | 0.4 | 22.18 | 30 | PASS |
| Band66 | 20 | 132072 | 50  | #0   | QPSK  | 20.92 | 0.4 | 21.32 | 30 | PASS |
| Band66 | 20 | 132072 | 50  | #Mid | QPSK  | 20.80 | 0.4 | 21.20 | 30 | PASS |
| Band66 | 20 | 132072 | 50  | #Max | QPSK  | 21.21 | 0.4 | 21.61 | 30 | PASS |
| Band66 | 20 | 132072 | 100 | #0   | QPSK  | 20.62 | 0.4 | 21.02 | 30 | PASS |
| Band66 | 20 | 132072 | 1   | #0   | 16QAM | 20.50 | 0.4 | 20.90 | 30 | PASS |
| Band66 | 20 | 132072 | 1   | #Mid | 16QAM | 20.29 | 0.4 | 20.69 | 30 | PASS |
| Band66 | 20 | 132072 | 1   | #Max | 16QAM | 20.54 | 0.4 | 20.94 | 30 | PASS |
| Band66 | 20 | 132072 | 50  | #0   | 16QAM | 19.56 | 0.4 | 19.96 | 30 | PASS |
| Band66 | 20 | 132072 | 50  | #Mid | 16QAM | 19.49 | 0.4 | 19.89 | 30 | PASS |
| Band66 | 20 | 132072 | 50  | #Max | 16QAM | 19.73 | 0.4 | 20.13 | 30 | PASS |
| Band66 | 20 | 132072 | 100 | #0   | 16QAM | 19.59 | 0.4 | 19.99 | 30 | PASS |
| Band66 | 20 | 132322 | 1   | #0   | QPSK  | 21.98 | 0.4 | 22.38 | 30 | PASS |
| Band66 | 20 | 132322 | 1   | #Mid | QPSK  | 22.66 | 0.4 | 23.06 | 30 | PASS |
| Band66 | 20 | 132322 | 1   | #Max | QPSK  | 22.14 | 0.4 | 22.54 | 30 | PASS |
| Band66 | 20 | 132322 | 50  | #0   | QPSK  | 21.44 | 0.4 | 21.84 | 30 | PASS |
| Band66 | 20 | 132322 | 50  | #Mid | QPSK  | 21.47 | 0.4 | 21.87 | 30 | PASS |
| Band66 | 20 | 132322 | 50  | #Max | QPSK  | 20.98 | 0.4 | 21.38 | 30 | PASS |
| Band66 | 20 | 132322 | 100 | #0   | QPSK  | 21.44 | 0.4 | 21.84 | 30 | PASS |
| Band66 | 20 | 132322 | 1   | #0   | 16QAM | 20.77 | 0.4 | 21.17 | 30 | PASS |
| Band66 | 20 | 132322 | 1   | #Mid | 16QAM | 21.45 | 0.4 | 21.85 | 30 | PASS |
| Band66 | 20 | 132322 | 1   | #Max | 16QAM | 20.80 | 0.4 | 21.20 | 30 | PASS |
| Band66 | 20 | 132322 | 50  | #0   | 16QAM | 19.03 | 0.4 | 19.43 | 30 | PASS |
| Band66 | 20 | 132322 | 50  | #Mid | 16QAM | 18.93 | 0.4 | 19.33 | 30 | PASS |
| Band66 | 20 | 132322 | 50  | #Max | 16QAM | 19.23 | 0.4 | 19.63 | 30 | PASS |
| Band66 | 20 | 132322 | 100 | #0   | 16QAM | 19.13 | 0.4 | 19.53 | 30 | PASS |
| Band66 | 20 | 132572 | 1   | #0   | QPSK  | 21.97 | 0.4 | 22.37 | 30 | PASS |
| Band66 | 20 | 132572 | 1   | #Mid | QPSK  | 22.37 | 0.4 | 22.77 | 30 | PASS |
| Band66 | 20 | 132572 | 1   | #Max | QPSK  | 22.41 | 0.4 | 22.81 | 30 | PASS |
| Band66 | 20 | 132572 | 50  | #0   | QPSK  | 20.85 | 0.4 | 21.25 | 30 | PASS |
| Band66 | 20 | 132572 | 50  | #Mid | QPSK  | 21.25 | 0.4 | 21.65 | 30 | PASS |
| Band66 | 20 | 132572 | 50  | #Max | QPSK  | 21.49 | 0.4 | 21.89 | 30 | PASS |
| Band66 | 20 | 132572 | 100 | #0   | QPSK  | 21.32 | 0.4 | 21.72 | 30 | PASS |
| Band66 | 20 | 132572 | 1   | #0   | 16QAM | 21.16 | 0.4 | 21.56 | 30 | PASS |
| Band66 | 20 | 132572 | 1   | #Mid | 16QAM | 21.60 | 0.4 | 22.00 | 30 | PASS |
| Band66 | 20 | 132572 | 1   | #Max | 16QAM | 21.55 | 0.4 | 21.95 | 30 | PASS |
| Band66 | 20 | 132572 | 50  | #0   | 16QAM | 20.57 | 0.4 | 20.97 | 30 | PASS |
| Band66 | 20 | 132572 | 50  | #Mid | 16QAM | 20.48 | 0.4 | 20.88 | 30 | PASS |
| Band66 | 20 | 132572 | 50  | #Max | 16QAM | 20.54 | 0.4 | 20.94 | 30 | PASS |
| Band66 | 20 | 132572 | 100 | #0   | 16QAM | 20.51 | 0.4 | 20.91 | 30 | PASS |

Frequency stability

| LTE Band 2 (QPSK) / 1880MHz / BW20M |                 |                 |                  |                        |        |
|-------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                    | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                  | Normal Voltage  | 0.08            | 0.000            | Within Authorized Band | PASS   |
| 40                                  |                 | -0.07           | 0.000            |                        |        |
| 30                                  |                 | 0.08            | 0.000            |                        |        |
| 20                                  |                 | -1.53           | -0.001           |                        |        |
| 10                                  |                 | 0.19            | 0.000            |                        |        |
| 0                                   |                 | -0.21           | 0.000            |                        |        |
| -10                                 |                 | -0.25           | 0.000            |                        |        |
| -20                                 |                 | 0.02            | 0.000            |                        |        |
| -30                                 |                 | 0.03            | 0.000            |                        |        |
| 20                                  | Maximum Voltage | -0.11           | 0.000            | Within Authorized Band | PASS   |
| 20                                  | BEP             | -0.02           | 0.000            |                        |        |

| LTE Band 2 (16QAM) / 1880MHz / BW20M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | -3.39           | -0.002           | Within Authorized Band | PASS   |
| 40                                   |                 | 3.16            | 0.002            |                        |        |
| 30                                   |                 | -3.07           | -0.002           |                        |        |
| 20                                   |                 | 4.78            | 0.003            |                        |        |
| 10                                   |                 | 3.50            | 0.002            |                        |        |
| 0                                    |                 | -3.08           | -0.002           |                        |        |
| -10                                  |                 | -3.00           | -0.002           |                        |        |
| -20                                  |                 | -3.21           | -0.002           |                        |        |
| -30                                  |                 | -2.93           | -0.002           |                        |        |
| 20                                   | Maximum Voltage | 4.97            | 0.003            | Within Authorized Band | PASS   |
| 20                                   | BEP             | -1.49           | -0.001           |                        |        |

| LTE Band 4 (QPSK) / 1733MHz / BW20M |                 |                 |                  |                        |        |
|-------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                    | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                  | Normal Voltage  | -12.08          | -0.007           | Within Authorized Band | PASS   |
| 40                                  |                 | -11.69          | -0.007           |                        |        |
| 30                                  |                 | -11.83          | -0.007           |                        |        |
| 20                                  |                 | 21.93           | 0.013            |                        |        |
| 10                                  |                 | 12.01           | 0.007            |                        |        |
| 0                                   |                 | 11.66           | 0.007            |                        |        |
| -10                                 |                 | 11.68           | 0.007            |                        |        |
| -20                                 |                 | -11.60          | -0.007           |                        |        |
| -30                                 |                 | 11.99           | 0.007            |                        |        |
| 20                                  | Maximum Voltage | 18.04           | 0.010            | Within Authorized Band | PASS   |
| 20                                  | BEP             | 18.10           | 0.010            |                        |        |

| LTE Band 4 (16QAM) / 1733MHz / BW20M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | 12.72           | 0.007            | Within Authorized Band | PASS   |
| 40                                   |                 | -12.80          | -0.007           |                        |        |
| 30                                   |                 | 13.02           | 0.008            |                        |        |
| 20                                   |                 | 23.80           | 0.014            |                        |        |
| 10                                   |                 | 12.48           | 0.007            |                        |        |
| 0                                    |                 | 12.63           | 0.007            |                        |        |
| -10                                  |                 | -12.64          | -0.007           |                        |        |
| -20                                  |                 | 12.74           | 0.007            |                        |        |
| -30                                  |                 | -12.68          | -0.007           |                        |        |
| 20                                   | Maximum Voltage | -6.23           | -0.004           | Within Authorized Band | PASS   |
| 20                                   | BEP             | 19.08           | 0.011            |                        |        |

