

## 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.

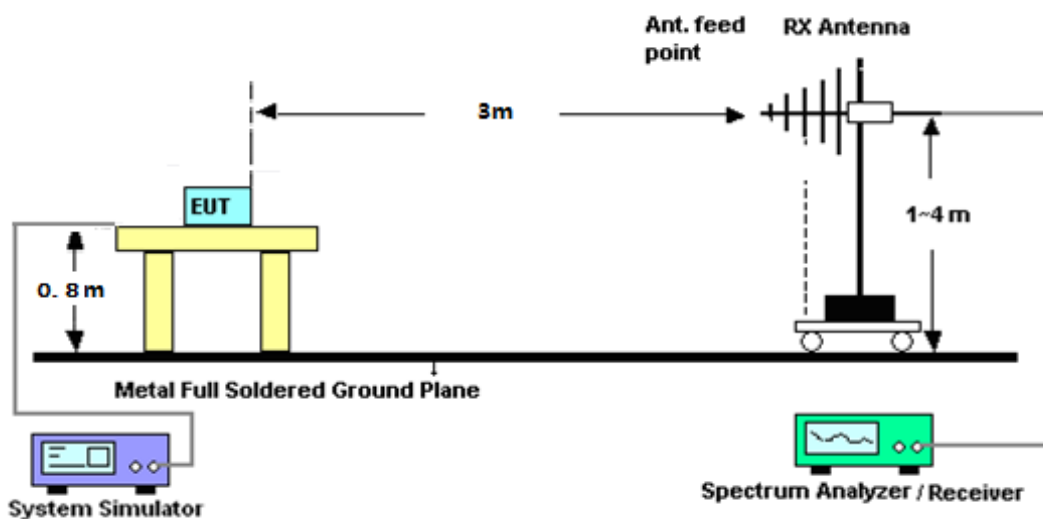
#### 9.1.2 TEST SETUP

The procedure of radiated spurious emissions is as follows:

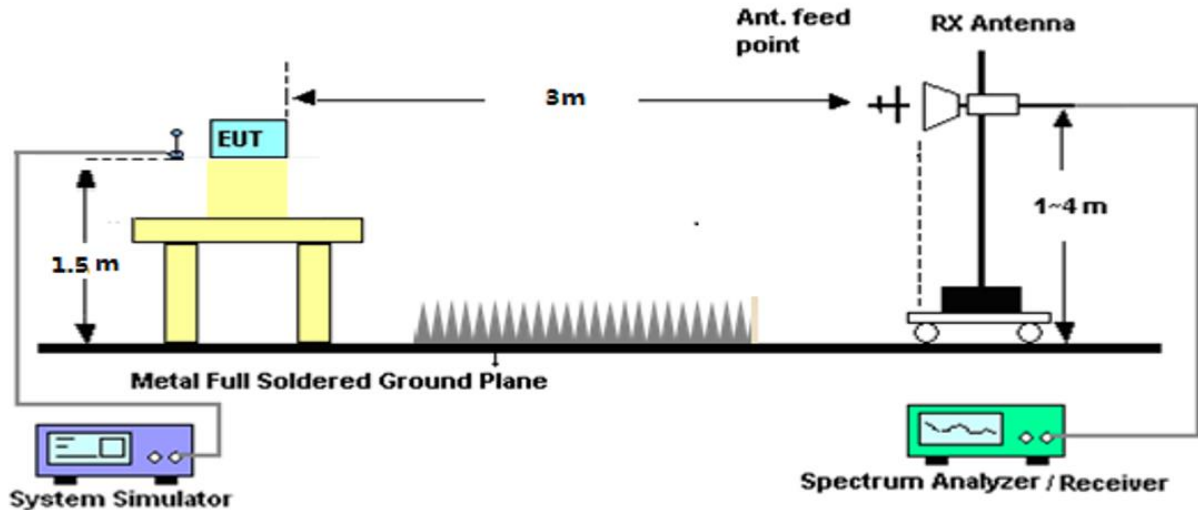
a) Pre-calibration With pre-calibration method, the Radiated Spurious Emissions(RSE) is calculated as,  $RSE = Rx(\text{dBuV}) + CL(\text{dB}) + SA(\text{dB}) + \text{Gain}(\text{dBi}) - 107(\text{dBuV to dBm})$  The SA is calibrated using following setup.

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:  $\text{Power} = P_{\text{Mea}} + \text{ARpl}$   
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)  
 $= P(W) - [43 + 10\log(P)] \text{ (dB)}$   
 $= [30 + 10\log(P)] \text{ (dBm)} - [43 + 10\log(P)] \text{ (dB)}$   
 $= -13\text{dBm}$

For Band 7:

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

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

### 9.1.4 TEST RESULTS

Note: Test chart See Appendix II

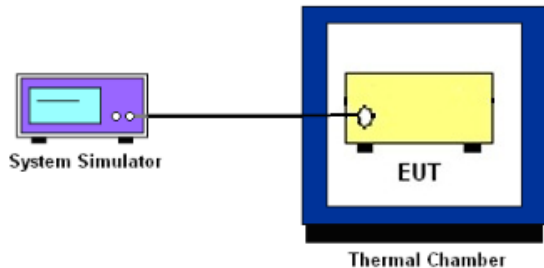
## 10. FREQUENCY STABILITY

### 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 II

## APPENDIX I-PHOTOS OF TEST SETUP

Note: See test photos in setup photo document for the actual connections between Product and support equipment.