| LTE Band 5 (QPSK) / 836.5MHz / BW10M |                 |            |            |        |        |
|--------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature<br>(°C)                  | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                      | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                   | Normal Voltage  | 1.74       | 0.002      | 2.5ppm | PASS   |
| 40                                   |                 | -1.47      | -0.002     |        |        |
| 30                                   |                 | 1.72       | 0.002      |        |        |
| 20                                   |                 | 1.36       | 0.002      |        |        |
| 10                                   |                 | 1.25       | 0.001      |        |        |
| 0                                    |                 | -1.78      | -0.002     |        |        |
| -10                                  |                 | 1.27       | 0.002      |        |        |
| -20                                  |                 | 1.51       | 0.002      |        |        |
| -30                                  |                 | -1.31      | -0.002     |        |        |
| 20                                   | Maximum Voltage | -0.83      | -0.001     |        |        |
| 20                                   | BEP             | -0.82      | -0.001     |        |        |

| LTE Band 5 (16QAM) / 836.5MHz / BW10M |                 |            |            |        |        |
|---------------------------------------|-----------------|------------|------------|--------|--------|
| Temperature<br>(°C)                   | Voltage         | Freq. Dev. | Freq. Dev. | Limit  | Result |
|                                       | (Volt)          | (Hz)       | (ppm)      |        |        |
| 50                                    | Normal Voltage  | 0.20       | 0.000      | 2.5ppm | PASS   |
| 40                                    |                 | 0.40       | 0.000      |        |        |
| 30                                    |                 | -0.25      | 0.000      |        |        |
| 20                                    |                 | -2.25      | -0.003     |        |        |
| 10                                    |                 | -0.04      | 0.000      |        |        |
| 0                                     |                 | 0.33       | 0.000      |        |        |
| -10                                   |                 | -0.09      | 0.000      |        |        |
| -20                                   |                 | -0.51      | -0.001     |        |        |
| -30                                   |                 | -0.02      | 0.000      |        |        |
| 20                                    | Maximum Voltage | 0.11       | 0.000      |        |        |
| 20                                    | BEP             | -0.65      | -0.001     |        |        |

| LTE Band 7 (QPSK) / 2535MHz / BW20M |                 |                 |                  |                        |        |
|-------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                    | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                  | Normal Voltage  | 17.72           | 0.007            | Within Authorized Band | PASS   |
| 40                                  |                 | 17.68           | 0.007            |                        |        |
| 30                                  |                 | 17.89           | 0.007            |                        |        |
| 20                                  |                 | 34.19           | 0.013            |                        |        |
| 10                                  |                 | -17.81          | -0.007           |                        |        |
| 0                                   |                 | -17.84          | -0.007           |                        |        |
| -10                                 |                 | 17.70           | 0.007            |                        |        |
| -20                                 |                 | -17.82          | -0.007           |                        |        |
| -30                                 |                 | 17.74           | 0.007            |                        |        |
| 20                                  | Maximum Voltage | -8.91           | -0.004           | Within Authorized Band | PASS   |
| 20                                  | BEP             | -8.91           | -0.004           |                        |        |

| LTE Band 7 (16QAM) / 2535MHz / BW20M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | -14.07          | -0.006           | Within Authorized Band | PASS   |
| 40                                   |                 | 14.26           | 0.006            |                        |        |
| 30                                   |                 | -13.97          | -0.006           |                        |        |
| 20                                   |                 | 26.75           | 0.011            |                        |        |
| 10                                   |                 | 13.95           | 0.006            |                        |        |
| 0                                    |                 | -14.04          | -0.006           |                        |        |
| -10                                  |                 | 13.92           | 0.005            |                        |        |
| -20                                  |                 | 14.07           | 0.006            |                        |        |
| -30                                  |                 | -14.04          | -0.006           |                        |        |
| 20                                   | Maximum Voltage | 21.70           | 0.009            | Within Authorized Band | PASS   |
| 20                                   | BEP             | -7.22           | -0.003           |                        |        |

| LTE Band 12 (QPSK) / 707.5MHz / BW10M |                 |                 |                  |                        |        |
|---------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                      | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                    | Normal Voltage  | -0.21           | 0.000            | Within Authorized Band | PASS   |
| 40                                    |                 | -0.34           | 0.000            |                        |        |
| 30                                    |                 | -0.66           | -0.001           |                        |        |
| 20                                    |                 | -2.62           | -0.004           |                        |        |
| 10                                    |                 | 0.22            | 0.000            |                        |        |
| 0                                     |                 | 0.35            | 0.000            |                        |        |
| -10                                   |                 | -0.57           | -0.001           |                        |        |
| -20                                   |                 | -0.55           | -0.001           |                        |        |
| -30                                   |                 | -0.51           | -0.001           |                        |        |
| 20                                    | Maximum Voltage | -0.70           | -0.001           | Within Authorized Band | PASS   |
| 20                                    | BEP             | -1.17           | -0.002           |                        |        |

| LTE Band 12 (16QAM) / 707.5MHz / BW10M |                 |                 |                  |                        |        |
|----------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                       | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                     | Normal Voltage  | -0.30           | 0.000            | Within Authorized Band | PASS   |
| 40                                     |                 | 0.40            | 0.001            |                        |        |
| 30                                     |                 | -0.63           | -0.001           |                        |        |
| 20                                     |                 | -0.63           | -0.001           |                        |        |
| 10                                     |                 | 0.74            | 0.001            |                        |        |
| 0                                      |                 | 0.75            | 0.001            |                        |        |
| -10                                    |                 | 0.30            | 0.000            |                        |        |
| -20                                    |                 | 0.58            | 0.001            |                        |        |
| -30                                    |                 | -0.55           | -0.001           |                        |        |
| 20                                     | Maximum Voltage | 0.56            | 0.001            | Within Authorized Band | PASS   |
| 20                                     | BEP             | 0.51            | 0.001            |                        |        |

| LTE Band 13 (QPSK) / 782MHz / BW10M |                 |                 |                  |                        |        |
|-------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                    | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                  | Normal Voltage  | -14.14          | -0.018           | Within Authorized Band | PASS   |
| 40                                  |                 | -14.03          | -0.018           |                        |        |
| 30                                  |                 | 14.44           | 0.018            |                        |        |
| 20                                  |                 | -30.20          | -0.039           |                        |        |
| 10                                  |                 | 14.29           | 0.018            |                        |        |
| 0                                   |                 | -14.30          | -0.018           |                        |        |
| -10                                 |                 | 14.25           | 0.018            |                        |        |
| -20                                 |                 | 14.08           | 0.018            |                        |        |
| -30                                 |                 | -14.21          | -0.018           |                        |        |
| 20                                  | Maximum Voltage | 7.10            | 0.009            | Within Authorized Band | PASS   |
| 20                                  | BEP             | -21.46          | -0.027           |                        |        |

| LTE Band 13 (16QAM) / 782MHz / BW10M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | -14.99          | -0.019           | Within Authorized Band | PASS   |
| 40                                   |                 | 14.88           | 0.019            |                        |        |
| 30                                   |                 | 14.50           | 0.019            |                        |        |
| 20                                   |                 | -31.19          | -0.040           |                        |        |
| 10                                   |                 | -14.82          | -0.019           |                        |        |
| 0                                    |                 | -14.80          | -0.019           |                        |        |
| -10                                  |                 | 15.00           | 0.019            |                        |        |
| -20                                  |                 | -14.49          | -0.019           |                        |        |
| -30                                  |                 | 15.05           | 0.019            |                        |        |
| 20                                   | Maximum Voltage | 7.26            | 0.009            | Within Authorized Band | PASS   |
| 20                                   | BEP             | 7.24            | 0.009            |                        |        |

| LTE Band 17 (QPSK) / 710MHz / BW10M |                 |                 |                  |                        |        |
|-------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                    | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                  | Normal Voltage  | -2.78           | -0.004           | Within Authorized Band | PASS   |
| 40                                  |                 | -2.70           | -0.004           |                        |        |
| 30                                  |                 | 3.02            | 0.004            |                        |        |
| 20                                  |                 | -7.61           | -0.011           |                        |        |
| 10                                  |                 | -3.17           | -0.004           |                        |        |
| 0                                   |                 | 3.13            | 0.004            |                        |        |
| -10                                 |                 | 3.23            | 0.005            |                        |        |
| -20                                 |                 | -2.72           | -0.004           |                        |        |
| -30                                 |                 | -2.90           | -0.004           |                        |        |
| 20                                  | Maximum Voltage | 1.47            | 0.002            | Within Authorized Band | PASS   |
| 20                                  | BEP             | 1.38            | 0.002            |                        |        |