## APPENDIX II-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       | 23.91       | 0.15      | 24.06      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Mid        | QPSK       | 23.85       | 0.15      | 24.00      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Max        | QPSK       | 23.87       | 0.15      | 24.02      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #0          | QPSK       | 23.71       | 0.15      | 23.86      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Mid        | QPSK       | 23.76       | 0.15      | 23.91      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Max        | QPSK       | 23.82       | 0.15      | 23.97      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | QPSK       | 22.72       | 0.15      | 22.87      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #0          | QAM16      | 23.98       | 0.15      | 24.13      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Mid        | QAM16      | 23.97       | 0.15      | 24.12      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 1       | #Max        | QAM16      | 23.81       | 0.15      | 23.96      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #0          | QAM16      | 23.10       | 0.15      | 23.25      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Mid        | QAM16      | 23.18       | 0.15      | 23.33      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 3       | #Max        | QAM16      | 23.12       | 0.15      | 23.27      | 33.01            | PASS    |
| Band2 | 1.4             | 18607      | 6       | #0          | QAM16      | 22.16       | 0.15      | 22.31      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | QPSK       | 23.67       | 0.15      | 23.82      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Mid        | QPSK       | 23.78       | 0.15      | 23.93      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Max        | QPSK       | 23.69       | 0.15      | 23.84      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #0          | QPSK       | 23.82       | 0.15      | 23.97      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Mid        | QPSK       | 23.79       | 0.15      | 23.94      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Max        | QPSK       | 23.85       | 0.15      | 24.00      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QPSK       | 22.77       | 0.15      | 22.92      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #0          | QAM16      | 22.20       | 0.15      | 22.35      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Mid        | QAM16      | 22.22       | 0.15      | 22.37      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 1       | #Max        | QAM16      | 22.29       | 0.15      | 22.44      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #0          | QAM16      | 22.74       | 0.15      | 22.89      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Mid        | QAM16      | 22.75       | 0.15      | 22.90      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 3       | #Max        | QAM16      | 22.70       | 0.15      | 22.85      | 33.01            | PASS    |
| Band2 | 1.4             | 18900      | 6       | #0          | QAM16      | 22.05       | 0.15      | 22.20      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | QPSK       | 23.80       | 0.15      | 23.95      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Mid        | QPSK       | 23.79       | 0.15      | 23.94      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Max        | QPSK       | 23.88       | 0.15      | 24.03      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #0          | QPSK       | 23.74       | 0.15      | 23.89      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Mid        | QPSK       | 23.81       | 0.15      | 23.96      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Max        | QPSK       | 23.75       | 0.15      | 23.90      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QPSK       | 22.90       | 0.15      | 23.05      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #0          | QAM16      | 23.31       | 0.15      | 23.46      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Mid        | QAM16      | 23.27       | 0.15      | 23.42      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 1       | #Max        | QAM16      | 23.17       | 0.15      | 23.32      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #0          | QAM16      | 23.42       | 0.15      | 23.57      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Mid        | QAM16      | 23.33       | 0.15      | 23.48      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 3       | #Max        | QAM16      | 23.42       | 0.15      | 23.57      | 33.01            | PASS    |
| Band2 | 1.4             | 19193      | 6       | #0          | QAM16      | 22.14       | 0.15      | 22.29      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #0          | QPSK       | 23.71       | 0.15      | 23.86      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Mid        | QPSK       | 23.77       | 0.15      | 23.92      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Max        | QPSK       | 23.75       | 0.15      | 23.90      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #0          | QPSK       | 22.77       | 0.15      | 22.92      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Mid        | QPSK       | 22.82       | 0.15      | 22.97      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Max        | QPSK       | 22.81       | 0.15      | 22.96      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | QPSK       | 22.77       | 0.15      | 22.92      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #0          | QAM16      | 23.64       | 0.15      | 23.79      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Mid        | QAM16      | 23.57       | 0.15      | 23.72      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 1       | #Max        | QAM16      | 23.72       | 0.15      | 23.87      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #0          | QAM16      | 22.18       | 0.15      | 22.33      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Mid        | QAM16      | 22.16       | 0.15      | 22.31      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 8       | #Max        | QAM16      | 22.18       | 0.15      | 22.33      | 33.01            | PASS    |
| Band2 | 3               | 18615      | 15      | #0          | QAM16      | 21.93       | 0.15      | 22.08      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 1       | #0          | QPSK       | 23.69       | 0.15      | 23.84      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 1       | #Mid        | QPSK       | 23.60       | 0.15      | 23.75      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 1       | #Max        | QPSK       | 23.77       | 0.15      | 23.92      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 8       | #0          | QPSK       | 22.68       | 0.15      | 22.83      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 8       | #Mid        | QPSK       | 22.68       | 0.15      | 22.83      | 33.01            | PASS    |
| Band2 | 3               | 18900      | 8       | #Max        | QPSK       | 22.72       | 0.15      | 22.87      | 33.01            | PASS    |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band2 | 3  | 18900 | 15 | #0   | QPSK  | 22.77 | 0.15 | 22.92 | 33.01 | PASS |
| Band2 | 3  | 18900 | 1  | #0   | QAM16 | 22.55 | 0.15 | 22.70 | 33.01 | PASS |
| Band2 | 3  | 18900 | 1  | #Mid | QAM16 | 22.55 | 0.15 | 22.70 | 33.01 | PASS |
| Band2 | 3  | 18900 | 1  | #Max | QAM16 | 22.52 | 0.15 | 22.67 | 33.01 | PASS |
| Band2 | 3  | 18900 | 8  | #0   | QAM16 | 21.75 | 0.15 | 21.90 | 33.01 | PASS |
| Band2 | 3  | 18900 | 8  | #Mid | QAM16 | 21.70 | 0.15 | 21.85 | 33.01 | PASS |
| Band2 | 3  | 18900 | 8  | #Max | QAM16 | 21.73 | 0.15 | 21.88 | 33.01 | PASS |
| Band2 | 3  | 18900 | 15 | #0   | QAM16 | 21.98 | 0.15 | 22.13 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #0   | QPSK  | 23.76 | 0.15 | 23.91 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Mid | QPSK  | 23.80 | 0.15 | 23.95 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Max | QPSK  | 23.78 | 0.15 | 23.93 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #0   | QPSK  | 22.79 | 0.15 | 22.94 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Mid | QPSK  | 22.80 | 0.15 | 22.95 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Max | QPSK  | 22.85 | 0.15 | 23.00 | 33.01 | PASS |
| Band2 | 3  | 19185 | 15 | #0   | QPSK  | 22.85 | 0.15 | 23.00 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #0   | QAM16 | 24.09 | 0.15 | 24.24 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Mid | QAM16 | 24.08 | 0.15 | 24.23 | 33.01 | PASS |
| Band2 | 3  | 19185 | 1  | #Max | QAM16 | 24.16 | 0.15 | 24.31 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #0   | QAM16 | 21.91 | 0.15 | 22.06 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Mid | QAM16 | 21.83 | 0.15 | 21.98 | 33.01 | PASS |
| Band2 | 3  | 19185 | 8  | #Max | QAM16 | 21.89 | 0.15 | 22.04 | 33.01 | PASS |
| Band2 | 3  | 19185 | 15 | #0   | QAM16 | 22.06 | 0.15 | 22.21 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #0   | QPSK  | 23.79 | 0.15 | 23.94 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | QPSK  | 23.76 | 0.15 | 23.91 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | QPSK  | 23.74 | 0.15 | 23.89 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | QPSK  | 22.81 | 0.15 | 22.96 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | QPSK  | 22.76 | 0.15 | 22.91 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | QPSK  | 22.79 | 0.15 | 22.94 | 33.01 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | QPSK  | 22.73 | 0.15 | 22.88 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #0   | QAM16 | 22.92 | 0.15 | 23.07 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Mid | QAM16 | 22.91 | 0.15 | 23.06 | 33.01 | PASS |
| Band2 | 5  | 18625 | 1  | #Max | QAM16 | 22.96 | 0.15 | 23.11 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #0   | QAM16 | 21.85 | 0.15 | 22.00 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Mid | QAM16 | 21.85 | 0.15 | 22.00 | 33.01 | PASS |
| Band2 | 5  | 18625 | 12 | #Max | QAM16 | 21.89 | 0.15 | 22.04 | 33.01 | PASS |
| Band2 | 5  | 18625 | 25 | #0   | QAM16 | 22.11 | 0.15 | 22.26 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | QPSK  | 23.73 | 0.15 | 23.88 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | QPSK  | 23.70 | 0.15 | 23.85 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | QPSK  | 23.76 | 0.15 | 23.91 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | QPSK  | 22.72 | 0.15 | 22.87 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | QPSK  | 22.81 | 0.15 | 22.96 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | QPSK  | 22.85 | 0.15 | 23.00 | 33.01 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | QPSK  | 22.69 | 0.15 | 22.84 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #0   | QAM16 | 22.49 | 0.15 | 22.64 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Mid | QAM16 | 22.49 | 0.15 | 22.64 | 33.01 | PASS |
| Band2 | 5  | 18900 | 1  | #Max | QAM16 | 22.58 | 0.15 | 22.73 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #0   | QAM16 | 21.71 | 0.15 | 21.86 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Mid | QAM16 | 21.74 | 0.15 | 21.89 | 33.01 | PASS |
| Band2 | 5  | 18900 | 12 | #Max | QAM16 | 21.76 | 0.15 | 21.91 | 33.01 | PASS |
| Band2 | 5  | 18900 | 25 | #0   | QAM16 | 21.89 | 0.15 | 22.04 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | QPSK  | 23.73 | 0.15 | 23.88 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | QPSK  | 23.68 | 0.15 | 23.83 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | QPSK  | 23.65 | 0.15 | 23.80 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #0   | QPSK  | 22.86 | 0.15 | 23.01 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | QPSK  | 22.89 | 0.15 | 23.04 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | QPSK  | 22.85 | 0.15 | 23.00 | 33.01 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | QPSK  | 22.96 | 0.15 | 23.11 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #0   | QAM16 | 23.72 | 0.15 | 23.87 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Mid | QAM16 | 23.69 | 0.15 | 23.84 | 33.01 | PASS |
| Band2 | 5  | 19175 | 1  | #Max | QAM16 | 23.69 | 0.15 | 23.84 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #0   | QAM16 | 21.92 | 0.15 | 22.07 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Mid | QAM16 | 21.95 | 0.15 | 22.10 | 33.01 | PASS |
| Band2 | 5  | 19175 | 12 | #Max | QAM16 | 21.96 | 0.15 | 22.11 | 33.01 | PASS |
| Band2 | 5  | 19175 | 25 | #0   | QAM16 | 22.17 | 0.15 | 22.32 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | QPSK  | 23.75 | 0.15 | 23.90 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QPSK  | 23.70 | 0.15 | 23.85 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | QPSK  | 23.75 | 0.15 | 23.90 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | QPSK  | 22.75 | 0.15 | 22.90 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | QPSK  | 22.77 | 0.15 | 22.92 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QPSK  | 22.85 | 0.15 | 23.00 | 33.01 | PASS |
| Band2 | 10 | 18650 | 50 | #0   | QPSK  | 22.72 | 0.15 | 22.87 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #0   | QAM16 | 23.98 | 0.15 | 24.13 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Mid | QAM16 | 23.93 | 0.15 | 24.08 | 33.01 | PASS |
| Band2 | 10 | 18650 | 1  | #Max | QAM16 | 23.95 | 0.15 | 24.10 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #0   | QAM16 | 21.89 | 0.15 | 22.04 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Mid | QAM16 | 21.90 | 0.15 | 22.05 | 33.01 | PASS |
| Band2 | 10 | 18650 | 25 | #Max | QAM16 | 21.95 | 0.15 | 22.10 | 33.01 | PASS |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band2 | 10 | 18650 | 50 | #0   | QAM16 | 21.99 | 0.15 | 22.14 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QPSK  | 23.66 | 0.15 | 23.81 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QPSK  | 23.76 | 0.15 | 23.91 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QPSK  | 23.83 | 0.15 | 23.98 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QPSK  | 22.72 | 0.15 | 22.87 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | QPSK  | 22.78 | 0.15 | 22.93 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QPSK  | 22.80 | 0.15 | 22.95 | 33.01 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QPSK  | 22.75 | 0.15 | 22.90 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #0   | QAM16 | 23.53 | 0.15 | 23.68 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Mid | QAM16 | 23.55 | 0.15 | 23.70 | 33.01 | PASS |
| Band2 | 10 | 18900 | 1  | #Max | QAM16 | 23.75 | 0.15 | 23.90 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #0   | QAM16 | 21.89 | 0.15 | 22.04 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Mid | QAM16 | 21.98 | 0.15 | 22.13 | 33.01 | PASS |
| Band2 | 10 | 18900 | 25 | #Max | QAM16 | 21.97 | 0.15 | 22.12 | 33.01 | PASS |
| Band2 | 10 | 18900 | 50 | #0   | QAM16 | 21.96 | 0.15 | 22.11 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QPSK  | 23.88 | 0.15 | 24.03 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QPSK  | 23.90 | 0.15 | 24.05 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QPSK  | 23.89 | 0.15 | 24.04 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QPSK  | 22.86 | 0.15 | 23.01 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | QPSK  | 22.90 | 0.15 | 23.05 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | QPSK  | 22.88 | 0.15 | 23.03 | 33.01 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | QPSK  | 22.86 | 0.15 | 23.01 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #0   | QAM16 | 23.29 | 0.15 | 23.44 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Mid | QAM16 | 23.35 | 0.15 | 23.50 | 33.01 | PASS |
| Band2 | 10 | 19150 | 1  | #Max | QAM16 | 23.38 | 0.15 | 23.53 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #0   | QAM16 | 22.04 | 0.15 | 22.19 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Mid | QAM16 | 21.95 | 0.15 | 22.10 | 33.01 | PASS |
| Band2 | 10 | 19150 | 25 | #Max | QAM16 | 22.01 | 0.15 | 22.16 | 33.01 | PASS |
| Band2 | 10 | 19150 | 50 | #0   | QAM16 | 22.02 | 0.15 | 22.17 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | QPSK  | 23.69 | 0.15 | 23.84 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | QPSK  | 23.66 | 0.15 | 23.81 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | QPSK  | 23.71 | 0.15 | 23.86 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | QPSK  | 22.70 | 0.15 | 22.85 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Mid | QPSK  | 22.72 | 0.15 | 22.87 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | QPSK  | 22.80 | 0.15 | 22.95 | 33.01 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | QPSK  | 22.79 | 0.15 | 22.94 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #0   | QAM16 | 24.07 | 0.15 | 24.22 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Mid | QAM16 | 24.07 | 0.15 | 24.22 | 33.01 | PASS |
| Band2 | 15 | 18675 | 1  | #Max | QAM16 | 24.08 | 0.15 | 24.23 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #0   | QAM16 | 22.01 | 0.15 | 22.16 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Mid | QAM16 | 22.01 | 0.15 | 22.16 | 33.01 | PASS |
| Band2 | 15 | 18675 | 36 | #Max | QAM16 | 21.97 | 0.15 | 22.12 | 33.01 | PASS |
| Band2 | 15 | 18675 | 75 | #0   | QAM16 | 21.84 | 0.15 | 21.99 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #0   | QPSK  | 23.70 | 0.15 | 23.85 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Mid | QPSK  | 23.73 | 0.15 | 23.88 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Max | QPSK  | 23.84 | 0.15 | 23.99 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #0   | QPSK  | 22.73 | 0.15 | 22.88 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Mid | QPSK  | 22.75 | 0.15 | 22.90 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Max | QPSK  | 22.79 | 0.15 | 22.94 | 33.01 | PASS |
| Band2 | 15 | 18900 | 75 | #0   | QPSK  | 22.74 | 0.15 | 22.89 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #0   | QAM16 | 23.57 | 0.15 | 23.72 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Mid | QAM16 | 23.55 | 0.15 | 23.70 | 33.01 | PASS |
| Band2 | 15 | 18900 | 1  | #Max | QAM16 | 23.76 | 0.15 | 23.91 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #0   | QAM16 | 21.97 | 0.15 | 22.12 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Mid | QAM16 | 21.99 | 0.15 | 22.14 | 33.01 | PASS |
| Band2 | 15 | 18900 | 36 | #Max | QAM16 | 22.05 | 0.15 | 22.20 | 33.01 | PASS |
| Band2 | 15 | 18900 | 75 | #0   | QAM16 | 21.89 | 0.15 | 22.04 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #0   | QPSK  | 23.85 | 0.15 | 24.00 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #Mid | QPSK  | 23.85 | 0.15 | 24.00 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #Max | QPSK  | 23.85 | 0.15 | 24.00 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36 | #0   | QPSK  | 22.83 | 0.15 | 22.98 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36 | #Mid | QPSK  | 22.81 | 0.15 | 22.96 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36 | #Max | QPSK  | 22.92 | 0.15 | 23.07 | 33.01 | PASS |
| Band2 | 15 | 19125 | 75 | #0   | QPSK  | 22.82 | 0.15 | 22.97 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #0   | QAM16 | 23.51 | 0.15 | 23.66 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #Mid | QAM16 | 23.61 | 0.15 | 23.76 | 33.01 | PASS |
| Band2 | 15 | 19125 | 1  | #Max | QAM16 | 23.62 | 0.15 | 23.77 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36 | #0   | QAM16 | 22.00 | 0.15 | 22.15 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36 | #Mid | QAM16 | 22.03 | 0.15 | 22.18 | 33.01 | PASS |
| Band2 | 15 | 19125 | 36 | #Max | QAM16 | 22.04 | 0.15 | 22.19 | 33.01 | PASS |
| Band2 | 15 | 19125 | 75 | #0   | QAM16 | 22.06 | 0.15 | 22.21 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1  | #0   | QPSK  | 23.80 | 0.15 | 23.95 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1  | #Mid | QPSK  | 23.83 | 0.15 | 23.98 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1  | #Max | QPSK  | 23.84 | 0.15 | 23.99 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50 | #0   | QPSK  | 22.76 | 0.15 | 22.91 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50 | #Mid | QPSK  | 22.73 | 0.15 | 22.88 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50 | #Max | QPSK  | 22.71 | 0.15 | 22.86 | 33.01 | PASS |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band2 | 20 | 18700 | 100 | #0   | QPSK  | 22.81 | 0.15 | 22.96 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #0   | QAM16 | 22.56 | 0.15 | 22.71 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Mid | QAM16 | 22.46 | 0.15 | 22.61 | 33.01 | PASS |
| Band2 | 20 | 18700 | 1   | #Max | QAM16 | 22.58 | 0.15 | 22.73 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #0   | QAM16 | 21.95 | 0.15 | 22.10 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Mid | QAM16 | 21.93 | 0.15 | 22.08 | 33.01 | PASS |
| Band2 | 20 | 18700 | 50  | #Max | QAM16 | 21.99 | 0.15 | 22.14 | 33.01 | PASS |
| Band2 | 20 | 18700 | 100 | #0   | QAM16 | 21.94 | 0.15 | 22.09 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | QPSK  | 23.91 | 0.15 | 24.06 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | QPSK  | 23.92 | 0.15 | 24.07 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | QPSK  | 24.22 | 0.15 | 24.37 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | QPSK  | 22.73 | 0.15 | 22.88 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | QPSK  | 22.76 | 0.15 | 22.91 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | QPSK  | 22.90 | 0.15 | 23.05 | 33.01 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | QPSK  | 22.76 | 0.15 | 22.91 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #0   | QAM16 | 22.37 | 0.15 | 22.52 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Mid | QAM16 | 22.39 | 0.15 | 22.54 | 33.01 | PASS |