| LTE Band 17 (16QAM) / 710MHz / BW10M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | 3.07            | 0.004            | Within Authorized Band | PASS   |
| 40                                   |                 | -2.96           | -0.004           |                        |        |
| 30                                   |                 | 3.26            | 0.005            |                        |        |
| 20                                   |                 | -8.08           | -0.011           |                        |        |
| 10                                   |                 | -3.16           | -0.004           |                        |        |
| 0                                    |                 | 3.20            | 0.005            |                        |        |
| -10                                  |                 | -3.33           | -0.005           |                        |        |
| -20                                  |                 | -3.31           | -0.005           |                        |        |
| -30                                  |                 | 3.02            | 0.004            |                        |        |
| 20                                   | Maximum Voltage | 1.75            | 0.002            | Within Authorized Band | PASS   |
| 20                                   | BEP             | -5.02           | -0.007           |                        |        |

| LTE Band 38 (QPSK) / 2595MHz / BW20M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | -15.67          | -0.006           | Within Authorized Band | PASS   |
| 40                                   |                 | -15.65          | -0.006           |                        |        |
| 30                                   |                 | -15.61          | -0.006           |                        |        |
| 20                                   |                 | -32.93          | -0.013           |                        |        |
| 10                                   |                 | -15.68          | -0.006           |                        |        |
| 0                                    |                 | 15.84           | 0.006            |                        |        |
| -10                                  |                 | -15.59          | -0.006           |                        |        |
| -20                                  |                 | -15.67          | -0.006           |                        |        |
| -30                                  |                 | 15.83           | 0.006            |                        |        |
| 20                                   | Maximum Voltage | -23.06          | -0.009           | Within Authorized Band | PASS   |
| 20                                   | BEP             | 7.70            | 0.003            |                        |        |

| LTE Band 38 (16QAM) / 2595MHz / BW20M |                 |                 |                  |                        |        |
|---------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                      | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                    | Normal Voltage  | 16.53           | 0.006            | Within Authorized Band | PASS   |
| 40                                    |                 | 16.60           | 0.006            |                        |        |
| 30                                    |                 | -16.63          | -0.006           |                        |        |
| 20                                    |                 | -35.02          | -0.013           |                        |        |
| 10                                    |                 | -16.40          | -0.006           |                        |        |
| 0                                     |                 | 16.52           | 0.006            |                        |        |
| -10                                   |                 | 16.82           | 0.006            |                        |        |
| -20                                   |                 | -16.68          | -0.006           |                        |        |
| -30                                   |                 | -16.70          | -0.006           |                        |        |
| 20                                    | Maximum Voltage | -24.74          | -0.010           | Within Authorized Band | PASS   |
| 20                                    | BEP             | -24.90          | -0.010           |                        |        |

| LTE Band 66 (QPSK) / 1745MHz / BW20M |                 |                 |                  |                        |        |
|--------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                     | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                   | Normal Voltage  | -6.04           | -0.003           | Within Authorized Band | PASS   |
| 40                                   |                 | -6.16           | -0.004           |                        |        |
| 30                                   |                 | -6.46           | -0.004           |                        |        |
| 20                                   |                 | 10.71           | 0.006            |                        |        |
| 10                                   |                 | -6.10           | -0.003           |                        |        |
| 0                                    |                 | -6.06           | -0.003           |                        |        |
| -10                                  |                 | 6.40            | 0.004            |                        |        |
| -20                                  |                 | 6.47            | 0.004            |                        |        |
| -30                                  |                 | -6.30           | -0.004           |                        |        |
| 20                                   | Maximum Voltage | -3.18           | -0.002           | Within Authorized Band | PASS   |
| 20                                   | BEP             | 9.13            | 0.005            |                        |        |

| LTE Band 66 (16QAM) / 1745MHz / BW20M |                 |                 |                  |                        |        |
|---------------------------------------|-----------------|-----------------|------------------|------------------------|--------|
| Temperature (°C)                      | Voltage (Volt)  | Freq. Dev. (Hz) | Freq. Dev. (ppm) | Limit                  | Result |
| 50                                    | Normal Voltage  | -11.55          | -0.007           | Within Authorized Band | PASS   |
| 40                                    |                 | -11.16          | -0.006           |                        |        |
| 30                                    |                 | -11.07          | -0.006           |                        |        |
| 20                                    |                 | 21.06           | 0.012            |                        |        |
| 10                                    |                 | -11.26          | -0.006           |                        |        |
| 0                                     |                 | 11.41           | 0.007            |                        |        |
| -10                                   |                 | -11.62          | -0.007           |                        |        |
| -20                                   |                 | 11.08           | 0.006            |                        |        |
| -30                                   |                 | -11.16          | -0.006           |                        |        |
| 20                                    | Maximum Voltage | 16.99           | 0.010            | Within Authorized Band | PASS   |
| 20                                    | BEP             | -5.60           | -0.003           |                        |        |

Peak-to-Average Ratio

| Band  | Bandwidth (MHz) | UL Channel | RB Size | RB Position | Modulation | Result (dB) | high Limit (dB) | Verdict |
|-------|-----------------|------------|---------|-------------|------------|-------------|-----------------|---------|
| Band2 | 1.4             | 18607      | 1       | #0          | QPSK       | 5.22        | 13              | PASS    |
| Band2 | 1.4             | 18607      | 1       | #0          | 16QAM      | 6.09        | 13              | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | QPSK       | 4.64        | 13              | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | 16QAM      | 5.51        | 13              | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | QPSK       | 4.73        | 13              | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | 16QAM      | 5.11        | 13              | PASS    |
| Band2 | 3               | 18615      | 1       | #0          | QPSK       | 5.17        | 13              | PASS    |
| Band2 | 3               | 18615      | 1       | #0          | 16QAM      | 5.88        | 13              | PASS    |
| Band2 | 3               | 18900      | 1       | #0          | QPSK       | 4.55        | 13              | PASS    |
| Band2 | 3               | 18900      | 1       | #0          | 16QAM      | 5.59        | 13              | PASS    |
| Band2 | 3               | 19185      | 1       | #0          | QPSK       | 4.00        | 13              | PASS    |
| Band2 | 3               | 19185      | 1       | #0          | 16QAM      | 4.60        | 13              | PASS    |
| Band2 | 5               | 18625      | 1       | #0          | QPSK       | 5.48        | 13              | PASS    |
| Band2 | 5               | 18625      | 1       | #0          | 16QAM      | 6.15        | 13              | PASS    |
| Band2 | 5               | 18900      | 1       | #0          | QPSK       | 4.21        | 13              | PASS    |
| Band2 | 5               | 18900      | 1       | #0          | 16QAM      | 5.03        | 13              | PASS    |
| Band2 | 5               | 19175      | 1       | #0          | QPSK       | 3.57        | 13              | PASS    |
| Band2 | 5               | 19175      | 1       | #0          | 16QAM      | 4.46        | 13              | PASS    |
| Band2 | 10              | 18650      | 1       | #0          | QPSK       | 5.21        | 13              | PASS    |
| Band2 | 10              | 18650      | 1       | #0          | 16QAM      | 6.21        | 13              | PASS    |
| Band2 | 10              | 18900      | 1       | #0          | QPSK       | 3.83        | 13              | PASS    |
| Band2 | 10              | 18900      | 1       | #0          | 16QAM      | 4.83        | 13              | PASS    |
| Band2 | 10              | 19150      | 1       | #0          | QPSK       | 4.12        | 13              | PASS    |
| Band2 | 10              | 19150      | 1       | #0          | 16QAM      | 5.21        | 13              | PASS    |
| Band2 | 15              | 18675      | 1       | #0          | QPSK       | 5.15        | 13              | PASS    |
| Band2 | 15              | 18675      | 1       | #0          | 16QAM      | 6.02        | 13              | PASS    |
| Band2 | 15              | 18900      | 1       | #0          | QPSK       | 3.67        | 13              | PASS    |
| Band2 | 15              | 18900      | 1       | #0          | 16QAM      | 4.66        | 13              | PASS    |
| Band2 | 15              | 19125      | 1       | #0          | QPSK       | 5.08        | 13              | PASS    |
| Band2 | 15              | 19125      | 1       | #0          | 16QAM      | 5.83        | 13              | PASS    |
| Band2 | 20              | 18700      | 1       | #0          | QPSK       | 5.04        | 13              | PASS    |
| Band2 | 20              | 18700      | 1       | #0          | 16QAM      | 5.70        | 13              | PASS    |
| Band2 | 20              | 18900      | 1       | #0          | QPSK       | 3.75        | 13              | PASS    |
| Band2 | 20              | 18900      | 1       | #0          | 16QAM      | 4.85        | 13              | PASS    |
| Band2 | 20              | 19100      | 1       | #0          | QPSK       | 4.23        | 13              | PASS    |
| Band2 | 20              | 19100      | 1       | #0          | 16QAM      | 5.07        | 13              | PASS    |
| Band4 | 1.4             | 19957      | 1       | #0          | QPSK       | 5.60        | 13              | PASS    |
| Band4 | 1.4             | 19957      | 1       | #0          | 16QAM      | 6.15        | 13              | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | QPSK       | 5.58        | 13              | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | 16QAM      | 6.51        | 13              | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | QPSK       | 5.41        | 13              | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | 16QAM      | 6.01        | 13              | PASS    |
| Band4 | 3               | 19965      | 1       | #0          | QPSK       | 5.38        | 13              | PASS    |
| Band4 | 3               | 19965      | 1       | #0          | 16QAM      | 6.15        | 13              | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | QPSK       | 5.46        | 13              | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | 16QAM      | 6.49        | 13              | PASS    |
| Band4 | 3               | 20385      | 1       | #0          | QPSK       | 5.43        | 13              | PASS    |
| Band4 | 3               | 20385      | 1       | #0          | 16QAM      | 5.81        | 13              | PASS    |
| Band4 | 5               | 19975      | 1       | #0          | QPSK       | 5.59        | 13              | PASS    |
| Band4 | 5               | 19975      | 1       | #0          | 16QAM      | 6.11        | 13              | PASS    |
| Band4 | 5               | 20175      | 1       | #0          | QPSK       | 5.46        | 13              | PASS    |
| Band4 | 5               | 20175      | 1       | #0          | 16QAM      | 5.93        | 13              | PASS    |
| Band4 | 5               | 20375      | 1       | #0          | QPSK       | 5.35        | 13              | PASS    |
| Band4 | 5               | 20375      | 1       | #0          | 16QAM      | 5.91        | 13              | PASS    |
| Band4 | 10              | 20000      | 1       | #0          | QPSK       | 5.32        | 13              | PASS    |
| Band4 | 10              | 20000      | 1       | #0          | 16QAM      | 6.08        | 13              | PASS    |
| Band4 | 10              | 20175      | 1       | #0          | QPSK       | 5.47        | 13              | PASS    |
| Band4 | 10              | 20175      | 1       | #0          | 16QAM      | 6.41        | 13              | PASS    |
| Band4 | 10              | 20350      | 1       | #0          | QPSK       | 4.64        | 13              | PASS    |
| Band4 | 10              | 20350      | 1       | #0          | 16QAM      | 5.30        | 13              | PASS    |
| Band4 | 15              | 20025      | 1       | #0          | QPSK       | 5.31        | 13              | PASS    |
| Band4 | 15              | 20025      | 1       | #0          | 16QAM      | 6.17        | 13              | PASS    |
| Band4 | 15              | 20175      | 1       | #0          | QPSK       | 5.46        | 13              | PASS    |
| Band4 | 15              | 20175      | 1       | #0          | 16QAM      | 6.33        | 13              | PASS    |