| Band2 | 20 | 18900 | 1   | #Max | QAM16 | 22.66 | 0.15 | 22.81 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #0   | QAM16 | 21.90 | 0.15 | 22.05 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Mid | QAM16 | 21.90 | 0.15 | 22.05 | 33.01 | PASS |
| Band2 | 20 | 18900 | 50  | #Max | QAM16 | 21.94 | 0.15 | 22.09 | 33.01 | PASS |
| Band2 | 20 | 18900 | 100 | #0   | QAM16 | 21.88 | 0.15 | 22.03 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | QPSK  | 23.87 | 0.15 | 24.02 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | QPSK  | 23.85 | 0.15 | 24.00 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | QPSK  | 24.00 | 0.15 | 24.15 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | QPSK  | 22.85 | 0.15 | 23.00 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | QPSK  | 22.93 | 0.15 | 23.08 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | QPSK  | 22.98 | 0.15 | 23.13 | 33.01 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | QPSK  | 22.81 | 0.15 | 22.96 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #0   | QAM16 | 23.27 | 0.15 | 23.42 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Mid | QAM16 | 23.25 | 0.15 | 23.40 | 33.01 | PASS |
| Band2 | 20 | 19100 | 1   | #Max | QAM16 | 23.35 | 0.15 | 23.50 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #0   | QAM16 | 22.04 | 0.15 | 22.19 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Mid | QAM16 | 22.01 | 0.15 | 22.16 | 33.01 | PASS |
| Band2 | 20 | 19100 | 50  | #Max | QAM16 | 22.07 | 0.15 | 22.22 | 33.01 | PASS |
| Band2 | 20 | 19100 | 100 | #0   | QAM16 | 21.95 | 0.15 | 22.10 | 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       | 23.25       | 0.18      | 23.43      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Mid        | QPSK       | 23.23       | 0.18      | 23.41      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Max        | QPSK       | 23.22       | 0.18      | 23.40      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #0          | QPSK       | 23.08       | 0.18      | 23.26      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Mid        | QPSK       | 23.11       | 0.18      | 23.29      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Max        | QPSK       | 23.03       | 0.18      | 23.21      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QPSK       | 22.14       | 0.18      | 22.32      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #0          | QAM16      | 23.20       | 0.18      | 23.38      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Mid        | QAM16      | 23.23       | 0.18      | 23.41      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 1       | #Max        | QAM16      | 23.27       | 0.18      | 23.45      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #0          | QAM16      | 22.37       | 0.18      | 22.55      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Mid        | QAM16      | 22.45       | 0.18      | 22.63      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 3       | #Max        | QAM16      | 22.40       | 0.18      | 22.58      | 30               | PASS    |
| Band4 | 1.4             | 19957      | 6       | #0          | QAM16      | 21.37       | 0.18      | 21.55      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | QPSK       | 23.27       | 0.18      | 23.45      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Mid        | QPSK       | 23.19       | 0.18      | 23.37      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Max        | QPSK       | 23.20       | 0.18      | 23.38      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #0          | QPSK       | 23.10       | 0.18      | 23.28      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Mid        | QPSK       | 23.15       | 0.18      | 23.33      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Max        | QPSK       | 23.08       | 0.18      | 23.26      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QPSK       | 22.12       | 0.18      | 22.30      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #0          | QAM16      | 22.24       | 0.18      | 22.42      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Mid        | QAM16      | 22.25       | 0.18      | 22.43      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 1       | #Max        | QAM16      | 22.26       | 0.18      | 22.44      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #0          | QAM16      | 22.15       | 0.18      | 22.33      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Mid        | QAM16      | 22.16       | 0.18      | 22.34      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 3       | #Max        | QAM16      | 22.19       | 0.18      | 22.37      | 30               | PASS    |
| Band4 | 1.4             | 20175      | 6       | #0          | QAM16      | 21.39       | 0.18      | 21.57      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | QPSK       | 23.24       | 0.18      | 23.42      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Mid        | QPSK       | 23.20       | 0.18      | 23.38      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Max        | QPSK       | 23.29       | 0.18      | 23.47      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #0          | QPSK       | 23.17       | 0.18      | 23.35      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Mid        | QPSK       | 23.18       | 0.18      | 23.36      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Max        | QPSK       | 23.07       | 0.18      | 23.25      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QPSK       | 22.12       | 0.18      | 22.30      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #0          | QAM16      | 21.86       | 0.18      | 22.04      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Mid        | QAM16      | 21.89       | 0.18      | 22.07      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 1       | #Max        | QAM16      | 21.91       | 0.18      | 22.09      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #0          | QAM16      | 22.13       | 0.18      | 22.31      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Mid        | QAM16      | 22.13       | 0.18      | 22.31      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 3       | #Max        | QAM16      | 22.17       | 0.18      | 22.35      | 30               | PASS    |
| Band4 | 1.4             | 20393      | 6       | #0          | QAM16      | 21.37       | 0.18      | 21.55      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #0          | QPSK       | 23.14       | 0.18      | 23.32      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Mid        | QPSK       | 23.12       | 0.18      | 23.30      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Max        | QPSK       | 23.08       | 0.18      | 23.26      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #0          | QPSK       | 22.07       | 0.18      | 22.25      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Mid        | QPSK       | 22.11       | 0.18      | 22.29      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Max        | QPSK       | 22.07       | 0.18      | 22.25      | 30               | PASS    |
| Band4 | 3               | 19965      | 15      | #0          | QPSK       | 22.06       | 0.18      | 22.24      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #0          | QAM16      | 23.32       | 0.18      | 23.50      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Mid        | QAM16      | 23.25       | 0.18      | 23.43      | 30               | PASS    |
| Band4 | 3               | 19965      | 1       | #Max        | QAM16      | 23.25       | 0.18      | 23.43      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #0          | QAM16      | 21.15       | 0.18      | 21.33      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Mid        | QAM16      | 21.13       | 0.18      | 21.31      | 30               | PASS    |
| Band4 | 3               | 19965      | 8       | #Max        | QAM16      | 21.08       | 0.18      | 21.26      | 30               | PASS    |
| Band4 | 3               | 19965      | 15      | #0          | QAM16      | 21.29       | 0.18      | 21.47      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | QPSK       | 23.23       | 0.18      | 23.41      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Mid        | QPSK       | 23.34       | 0.18      | 23.52      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Max        | QPSK       | 23.22       | 0.18      | 23.40      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #0          | QPSK       | 22.07       | 0.18      | 22.25      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #Mid        | QPSK       | 22.11       | 0.18      | 22.29      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #Max        | QPSK       | 22.04       | 0.18      | 22.22      | 30               | PASS    |
| Band4 | 3               | 20175      | 15      | #0          | QPSK       | 22.08       | 0.18      | 22.26      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #0          | QAM16      | 22.36       | 0.18      | 22.54      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Mid        | QAM16      | 22.19       | 0.18      | 22.37      | 30               | PASS    |
| Band4 | 3               | 20175      | 1       | #Max        | QAM16      | 22.22       | 0.18      | 22.40      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #0          | QAM16      | 21.31       | 0.18      | 21.49      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #Mid        | QAM16      | 21.34       | 0.18      | 21.52      | 30               | PASS    |
| Band4 | 3               | 20175      | 8       | #Max        | QAM16      | 21.33       | 0.18      | 21.51      | 30               | PASS    |
| Band4 | 3               | 20175      | 15      | #0          | QAM16      | 21.27       | 0.18      | 21.45      | 30               | PASS    |
| Band4 | 3               | 20385      | 1       | #0          | QPSK       | 23.19       | 0.18      | 23.37      | 30               | PASS    |
| Band4 | 3               | 20385      | 1       | #Mid        | QPSK       | 23.21       | 0.18      | 23.39      | 30               | PASS    |
| Band4 | 3               | 20385      | 1       | #Max        | QPSK       | 23.23       | 0.18      | 23.41      | 30               | PASS    |
| Band4 | 3               | 20385      | 8       | #0          | QPSK       | 22.14       | 0.18      | 22.32      | 30               | PASS    |
| Band4 | 3               | 20385      | 8       | #Mid        | QPSK       | 22.12       | 0.18      | 22.30      | 30               | PASS    |

|       |    |       |    |      |       |       |      |       |    |      |
|-------|----|-------|----|------|-------|-------|------|-------|----|------|
| Band4 | 3  | 20385 | 8  | #Max | QPSK  | 22.13 | 0.18 | 22.31 | 30 | PASS |
| Band4 | 3  | 20385 | 15 | #0   | QPSK  | 22.19 | 0.18 | 22.37 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #0   | QAM16 | 21.88 | 0.18 | 22.06 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #Mid | QAM16 | 21.89 | 0.18 | 22.07 | 30 | PASS |
| Band4 | 3  | 20385 | 1  | #Max | QAM16 | 21.90 | 0.18 | 22.08 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #0   | QAM16 | 21.36 | 0.18 | 21.54 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #Mid | QAM16 | 21.41 | 0.18 | 21.59 | 30 | PASS |
| Band4 | 3  | 20385 | 8  | #Max | QAM16 | 21.42 | 0.18 | 21.60 | 30 | PASS |
| Band4 | 3  | 20385 | 15 | #0   | QAM16 | 21.26 | 0.18 | 21.44 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | QPSK  | 22.93 | 0.18 | 23.11 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | QPSK  | 22.96 | 0.18 | 23.14 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | QPSK  | 22.98 | 0.18 | 23.16 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | QPSK  | 22.11 | 0.18 | 22.29 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Mid | QPSK  | 22.09 | 0.18 | 22.27 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | QPSK  | 22.13 | 0.18 | 22.31 | 30 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | QPSK  | 22.12 | 0.18 | 22.30 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #0   | QAM16 | 22.32 | 0.18 | 22.50 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Mid | QAM16 | 22.25 | 0.18 | 22.43 | 30 | PASS |
| Band4 | 5  | 19975 | 1  | #Max | QAM16 | 22.38 | 0.18 | 22.56 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #0   | QAM16 | 21.13 | 0.18 | 21.31 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Mid | QAM16 | 21.12 | 0.18 | 21.30 | 30 | PASS |
| Band4 | 5  | 19975 | 12 | #Max | QAM16 | 21.14 | 0.18 | 21.32 | 30 | PASS |
| Band4 | 5  | 19975 | 25 | #0   | QAM16 | 21.26 | 0.18 | 21.44 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | QPSK  | 23.17 | 0.18 | 23.35 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | QPSK  | 23.16 | 0.18 | 23.34 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | QPSK  | 23.15 | 0.18 | 23.33 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | QPSK  | 22.20 | 0.18 | 22.38 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Mid | QPSK  | 22.22 | 0.18 | 22.40 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | QPSK  | 22.18 | 0.18 | 22.36 | 30 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | QPSK  | 22.12 | 0.18 | 22.30 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #0   | QAM16 | 22.27 | 0.18 | 22.45 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Mid | QAM16 | 22.22 | 0.18 | 22.40 | 30 | PASS |
| Band4 | 5  | 20175 | 1  | #Max | QAM16 | 22.31 | 0.18 | 22.49 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #0   | QAM16 | 21.13 | 0.18 | 21.31 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Mid | QAM16 | 21.09 | 0.18 | 21.27 | 30 | PASS |
| Band4 | 5  | 20175 | 12 | #Max | QAM16 | 21.09 | 0.18 | 21.27 | 30 | PASS |
| Band4 | 5  | 20175 | 25 | #0   | QAM16 | 21.25 | 0.18 | 21.43 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | QPSK  | 22.88 | 0.18 | 23.06 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | QPSK  | 22.84 | 0.18 | 23.02 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | QPSK  | 22.98 | 0.18 | 23.16 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | QPSK  | 22.10 | 0.18 | 22.28 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Mid | QPSK  | 22.10 | 0.18 | 22.28 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | QPSK  | 22.19 | 0.18 | 22.37 | 30 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | QPSK  | 22.18 | 0.18 | 22.36 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #0   | QAM16 | 22.78 | 0.18 | 22.96 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Mid | QAM16 | 22.76 | 0.18 | 22.94 | 30 | PASS |
| Band4 | 5  | 20375 | 1  | #Max | QAM16 | 22.74 | 0.18 | 22.92 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #0   | QAM16 | 21.22 | 0.18 | 21.40 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Mid | QAM16 | 21.26 | 0.18 | 21.44 | 30 | PASS |
| Band4 | 5  | 20375 | 12 | #Max | QAM16 | 21.16 | 0.18 | 21.34 | 30 | PASS |
| Band4 | 5  | 20375 | 25 | #0   | QAM16 | 21.45 | 0.18 | 21.63 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QPSK  | 23.11 | 0.18 | 23.29 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QPSK  | 23.01 | 0.18 | 23.19 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QPSK  | 23.19 | 0.18 | 23.37 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QPSK  | 22.09 | 0.18 | 22.27 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | QPSK  | 22.14 | 0.18 | 22.32 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QPSK  | 22.19 | 0.18 | 22.37 | 30 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QPSK  | 22.24 | 0.18 | 22.42 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #0   | QAM16 | 23.37 | 0.18 | 23.55 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Mid | QAM16 | 23.28 | 0.18 | 23.46 | 30 | PASS |
| Band4 | 10 | 20000 | 1  | #Max | QAM16 | 23.42 | 0.18 | 23.60 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #0   | QAM16 | 21.10 | 0.18 | 21.28 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Mid | QAM16 | 21.15 | 0.18 | 21.33 | 30 | PASS |
| Band4 | 10 | 20000 | 25 | #Max | QAM16 | 21.24 | 0.18 | 21.42 | 30 | PASS |
| Band4 | 10 | 20000 | 50 | #0   | QAM16 | 21.26 | 0.18 | 21.44 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QPSK  | 23.04 | 0.18 | 23.22 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QPSK  | 23.05 | 0.18 | 23.23 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QPSK  | 23.07 | 0.18 | 23.25 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QPSK  | 22.11 | 0.18 | 22.29 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | QPSK  | 22.22 | 0.18 | 22.40 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Max | QPSK  | 22.23 | 0.18 | 22.41 | 30 | PASS |
| Band4 | 10 | 20175 | 50 | #0   | QPSK  | 22.19 | 0.18 | 22.37 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #0   | QAM16 | 23.04 | 0.18 | 23.22 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Mid | QAM16 | 22.87 | 0.18 | 23.05 | 30 | PASS |
| Band4 | 10 | 20175 | 1  | #Max | QAM16 | 22.99 | 0.18 | 23.17 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #0   | QAM16 | 21.29 | 0.18 | 21.47 | 30 | PASS |
| Band4 | 10 | 20175 | 25 | #Mid | QAM16 | 21.31 | 0.18 | 21.49 | 30 | PASS |