|        |     |       |   |    |       |      |    |      |
|--------|-----|-------|---|----|-------|------|----|------|
| Band4  | 15  | 20325 | 1 | #0 | QPSK  | 5.18 | 13 | PASS |
| Band4  | 15  | 20325 | 1 | #0 | 16QAM | 5.80 | 13 | PASS |
| Band4  | 20  | 20050 | 1 | #0 | QPSK  | 5.25 | 13 | PASS |
| Band4  | 20  | 20050 | 1 | #0 | 16QAM | 5.68 | 13 | PASS |
| Band4  | 20  | 20175 | 1 | #0 | QPSK  | 5.89 | 13 | PASS |
| Band4  | 20  | 20175 | 1 | #0 | 16QAM | 6.17 | 13 | PASS |
| Band4  | 20  | 20300 | 1 | #0 | QPSK  | 5.96 | 13 | PASS |
| Band4  | 20  | 20300 | 1 | #0 | 16QAM | 6.76 | 13 | PASS |
| Band5  | 1.4 | 20407 | 1 | #0 | QPSK  | 4.74 | 13 | PASS |
| Band5  | 1.4 | 20407 | 1 | #0 | 16QAM | 5.22 | 13 | PASS |
| Band5  | 1.4 | 20525 | 1 | #0 | QPSK  | 4.63 | 13 | PASS |
| Band5  | 1.4 | 20525 | 1 | #0 | 16QAM | 4.87 | 13 | PASS |
| Band5  | 1.4 | 20643 | 1 | #0 | QPSK  | 3.70 | 13 | PASS |
| Band5  | 1.4 | 20643 | 1 | #0 | 16QAM | 4.33 | 13 | PASS |
| Band5  | 3   | 20415 | 1 | #0 | QPSK  | 4.64 | 13 | PASS |
| Band5  | 3   | 20415 | 1 | #0 | 16QAM | 5.38 | 13 | PASS |
| Band5  | 3   | 20525 | 1 | #0 | QPSK  | 4.76 | 13 | PASS |
| Band5  | 3   | 20525 | 1 | #0 | 16QAM | 5.15 | 13 | PASS |
| Band5  | 3   | 20635 | 1 | #0 | QPSK  | 4.41 | 13 | PASS |
| Band5  | 3   | 20635 | 1 | #0 | 16QAM | 5.05 | 13 | PASS |
| Band5  | 5   | 20425 | 1 | #0 | QPSK  | 4.85 | 13 | PASS |
| Band5  | 5   | 20425 | 1 | #0 | 16QAM | 5.54 | 13 | PASS |
| Band5  | 5   | 20525 | 1 | #0 | QPSK  | 5.05 | 13 | PASS |
| Band5  | 5   | 20525 | 1 | #0 | 16QAM | 5.47 | 13 | PASS |
| Band5  | 5   | 20625 | 1 | #0 | QPSK  | 5.30 | 13 | PASS |
| Band5  | 5   | 20625 | 1 | #0 | 16QAM | 5.92 | 13 | PASS |
| Band5  | 10  | 20450 | 1 | #0 | QPSK  | 4.62 | 13 | PASS |
| Band5  | 10  | 20450 | 1 | #0 | 16QAM | 5.26 | 13 | PASS |
| Band5  | 10  | 20525 | 1 | #0 | QPSK  | 5.48 | 13 | PASS |
| Band5  | 10  | 20525 | 1 | #0 | 16QAM | 6.37 | 13 | PASS |
| Band5  | 10  | 20600 | 1 | #0 | QPSK  | 4.81 | 13 | PASS |
| Band5  | 10  | 20600 | 1 | #0 | 16QAM | 5.39 | 13 | PASS |
| Band7  | 5   | 20775 | 1 | #0 | QPSK  | 4.37 | 13 | PASS |
| Band7  | 5   | 20775 | 1 | #0 | 16QAM | 5.19 | 13 | PASS |
| Band7  | 5   | 21100 | 1 | #0 | QPSK  | 4.52 | 13 | PASS |
| Band7  | 5   | 21100 | 1 | #0 | 16QAM | 5.05 | 13 | PASS |
| Band7  | 5   | 21425 | 1 | #0 | QPSK  | 3.98 | 13 | PASS |
| Band7  | 5   | 21425 | 1 | #0 | 16QAM | 4.68 | 13 | PASS |
| Band7  | 10  | 20800 | 1 | #0 | QPSK  | 4.21 | 13 | PASS |
| Band7  | 10  | 20800 | 1 | #0 | 16QAM | 4.89 | 13 | PASS |
| Band7  | 10  | 21100 | 1 | #0 | QPSK  | 4.49 | 13 | PASS |
| Band7  | 10  | 21100 | 1 | #0 | 16QAM | 5.17 | 13 | PASS |
| Band7  | 10  | 21400 | 1 | #0 | QPSK  | 4.24 | 13 | PASS |
| Band7  | 10  | 21400 | 1 | #0 | 16QAM | 5.08 | 13 | PASS |
| Band7  | 15  | 20825 | 1 | #0 | QPSK  | 4.21 | 13 | PASS |
| Band7  | 15  | 20825 | 1 | #0 | 16QAM | 4.92 | 13 | PASS |
| Band7  | 15  | 21100 | 1 | #0 | QPSK  | 4.63 | 13 | PASS |
| Band7  | 15  | 21100 | 1 | #0 | 16QAM | 5.25 | 13 | PASS |
| Band7  | 15  | 21375 | 1 | #0 | QPSK  | 3.89 | 13 | PASS |
| Band7  | 15  | 21375 | 1 | #0 | 16QAM | 4.36 | 13 | PASS |
| Band7  | 20  | 20850 | 1 | #0 | QPSK  | 4.24 | 13 | PASS |
| Band7  | 20  | 20850 | 1 | #0 | 16QAM | 4.79 | 13 | PASS |
| Band7  | 20  | 21100 | 1 | #0 | QPSK  | 4.46 | 13 | PASS |
| Band7  | 20  | 21100 | 1 | #0 | 16QAM | 5.21 | 13 | PASS |
| Band7  | 20  | 21350 | 1 | #0 | QPSK  | 3.54 | 13 | PASS |
| Band7  | 20  | 21350 | 1 | #0 | 16QAM | 4.04 | 13 | PASS |
| Band12 | 1.4 | 23017 | 1 | #0 | QPSK  | 4.88 | 13 | PASS |
| Band12 | 1.4 | 23017 | 1 | #0 | 16QAM | 5.80 | 13 | PASS |
| Band12 | 1.4 | 23095 | 1 | #0 | QPSK  | 6.15 | 13 | PASS |
| Band12 | 1.4 | 23095 | 1 | #0 | 16QAM | 6.79 | 13 | PASS |
| Band12 | 1.4 | 23173 | 1 | #0 | QPSK  | 5.68 | 13 | PASS |
| Band12 | 1.4 | 23173 | 1 | #0 | 16QAM | 6.61 | 13 | PASS |
| Band12 | 3   | 23025 | 1 | #0 | QPSK  | 5.08 | 13 | PASS |
| Band12 | 3   | 23025 | 1 | #0 | 16QAM | 6.39 | 13 | PASS |
| Band12 | 3   | 23095 | 1 | #0 | QPSK  | 5.85 | 13 | PASS |
| Band12 | 3   | 23095 | 1 | #0 | 16QAM | 6.73 | 13 | PASS |
| Band12 | 3   | 23165 | 1 | #0 | QPSK  | 5.61 | 13 | PASS |
| Band12 | 3   | 23165 | 1 | #0 | 16QAM | 6.14 | 13 | PASS |

|        |     |        |   |    |       |       |    |      |
|--------|-----|--------|---|----|-------|-------|----|------|
| Band12 | 5   | 23035  | 1 | #0 | QPSK  | 5.35  | 13 | PASS |
| Band12 | 5   | 23035  | 1 | #0 | 16QAM | 5.92  | 13 | PASS |
| Band12 | 5   | 23095  | 1 | #0 | QPSK  | 5.69  | 13 | PASS |
| Band12 | 5   | 23095  | 1 | #0 | 16QAM | 6.20  | 13 | PASS |
| Band12 | 5   | 23155  | 1 | #0 | QPSK  | 5.92  | 13 | PASS |
| Band12 | 5   | 23155  | 1 | #0 | 16QAM | 6.57  | 13 | PASS |
| Band12 | 10  | 23060  | 1 | #0 | QPSK  | 5.16  | 13 | PASS |
| Band12 | 10  | 23060  | 1 | #0 | 16QAM | 6.28  | 13 | PASS |
| Band12 | 10  | 23095  | 1 | #0 | QPSK  | 5.83  | 13 | PASS |
| Band12 | 10  | 23095  | 1 | #0 | 16QAM | 7.16  | 13 | PASS |
| Band12 | 10  | 23130  | 1 | #0 | QPSK  | 5.72  | 13 | PASS |
| Band12 | 10  | 23130  | 1 | #0 | 16QAM | 6.10  | 13 | PASS |
| Band13 | 5   | 23205  | 1 | #0 | QPSK  | 4.84  | 13 | PASS |
| Band13 | 5   | 23205  | 1 | #0 | 16QAM | 5.55  | 13 | PASS |
| Band13 | 5   | 23230  | 1 | #0 | QPSK  | 5.16  | 13 | PASS |
| Band13 | 5   | 23230  | 1 | #0 | 16QAM | 5.84  | 13 | PASS |
| Band13 | 5   | 23255  | 1 | #0 | QPSK  | 5.39  | 13 | PASS |
| Band13 | 5   | 23255  | 1 | #0 | 16QAM | 6.05  | 13 | PASS |
| Band13 | 10  | 23230  | 1 | #0 | QPSK  | 4.56  | 13 | PASS |
| Band13 | 10  | 23230  | 1 | #0 | 16QAM | 5.56  | 13 | PASS |
| Band17 | 5   | 23755  | 1 | #0 | QPSK  | 5.73  | 13 | PASS |
| Band17 | 5   | 23755  | 1 | #0 | 16QAM | 6.34  | 13 | PASS |
| Band17 | 5   | 23790  | 1 | #0 | QPSK  | 5.32  | 13 | PASS |
| Band17 | 5   | 23790  | 1 | #0 | 16QAM | 5.84  | 13 | PASS |
| Band17 | 5   | 23825  | 1 | #0 | QPSK  | 5.66  | 13 | PASS |
| Band17 | 5   | 23825  | 1 | #0 | 16QAM | 6.46  | 13 | PASS |
| Band17 | 10  | 23780  | 1 | #0 | QPSK  | 5.50  | 13 | PASS |
| Band17 | 10  | 23780  | 1 | #0 | 16QAM | 6.40  | 13 | PASS |
| Band17 | 10  | 23790  | 1 | #0 | QPSK  | 5.42  | 13 | PASS |
| Band17 | 10  | 23790  | 1 | #0 | 16QAM | 6.56  | 13 | PASS |
| Band17 | 10  | 23800  | 1 | #0 | QPSK  | 5.24  | 13 | PASS |
| Band17 | 10  | 23800  | 1 | #0 | 16QAM | 5.85  | 13 | PASS |
| Band38 | 5   | 37775  | 1 | #0 | QPSK  | 8.18  | 13 | PASS |
| Band38 | 5   | 37775  | 1 | #0 | 16QAM | 9.61  | 13 | PASS |
| Band38 | 5   | 38000  | 1 | #0 | QPSK  | 9.39  | 13 | PASS |
| Band38 | 5   | 38000  | 1 | #0 | 16QAM | 8.24  | 13 | PASS |
| Band38 | 5   | 38225  | 1 | #0 | QPSK  | 7.88  | 13 | PASS |
| Band38 | 5   | 38225  | 1 | #0 | 16QAM | 8.16  | 13 | PASS |
| Band38 | 10  | 37800  | 1 | #0 | QPSK  | 7.84  | 13 | PASS |
| Band38 | 10  | 37800  | 1 | #0 | 16QAM | 9.76  | 13 | PASS |
| Band38 | 10  | 38000  | 1 | #0 | QPSK  | 8.43  | 13 | PASS |
| Band38 | 10  | 38000  | 1 | #0 | 16QAM | 9.21  | 13 | PASS |
| Band38 | 10  | 38200  | 1 | #0 | QPSK  | 10.81 | 13 | PASS |
| Band38 | 10  | 38200  | 1 | #0 | 16QAM | 8.40  | 13 | PASS |
| Band38 | 15  | 37825  | 1 | #0 | QPSK  | 8.22  | 13 | PASS |
| Band38 | 15  | 37825  | 1 | #0 | 16QAM | 9.71  | 13 | PASS |
| Band38 | 15  | 38000  | 1 | #0 | QPSK  | 9.32  | 13 | PASS |
| Band38 | 15  | 38000  | 1 | #0 | 16QAM | 8.36  | 13 | PASS |
| Band38 | 15  | 38175  | 1 | #0 | QPSK  | 7.83  | 13 | PASS |
| Band38 | 15  | 38175  | 1 | #0 | 16QAM | 9.17  | 13 | PASS |
| Band38 | 20  | 37850  | 1 | #0 | QPSK  | 8.77  | 13 | PASS |
| Band38 | 20  | 37850  | 1 | #0 | 16QAM | 10.30 | 13 | PASS |
| Band38 | 20  | 38000  | 1 | #0 | QPSK  | 8.56  | 13 | PASS |
| Band38 | 20  | 38000  | 1 | #0 | 16QAM | 9.18  | 13 | PASS |
| Band38 | 20  | 38150  | 1 | #0 | QPSK  | 7.98  | 13 | PASS |
| Band38 | 20  | 38150  | 1 | #0 | 16QAM | 9.00  | 13 | PASS |
| Band66 | 1.4 | 131979 | 1 | #0 | QPSK  | 5.50  | 13 | PASS |
| Band66 | 1.4 | 131979 | 1 | #0 | 16QAM | 5.89  | 13 | PASS |
| Band66 | 1.4 | 132322 | 1 | #0 | QPSK  | 4.50  | 13 | PASS |
| Band66 | 1.4 | 132322 | 1 | #0 | 16QAM | 5.16  | 13 | PASS |
| Band66 | 1.4 | 132665 | 1 | #0 | QPSK  | 4.92  | 13 | PASS |
| Band66 | 1.4 | 132665 | 1 | #0 | 16QAM | 5.82  | 13 | PASS |
| Band66 | 3   | 131987 | 1 | #0 | QPSK  | 5.34  | 13 | PASS |
| Band66 | 3   | 131987 | 1 | #0 | 16QAM | 6.43  | 13 | PASS |
| Band66 | 3   | 132322 | 1 | #0 | QPSK  | 4.73  | 13 | PASS |
| Band66 | 3   | 132322 | 1 | #0 | 16QAM | 5.38  | 13 | PASS |
| Band66 | 3   | 132657 | 1 | #0 | QPSK  | 4.58  | 13 | PASS |
| Band66 | 3   | 132657 | 1 | #0 | 16QAM | 5.33  | 13 | PASS |