|       |    |       |     |      |       |       |      |       |    |      |
|-------|----|-------|-----|------|-------|-------|------|-------|----|------|
| Band4 | 10 | 20175 | 25  | #Max | QAM16 | 21.33 | 0.18 | 21.51 | 30 | PASS |
| Band4 | 10 | 20175 | 50  | #0   | QAM16 | 21.31 | 0.18 | 21.49 | 30 | PASS |
| Band4 | 10 | 20350 | 1   | #0   | QPSK  | 23.05 | 0.18 | 23.23 | 30 | PASS |
| Band4 | 10 | 20350 | 1   | #Mid | QPSK  | 23.11 | 0.18 | 23.29 | 30 | PASS |
| Band4 | 10 | 20350 | 1   | #Max | QPSK  | 23.15 | 0.18 | 23.33 | 30 | PASS |
| Band4 | 10 | 20350 | 25  | #0   | QPSK  | 22.17 | 0.18 | 22.35 | 30 | PASS |
| Band4 | 10 | 20350 | 25  | #Mid | QPSK  | 22.05 | 0.18 | 22.23 | 30 | PASS |
| Band4 | 10 | 20350 | 25  | #Max | QPSK  | 22.11 | 0.18 | 22.29 | 30 | PASS |
| Band4 | 10 | 20350 | 50  | #0   | QPSK  | 22.18 | 0.18 | 22.36 | 30 | PASS |
| Band4 | 10 | 20350 | 1   | #0   | QAM16 | 23.13 | 0.18 | 23.31 | 30 | PASS |
| Band4 | 10 | 20350 | 1   | #Mid | QAM16 | 23.17 | 0.18 | 23.35 | 30 | PASS |
| Band4 | 10 | 20350 | 1   | #Max | QAM16 | 23.25 | 0.18 | 23.43 | 30 | PASS |
| Band4 | 10 | 20350 | 25  | #0   | QAM16 | 21.30 | 0.18 | 21.48 | 30 | PASS |
| Band4 | 10 | 20350 | 25  | #Mid | QAM16 | 21.33 | 0.18 | 21.51 | 30 | PASS |
| Band4 | 10 | 20350 | 25  | #Max | QAM16 | 21.33 | 0.18 | 21.51 | 30 | PASS |
| Band4 | 10 | 20350 | 50  | #0   | QAM16 | 21.22 | 0.18 | 21.40 | 30 | PASS |
| Band4 | 15 | 20025 | 1   | #0   | QPSK  | 23.06 | 0.18 | 23.24 | 30 | PASS |
| Band4 | 15 | 20025 | 1   | #Mid | QPSK  | 23.02 | 0.18 | 23.20 | 30 | PASS |
| Band4 | 15 | 20025 | 1   | #Max | QPSK  | 23.09 | 0.18 | 23.27 | 30 | PASS |
| Band4 | 15 | 20025 | 36  | #0   | QPSK  | 22.12 | 0.18 | 22.30 | 30 | PASS |
| Band4 | 15 | 20025 | 36  | #Mid | QPSK  | 22.21 | 0.18 | 22.39 | 30 | PASS |
| Band4 | 15 | 20025 | 36  | #Max | QPSK  | 22.19 | 0.18 | 22.37 | 30 | PASS |
| Band4 | 15 | 20025 | 75  | #0   | QPSK  | 22.10 | 0.18 | 22.28 | 30 | PASS |
| Band4 | 15 | 20025 | 1   | #0   | QAM16 | 23.29 | 0.18 | 23.47 | 30 | PASS |
| Band4 | 15 | 20025 | 1   | #Mid | QAM16 | 23.30 | 0.18 | 23.48 | 30 | PASS |
| Band4 | 15 | 20025 | 1   | #Max | QAM16 | 23.40 | 0.18 | 23.58 | 30 | PASS |
| Band4 | 15 | 20025 | 36  | #0   | QAM16 | 21.30 | 0.18 | 21.48 | 30 | PASS |
| Band4 | 15 | 20025 | 36  | #Mid | QAM16 | 21.35 | 0.18 | 21.53 | 30 | PASS |
| Band4 | 15 | 20025 | 36  | #Max | QAM16 | 21.41 | 0.18 | 21.59 | 30 | PASS |
| Band4 | 15 | 20025 | 75  | #0   | QAM16 | 21.23 | 0.18 | 21.41 | 30 | PASS |
| Band4 | 15 | 20175 | 1   | #0   | QPSK  | 23.11 | 0.18 | 23.29 | 30 | PASS |
| Band4 | 15 | 20175 | 1   | #Mid | QPSK  | 23.07 | 0.18 | 23.25 | 30 | PASS |
| Band4 | 15 | 20175 | 1   | #Max | QPSK  | 23.07 | 0.18 | 23.25 | 30 | PASS |
| Band4 | 15 | 20175 | 36  | #0   | QPSK  | 22.18 | 0.18 | 22.36 | 30 | PASS |
| Band4 | 15 | 20175 | 36  | #Mid | QPSK  | 22.26 | 0.18 | 22.44 | 30 | PASS |
| Band4 | 15 | 20175 | 36  | #Max | QPSK  | 22.19 | 0.18 | 22.37 | 30 | PASS |
| Band4 | 15 | 20175 | 75  | #0   | QPSK  | 22.11 | 0.18 | 22.29 | 30 | PASS |
| Band4 | 15 | 20175 | 1   | #0   | QAM16 | 22.86 | 0.18 | 23.04 | 30 | PASS |
| Band4 | 15 | 20175 | 1   | #Mid | QAM16 | 23.00 | 0.18 | 23.18 | 30 | PASS |
| Band4 | 15 | 20175 | 1   | #Max | QAM16 | 23.03 | 0.18 | 23.21 | 30 | PASS |
| Band4 | 15 | 20175 | 36  | #0   | QAM16 | 21.37 | 0.18 | 21.55 | 30 | PASS |
| Band4 | 15 | 20175 | 36  | #Mid | QAM16 | 21.33 | 0.18 | 21.51 | 30 | PASS |
| Band4 | 15 | 20175 | 36  | #Max | QAM16 | 21.36 | 0.18 | 21.54 | 30 | PASS |
| Band4 | 15 | 20175 | 75  | #0   | QAM16 | 21.26 | 0.18 | 21.44 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #0   | QPSK  | 22.99 | 0.18 | 23.17 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #Mid | QPSK  | 23.01 | 0.18 | 23.19 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #Max | QPSK  | 23.06 | 0.18 | 23.24 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #0   | QPSK  | 22.11 | 0.18 | 22.29 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #Mid | QPSK  | 22.06 | 0.18 | 22.24 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #Max | QPSK  | 22.22 | 0.18 | 22.40 | 30 | PASS |
| Band4 | 15 | 20325 | 75  | #0   | QPSK  | 22.16 | 0.18 | 22.34 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #0   | QAM16 | 23.16 | 0.18 | 23.34 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #Mid | QAM16 | 23.16 | 0.18 | 23.34 | 30 | PASS |
| Band4 | 15 | 20325 | 1   | #Max | QAM16 | 23.26 | 0.18 | 23.44 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #0   | QAM16 | 21.17 | 0.18 | 21.35 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #Mid | QAM16 | 21.17 | 0.18 | 21.35 | 30 | PASS |
| Band4 | 15 | 20325 | 36  | #Max | QAM16 | 21.29 | 0.18 | 21.47 | 30 | PASS |
| Band4 | 15 | 20325 | 75  | #0   | QAM16 | 21.36 | 0.18 | 21.54 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | QPSK  | 23.18 | 0.18 | 23.36 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | QPSK  | 23.15 | 0.18 | 23.33 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | QPSK  | 23.23 | 0.18 | 23.41 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | QPSK  | 22.13 | 0.18 | 22.31 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | QPSK  | 22.18 | 0.18 | 22.36 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QPSK  | 22.20 | 0.18 | 22.38 | 30 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QPSK  | 22.11 | 0.18 | 22.29 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #0   | QAM16 | 22.27 | 0.18 | 22.45 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Mid | QAM16 | 22.25 | 0.18 | 22.43 | 30 | PASS |
| Band4 | 20 | 20050 | 1   | #Max | QAM16 | 22.34 | 0.18 | 22.52 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #0   | QAM16 | 21.29 | 0.18 | 21.47 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Mid | QAM16 | 21.31 | 0.18 | 21.49 | 30 | PASS |
| Band4 | 20 | 20050 | 50  | #Max | QAM16 | 21.43 | 0.18 | 21.61 | 30 | PASS |
| Band4 | 20 | 20050 | 100 | #0   | QAM16 | 21.34 | 0.18 | 21.52 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QPSK  | 23.35 | 0.18 | 23.53 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QPSK  | 23.09 | 0.18 | 23.27 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QPSK  | 23.14 | 0.18 | 23.32 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QPSK  | 22.18 | 0.18 | 22.36 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | QPSK  | 22.16 | 0.18 | 22.34 | 30 | PASS |