|        |    |        |   |    |       |      |    |      |
|--------|----|--------|---|----|-------|------|----|------|
| Band66 | 5  | 131997 | 1 | #0 | QPSK  | 5.71 | 13 | PASS |
| Band66 | 5  | 131997 | 1 | #0 | 16QAM | 6.25 | 13 | PASS |
| Band66 | 5  | 132322 | 1 | #0 | QPSK  | 4.77 | 13 | PASS |
| Band66 | 5  | 132322 | 1 | #0 | 16QAM | 5.40 | 13 | PASS |
| Band66 | 5  | 132647 | 1 | #0 | QPSK  | 4.58 | 13 | PASS |
| Band66 | 5  | 132647 | 1 | #0 | 16QAM | 5.42 | 13 | PASS |
| Band66 | 10 | 132022 | 1 | #0 | QPSK  | 5.28 | 13 | PASS |
| Band66 | 10 | 132022 | 1 | #0 | 16QAM | 6.35 | 13 | PASS |
| Band66 | 10 | 132322 | 1 | #0 | QPSK  | 5.03 | 13 | PASS |
| Band66 | 10 | 132322 | 1 | #0 | 16QAM | 6.03 | 13 | PASS |
| Band66 | 10 | 132622 | 1 | #0 | QPSK  | 5.37 | 13 | PASS |
| Band66 | 10 | 132622 | 1 | #0 | 16QAM | 6.07 | 13 | PASS |
| Band66 | 15 | 132047 | 1 | #0 | QPSK  | 5.43 | 13 | PASS |
| Band66 | 15 | 132047 | 1 | #0 | 16QAM | 6.22 | 13 | PASS |
| Band66 | 15 | 132322 | 1 | #0 | QPSK  | 5.54 | 13 | PASS |
| Band66 | 15 | 132322 | 1 | #0 | 16QAM | 6.34 | 13 | PASS |
| Band66 | 15 | 132597 | 1 | #0 | QPSK  | 5.84 | 13 | PASS |
| Band66 | 15 | 132597 | 1 | #0 | 16QAM | 6.26 | 13 | PASS |
| Band66 | 20 | 132072 | 1 | #0 | QPSK  | 5.30 | 13 | PASS |
| Band66 | 20 | 132072 | 1 | #0 | 16QAM | 5.89 | 13 | PASS |
| Band66 | 20 | 132322 | 1 | #0 | QPSK  | 5.64 | 13 | PASS |
| Band66 | 20 | 132322 | 1 | #0 | 16QAM | 6.40 | 13 | PASS |
| Band66 | 20 | 132572 | 1 | #0 | QPSK  | 5.46 | 13 | PASS |
| Band66 | 20 | 132572 | 1 | #0 | 16QAM | 6.33 | 13 | PASS |

Band2 16QAM BW=1.4MHz Channel=18607 RB Size=1 Position=#0



Band2 16QAM BW=1.4MHz Channel=18900 RB Size=1 Position=#0



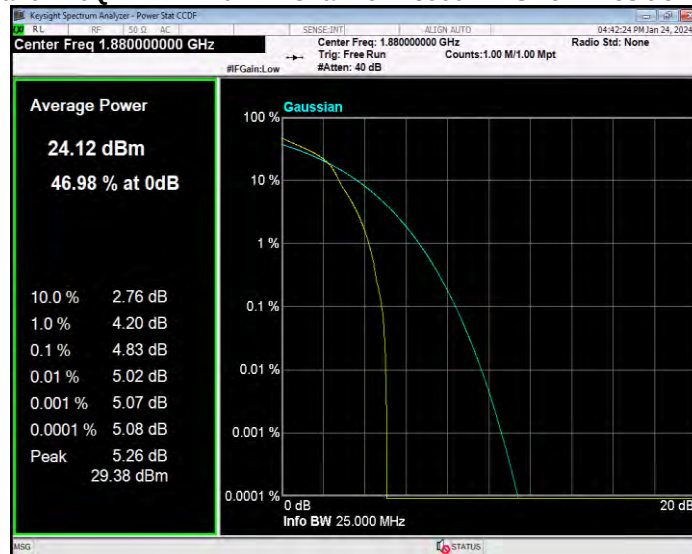
Band2 16QAM BW=1.4MHz Channel=19193 RB Size=1 Position=#0



# Band2 16QAM BW=10MHz Channel=18650 RB Size=1 Position=#0



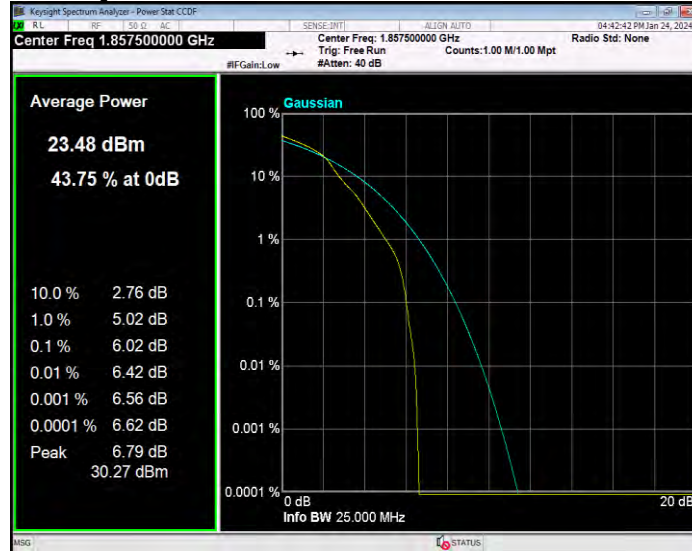
# Band2 16QAM BW=10MHz Channel=18900 RB Size=1 Position=#0



# Band2 16QAM BW=10MHz Channel=19150 RB Size=1 Position=#0



# Band2 16QAM BW=15MHz Channel=18675 RB Size=1 Position=#0



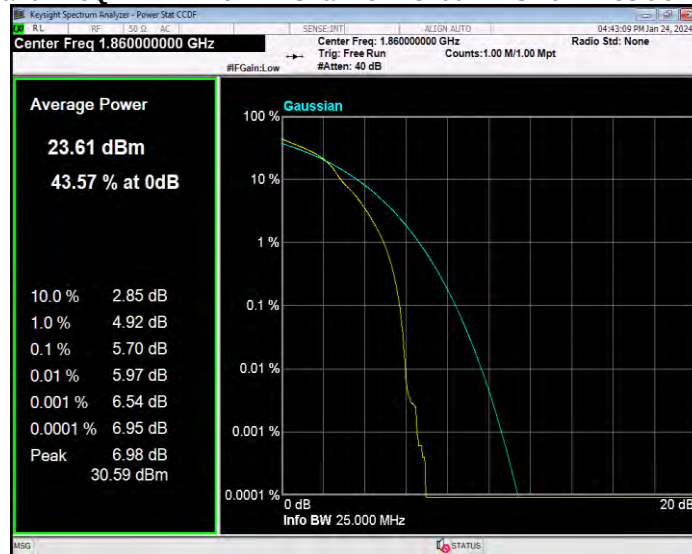
# Band2 16QAM BW=15MHz Channel=18900 RB Size=1 Position=#0



# Band2 16QAM BW=15MHz Channel=19125 RB Size=1 Position=#0



# Band2 16QAM BW=20MHz Channel=18700 RB Size=1 Position=#0



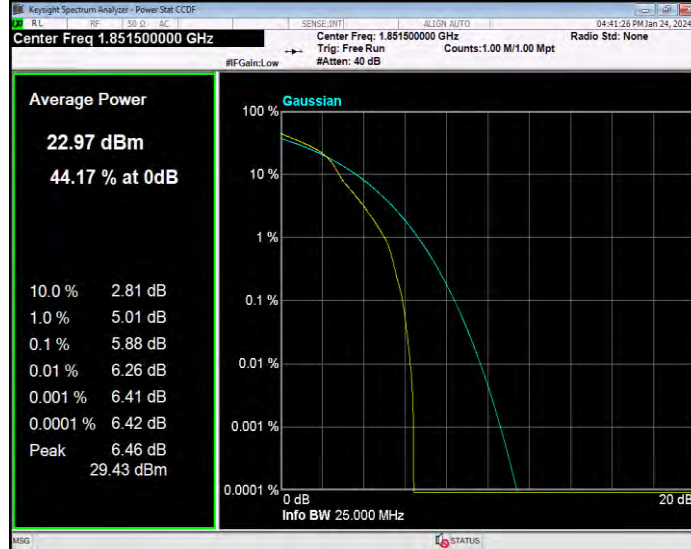
# Band2 16QAM BW=20MHz Channel=18900 RB Size=1 Position=#0



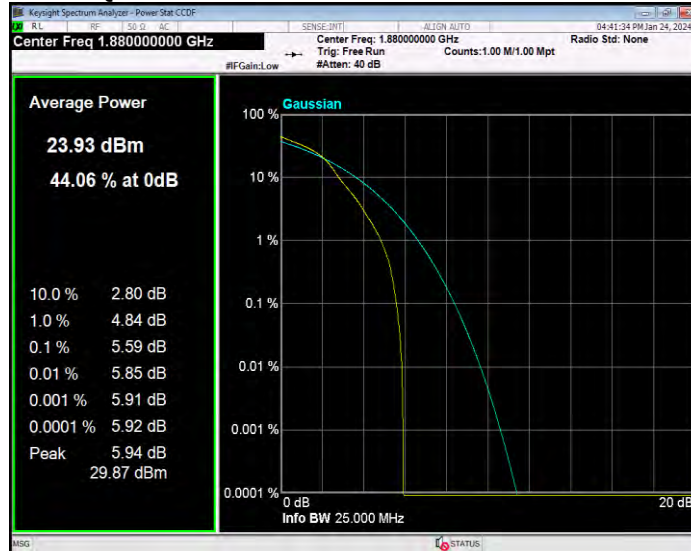
# Band2 16QAM BW=20MHz Channel=19100 RB Size=1 Position=#0



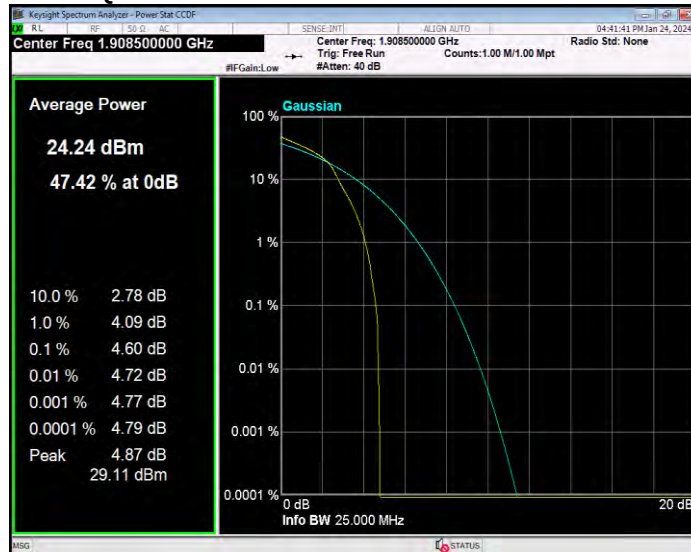
# Band2 16QAM BW=3MHz Channel=18615 RB Size=1 Position=#0



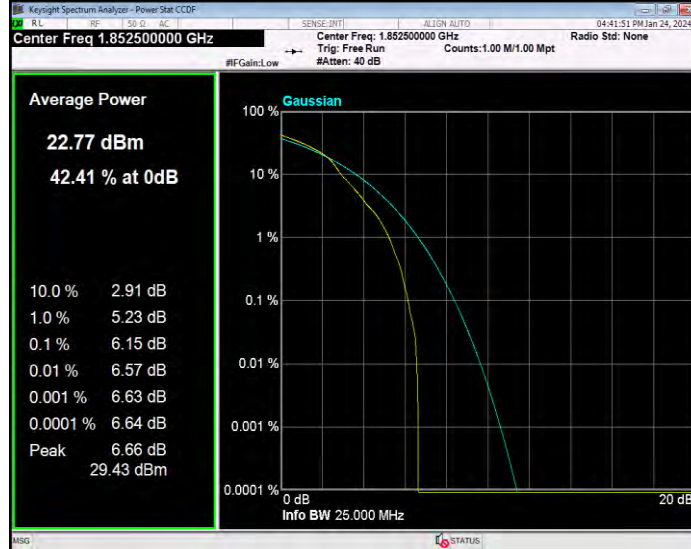
# Band2 16QAM BW=3MHz Channel=18900 RB Size=1 Position=#0



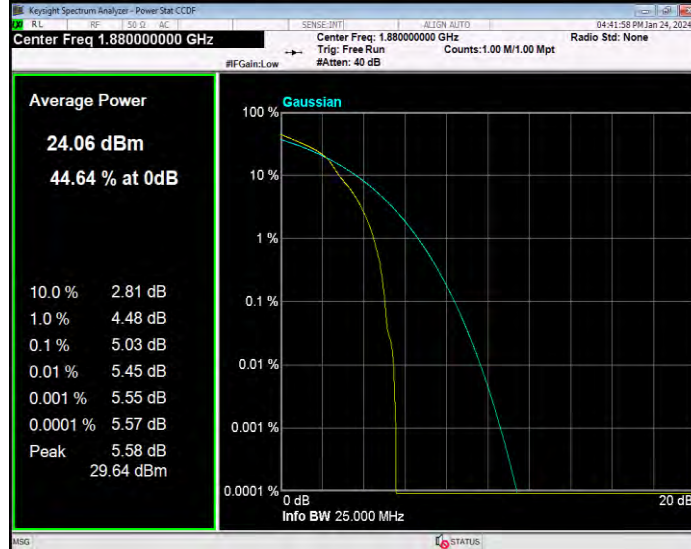
# Band2 16QAM BW=3MHz Channel=19185 RB Size=1 Position=#0



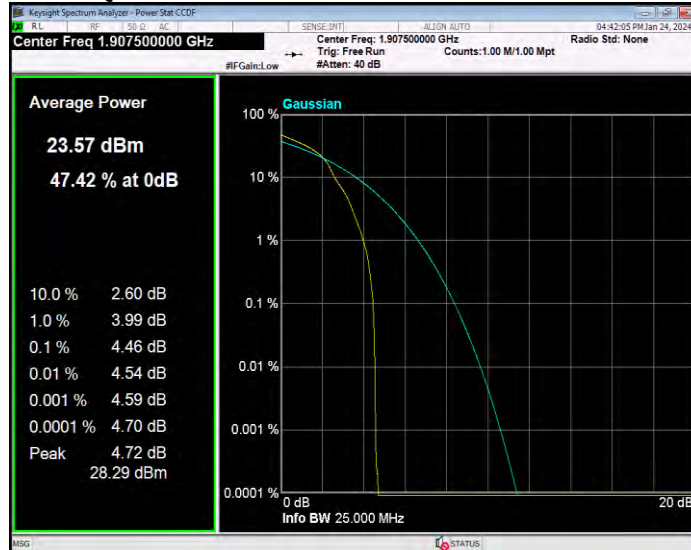
# Band2 16QAM BW=5MHz Channel=18625 RB Size=1 Position=#0



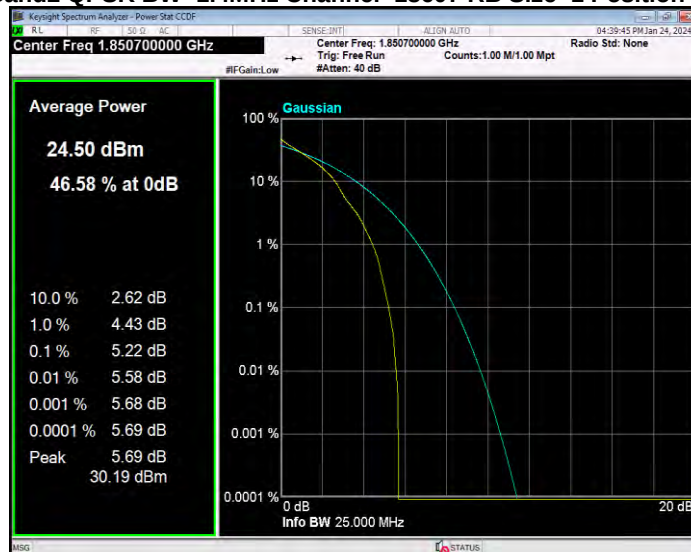
# Band2 16QAM BW=5MHz Channel=18900 RB Size=1 Position=#0



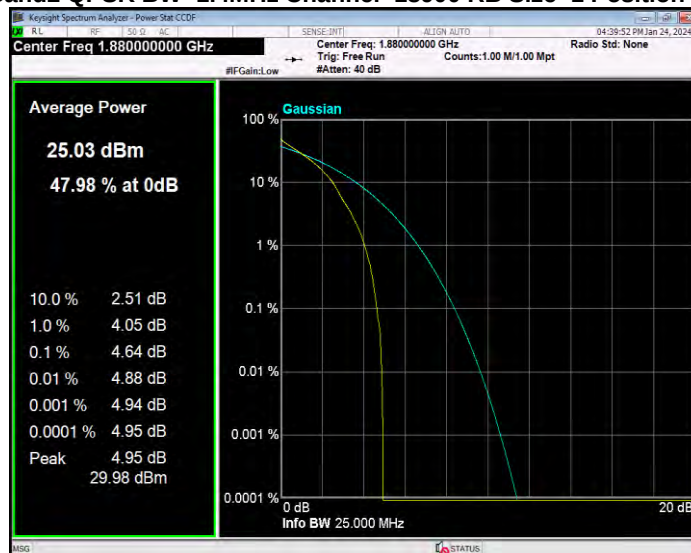
# Band2 16QAM BW=5MHz Channel=19175 RB Size=1 Position=#0