|       |    |       |     |      |       |       |      |       |    |      |
|-------|----|-------|-----|------|-------|-------|------|-------|----|------|
| Band4 | 20 | 20175 | 50  | #Max | QPSK  | 22.17 | 0.18 | 22.35 | 30 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | QPSK  | 22.10 | 0.18 | 22.28 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #0   | QAM16 | 22.35 | 0.18 | 22.53 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Mid | QAM16 | 22.33 | 0.18 | 22.51 | 30 | PASS |
| Band4 | 20 | 20175 | 1   | #Max | QAM16 | 22.33 | 0.18 | 22.51 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #0   | QAM16 | 21.33 | 0.18 | 21.51 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Mid | QAM16 | 21.27 | 0.18 | 21.45 | 30 | PASS |
| Band4 | 20 | 20175 | 50  | #Max | QAM16 | 21.27 | 0.18 | 21.45 | 30 | PASS |
| Band4 | 20 | 20175 | 100 | #0   | QAM16 | 21.25 | 0.18 | 21.43 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | QPSK  | 23.19 | 0.18 | 23.37 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | QPSK  | 23.12 | 0.18 | 23.30 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | QPSK  | 23.27 | 0.18 | 23.45 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | QPSK  | 22.07 | 0.18 | 22.25 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | QPSK  | 22.05 | 0.18 | 22.23 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | QPSK  | 22.09 | 0.18 | 22.27 | 30 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | QPSK  | 22.21 | 0.18 | 22.39 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #0   | QAM16 | 22.67 | 0.18 | 22.85 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Mid | QAM16 | 22.66 | 0.18 | 22.84 | 30 | PASS |
| Band4 | 20 | 20300 | 1   | #Max | QAM16 | 22.80 | 0.18 | 22.98 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #0   | QAM16 | 21.35 | 0.18 | 21.53 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Mid | QAM16 | 21.34 | 0.18 | 21.52 | 30 | PASS |
| Band4 | 20 | 20300 | 50  | #Max | QAM16 | 21.36 | 0.18 | 21.54 | 30 | PASS |
| Band4 | 20 | 20300 | 100 | #0   | QAM16 | 21.31 | 0.18 | 21.49 | 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       | 23.47       | 0.11      | 21.43     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Mid        | QPSK       | 23.50       | 0.11      | 21.46     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Max        | QPSK       | 23.51       | 0.11      | 21.47     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #0          | QPSK       | 23.40       | 0.11      | 21.36     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Mid        | QPSK       | 23.48       | 0.11      | 21.44     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Max        | QPSK       | 23.36       | 0.11      | 21.32     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 6       | #0          | QPSK       | 22.36       | 0.11      | 20.32     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #0          | QAM16      | 23.48       | 0.11      | 21.44     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Mid        | QAM16      | 23.68       | 0.11      | 21.64     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 1       | #Max        | QAM16      | 23.50       | 0.11      | 21.46     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #0          | QAM16      | 22.67       | 0.11      | 20.63     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Mid        | QAM16      | 22.58       | 0.11      | 20.54     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 3       | #Max        | QAM16      | 22.73       | 0.11      | 20.69     | 38.45           | PASS    |
| Band5 | 1.4             | 20407      | 6       | #0          | QAM16      | 21.49       | 0.11      | 19.45     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #0          | QPSK       | 23.38       | 0.11      | 21.34     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Mid        | QPSK       | 23.49       | 0.11      | 21.45     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Max        | QPSK       | 23.52       | 0.11      | 21.48     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #0          | QPSK       | 23.50       | 0.11      | 21.46     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Mid        | QPSK       | 23.37       | 0.11      | 21.33     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Max        | QPSK       | 23.42       | 0.11      | 21.38     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 6       | #0          | QPSK       | 22.37       | 0.11      | 20.33     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #0          | QAM16      | 23.08       | 0.11      | 21.04     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Mid        | QAM16      | 23.10       | 0.11      | 21.06     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 1       | #Max        | QAM16      | 23.10       | 0.11      | 21.06     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #0          | QAM16      | 22.39       | 0.11      | 20.35     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Mid        | QAM16      | 22.44       | 0.11      | 20.40     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 3       | #Max        | QAM16      | 22.43       | 0.11      | 20.39     | 38.45           | PASS    |
| Band5 | 1.4             | 20525      | 6       | #0          | QAM16      | 21.38       | 0.11      | 19.34     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #0          | QPSK       | 23.22       | 0.11      | 21.18     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Mid        | QPSK       | 23.21       | 0.11      | 21.17     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Max        | QPSK       | 23.26       | 0.11      | 21.22     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #0          | QPSK       | 23.12       | 0.11      | 21.08     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Mid        | QPSK       | 23.20       | 0.11      | 21.16     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Max        | QPSK       | 23.19       | 0.11      | 21.15     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 6       | #0          | QPSK       | 21.93       | 0.11      | 19.89     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #0          | QAM16      | 22.29       | 0.11      | 20.25     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Mid        | QAM16      | 22.39       | 0.11      | 20.35     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 1       | #Max        | QAM16      | 22.32       | 0.11      | 20.28     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #0          | QAM16      | 22.03       | 0.11      | 19.99     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Mid        | QAM16      | 22.10       | 0.11      | 20.06     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 3       | #Max        | QAM16      | 22.11       | 0.11      | 20.07     | 38.45           | PASS    |
| Band5 | 1.4             | 20643      | 6       | #0          | QAM16      | 21.23       | 0.11      | 19.19     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #0          | QPSK       | 23.44       | 0.11      | 21.40     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Mid        | QPSK       | 23.36       | 0.11      | 21.32     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Max        | QPSK       | 23.47       | 0.11      | 21.43     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #0          | QPSK       | 22.38       | 0.11      | 20.34     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Mid        | QPSK       | 22.39       | 0.11      | 20.35     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Max        | QPSK       | 22.47       | 0.11      | 20.43     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 15      | #0          | QPSK       | 22.33       | 0.11      | 20.29     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #0          | QAM16      | 23.36       | 0.11      | 21.32     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Mid        | QAM16      | 23.46       | 0.11      | 21.42     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 1       | #Max        | QAM16      | 23.59       | 0.11      | 21.55     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #0          | QAM16      | 21.24       | 0.11      | 19.20     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Mid        | QAM16      | 21.22       | 0.11      | 19.18     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 8       | #Max        | QAM16      | 21.43       | 0.11      | 19.39     | 38.45           | PASS    |
| Band5 | 3               | 20415      | 15      | #0          | QAM16      | 21.50       | 0.11      | 19.46     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #0          | QPSK       | 23.47       | 0.11      | 21.43     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Mid        | QPSK       | 23.51       | 0.11      | 21.47     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Max        | QPSK       | 23.49       | 0.11      | 21.45     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #0          | QPSK       | 22.46       | 0.11      | 20.42     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #Mid        | QPSK       | 22.18       | 0.11      | 20.14     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #Max        | QPSK       | 22.32       | 0.11      | 20.28     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 15      | #0          | QPSK       | 22.42       | 0.11      | 20.38     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #0          | QAM16      | 22.45       | 0.11      | 20.41     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Mid        | QAM16      | 22.36       | 0.11      | 20.32     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 1       | #Max        | QAM16      | 22.37       | 0.11      | 20.33     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #0          | QAM16      | 21.49       | 0.11      | 19.45     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #Mid        | QAM16      | 21.46       | 0.11      | 19.42     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 8       | #Max        | QAM16      | 21.35       | 0.11      | 19.31     | 38.45           | PASS    |
| Band5 | 3               | 20525      | 15      | #0          | QAM16      | 21.37       | 0.11      | 19.33     | 38.45           | PASS    |
| Band5 | 3               | 20635      | 1       | #0          | QPSK       | 23.21       | 0.11      | 21.17     | 38.45           | PASS    |
| Band5 | 3               | 20635      | 1       | #Mid        | QPSK       | 23.21       | 0.11      | 21.17     | 38.45           | PASS    |
| Band5 | 3               | 20635      | 1       | #Max        | QPSK       | 23.23       | 0.11      | 21.19     | 38.45           | PASS    |
| Band5 | 3               | 20635      | 8       | #0          | QPSK       | 22.07       | 0.11      | 20.03     | 38.45           | PASS    |
| Band5 | 3               | 20635      | 8       | #Mid        | QPSK       | 22.17       | 0.11      | 20.13     | 38.45           | PASS    |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band5 | 3  | 20635 | 8  | #Max | QPSK  | 22.23 | 0.11 | 20.19 | 38.45 | PASS |
| Band5 | 3  | 20635 | 15 | #0   | QPSK  | 22.09 | 0.11 | 20.05 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #0   | QAM16 | 22.25 | 0.11 | 20.21 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #Mid | QAM16 | 22.28 | 0.11 | 20.24 | 38.45 | PASS |
| Band5 | 3  | 20635 | 1  | #Max | QAM16 | 22.34 | 0.11 | 20.30 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #0   | QAM16 | 21.19 | 0.11 | 19.15 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #Mid | QAM16 | 21.11 | 0.11 | 19.07 | 38.45 | PASS |
| Band5 | 3  | 20635 | 8  | #Max | QAM16 | 21.30 | 0.11 | 19.26 | 38.45 | PASS |
| Band5 | 3  | 20635 | 15 | #0   | QAM16 | 21.22 | 0.11 | 19.18 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #0   | QPSK  | 23.37 | 0.11 | 21.33 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Mid | QPSK  | 23.37 | 0.11 | 21.33 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Max | QPSK  | 23.38 | 0.11 | 21.34 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #0   | QPSK  | 22.38 | 0.11 | 20.34 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Mid | QPSK  | 22.45 | 0.11 | 20.41 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Max | QPSK  | 22.44 | 0.11 | 20.40 | 38.45 | PASS |
| Band5 | 5  | 20425 | 25 | #0   | QPSK  | 22.55 | 0.11 | 20.51 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #0   | QAM16 | 22.55 | 0.11 | 20.51 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Mid | QAM16 | 22.63 | 0.11 | 20.59 | 38.45 | PASS |
| Band5 | 5  | 20425 | 1  | #Max | QAM16 | 22.63 | 0.11 | 20.59 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #0   | QAM16 | 21.33 | 0.11 | 19.29 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Mid | QAM16 | 21.46 | 0.11 | 19.42 | 38.45 | PASS |
| Band5 | 5  | 20425 | 12 | #Max | QAM16 | 21.50 | 0.11 | 19.46 | 38.45 | PASS |
| Band5 | 5  | 20425 | 25 | #0   | QAM16 | 21.58 | 0.11 | 19.54 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #0   | QPSK  | 23.39 | 0.11 | 21.35 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Mid | QPSK  | 23.39 | 0.11 | 21.35 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Max | QPSK  | 23.34 | 0.11 | 21.30 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #0   | QPSK  | 22.43 | 0.11 | 20.39 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Mid | QPSK  | 22.40 | 0.11 | 20.36 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Max | QPSK  | 22.35 | 0.11 | 20.31 | 38.45 | PASS |
| Band5 | 5  | 20525 | 25 | #0   | QPSK  | 22.34 | 0.11 | 20.30 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #0   | QAM16 | 22.56 | 0.11 | 20.52 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Mid | QAM16 | 22.45 | 0.11 | 20.41 | 38.45 | PASS |
| Band5 | 5  | 20525 | 1  | #Max | QAM16 | 22.29 | 0.11 | 20.25 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #0   | QAM16 | 21.32 | 0.11 | 19.28 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Mid | QAM16 | 21.26 | 0.11 | 19.22 | 38.45 | PASS |
| Band5 | 5  | 20525 | 12 | #Max | QAM16 | 21.16 | 0.11 | 19.12 | 38.45 | PASS |
| Band5 | 5  | 20525 | 25 | #0   | QAM16 | 21.38 | 0.11 | 19.34 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #0   | QPSK  | 23.02 | 0.11 | 20.98 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Mid | QPSK  | 22.95 | 0.11 | 20.91 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Max | QPSK  | 23.02 | 0.11 | 20.98 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #0   | QPSK  | 22.23 | 0.11 | 20.19 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Mid | QPSK  | 22.09 | 0.11 | 20.05 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Max | QPSK  | 22.09 | 0.11 | 20.05 | 38.45 | PASS |
| Band5 | 5  | 20625 | 25 | #0   | QPSK  | 22.22 | 0.11 | 20.18 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #0   | QAM16 | 22.83 | 0.11 | 20.79 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Mid | QAM16 | 22.70 | 0.11 | 20.66 | 38.45 | PASS |
| Band5 | 5  | 20625 | 1  | #Max | QAM16 | 22.91 | 0.11 | 20.87 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #0   | QAM16 | 20.99 | 0.11 | 18.95 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Mid | QAM16 | 21.14 | 0.11 | 19.10 | 38.45 | PASS |
| Band5 | 5  | 20625 | 12 | #Max | QAM16 | 21.10 | 0.11 | 19.06 | 38.45 | PASS |
| Band5 | 5  | 20625 | 25 | #0   | QAM16 | 21.30 | 0.11 | 19.26 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | QPSK  | 23.33 | 0.11 | 21.29 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | QPSK  | 23.32 | 0.11 | 21.28 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | QPSK  | 23.31 | 0.11 | 21.27 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | QPSK  | 22.51 | 0.11 | 20.47 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Mid | QPSK  | 22.52 | 0.11 | 20.48 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | QPSK  | 22.41 | 0.11 | 20.37 | 38.45 | PASS |
| Band5 | 10 | 20450 | 50 | #0   | QPSK  | 22.49 | 0.11 | 20.45 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #0   | QAM16 | 23.39 | 0.11 | 21.35 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Mid | QAM16 | 23.36 | 0.11 | 21.32 | 38.45 | PASS |
| Band5 | 10 | 20450 | 1  | #Max | QAM16 | 23.74 | 0.11 | 21.70 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #0   | QAM16 | 21.53 | 0.11 | 19.49 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Mid | QAM16 | 21.59 | 0.11 | 19.55 | 38.45 | PASS |
| Band5 | 10 | 20450 | 25 | #Max | QAM16 | 21.49 | 0.11 | 19.45 | 38.45 | PASS |
| Band5 | 10 | 20450 | 50 | #0   | QAM16 | 21.55 | 0.11 | 19.51 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | QPSK  | 23.42 | 0.11 | 21.38 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | QPSK  | 23.34 | 0.11 | 21.30 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | QPSK  | 23.24 | 0.11 | 21.20 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | QPSK  | 22.43 | 0.11 | 20.39 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Mid | QPSK  | 22.34 | 0.11 | 20.30 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Max | QPSK  | 22.38 | 0.11 | 20.34 | 38.45 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | QPSK  | 22.42 | 0.11 | 20.38 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #0   | QAM16 | 23.17 | 0.11 | 21.13 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Mid | QAM16 | 23.07 | 0.11 | 21.03 | 38.45 | PASS |
| Band5 | 10 | 20525 | 1  | #Max | QAM16 | 23.00 | 0.11 | 20.96 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #0   | QAM16 | 21.60 | 0.11 | 19.56 | 38.45 | PASS |
| Band5 | 10 | 20525 | 25 | #Mid | QAM16 | 21.47 | 0.11 | 19.43 | 38.45 | PASS |