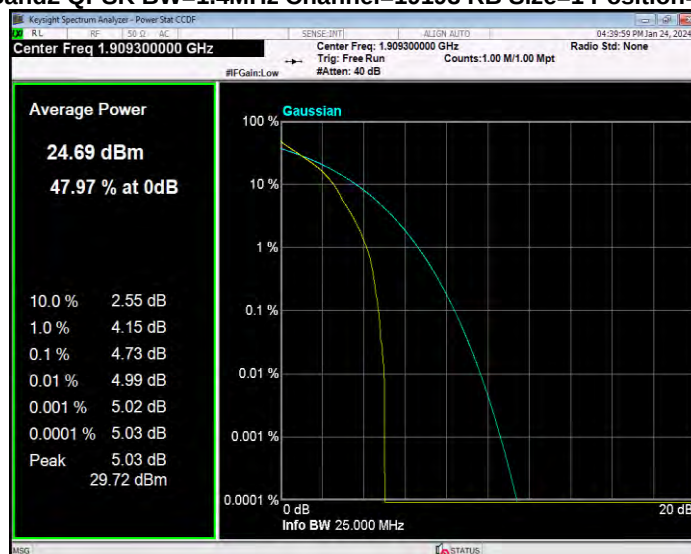
# Band2 QPSK BW=1.4MHz Channel=18607 RB Size=1 Position=#0



# Band2 QPSK BW=1.4MHz Channel=18900 RB Size=1 Position=#0



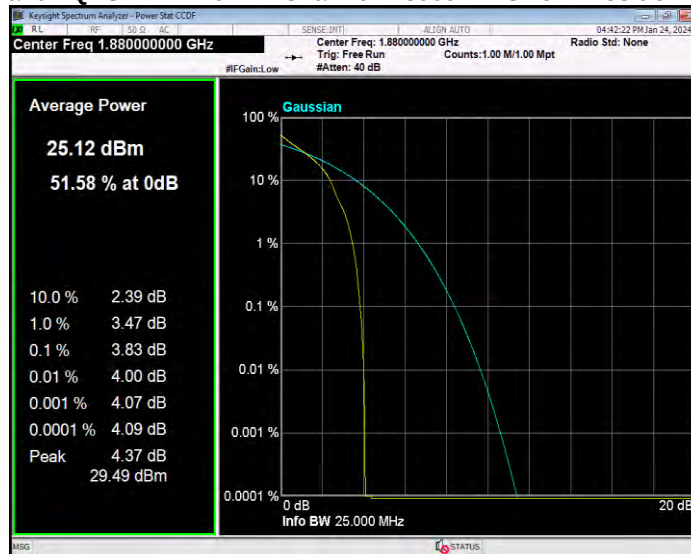
# Band2 QPSK BW=1.4MHz Channel=19193 RB Size=1 Position=#0



# Band2 QPSK BW=10MHz Channel=18650 RB Size=1 Position=#0



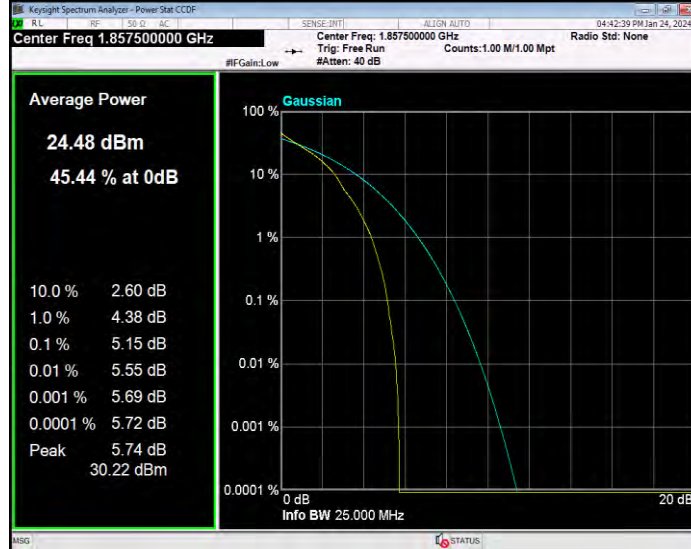
# Band2 QPSK BW=10MHz Channel=18900 RB Size=1 Position=#0



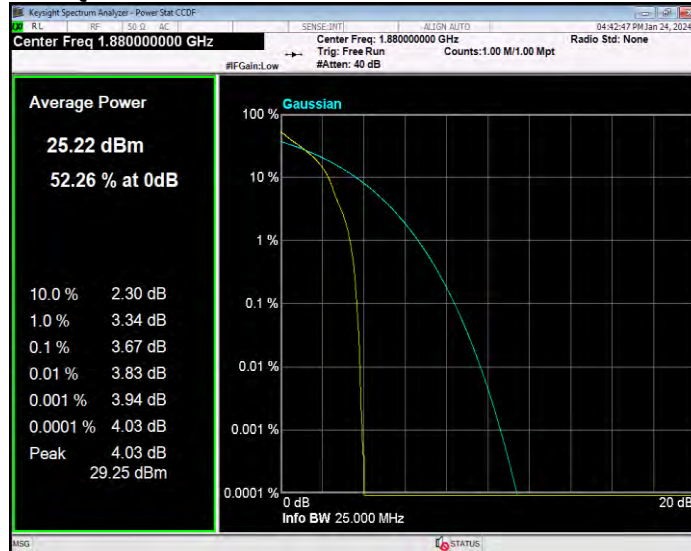
# Band2 QPSK BW=10MHz Channel=19150 RB Size=1 Position=#0



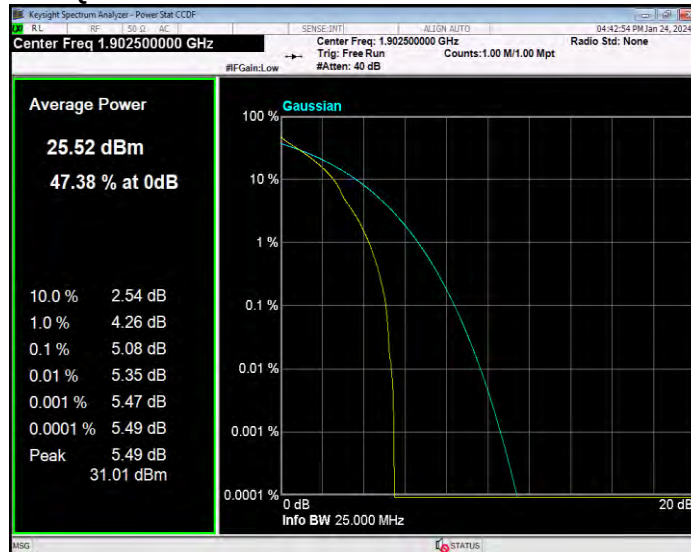
# Band2 QPSK BW=15MHz Channel=18675 RB Size=1 Position=#0



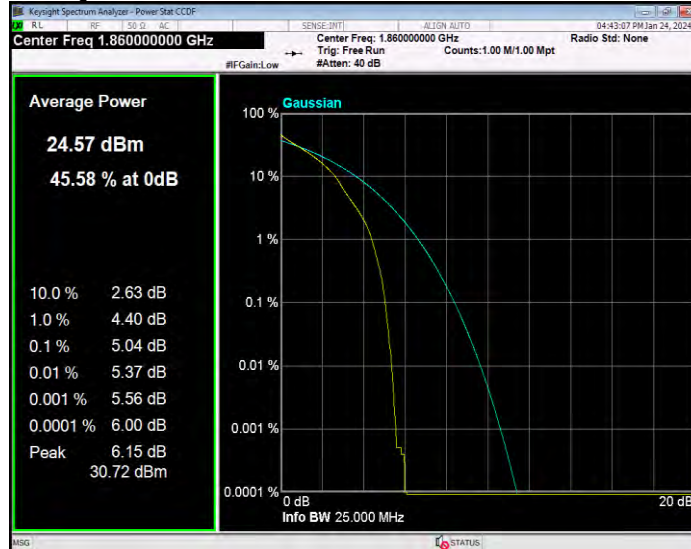
# Band2 QPSK BW=15MHz Channel=18900 RB Size=1 Position=#0



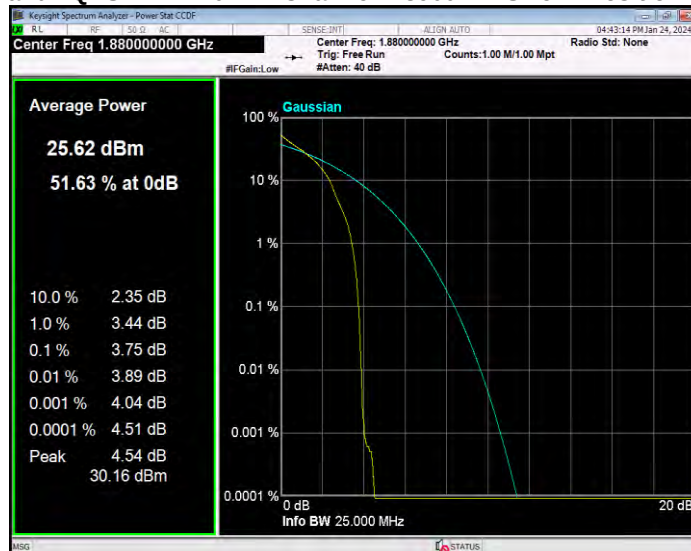
# Band2 QPSK BW=15MHz Channel=19125 RB Size=1 Position=#0



# Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0



# Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0



# Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0