|       |    |       |    |      |       |       |      |       |       |      |
|-------|----|-------|----|------|-------|-------|------|-------|-------|------|
| Band5 | 10 | 20525 | 25 | #Max | QAM16 | 21.35 | 0.11 | 19.31 | 38.45 | PASS |
| Band5 | 10 | 20525 | 50 | #0   | QAM16 | 21.43 | 0.11 | 19.39 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | QPSK  | 23.29 | 0.11 | 21.25 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | QPSK  | 23.09 | 0.11 | 21.05 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | QPSK  | 23.22 | 0.11 | 21.18 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | QPSK  | 22.33 | 0.11 | 20.29 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Mid | QPSK  | 22.30 | 0.11 | 20.26 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | QPSK  | 22.18 | 0.11 | 20.14 | 38.45 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | QPSK  | 22.22 | 0.11 | 20.18 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #0   | QAM16 | 22.67 | 0.11 | 20.63 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Mid | QAM16 | 22.57 | 0.11 | 20.53 | 38.45 | PASS |
| Band5 | 10 | 20600 | 1  | #Max | QAM16 | 22.56 | 0.11 | 20.52 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #0   | QAM16 | 21.31 | 0.11 | 19.27 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Mid | QAM16 | 21.34 | 0.11 | 19.30 | 38.45 | PASS |
| Band5 | 10 | 20600 | 25 | #Max | QAM16 | 21.27 | 0.11 | 19.23 | 38.45 | PASS |
| Band5 | 10 | 20600 | 50 | #0   | QAM16 | 21.18 | 0.11 | 19.14 | 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       | 22.29       | 0.24      | 22.53      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Mid        | QPSK       | 22.18       | 0.24      | 22.42      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Max        | QPSK       | 22.30       | 0.24      | 22.54      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #0          | QPSK       | 21.43       | 0.24      | 21.67      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Mid        | QPSK       | 21.44       | 0.24      | 21.68      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Max        | QPSK       | 21.30       | 0.24      | 21.54      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | QPSK       | 21.42       | 0.24      | 21.66      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #0          | QAM16      | 21.21       | 0.24      | 21.45      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Mid        | QAM16      | 21.10       | 0.24      | 21.34      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 1       | #Max        | QAM16      | 21.13       | 0.24      | 21.37      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #0          | QAM16      | 20.40       | 0.24      | 20.64      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Mid        | QAM16      | 20.35       | 0.24      | 20.59      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 12      | #Max        | QAM16      | 20.45       | 0.24      | 20.69      | 33.01            | PASS    |
| Band7 | 5               | 20775      | 25      | #0          | QAM16      | 20.53       | 0.24      | 20.77      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #0          | QPSK       | 22.41       | 0.24      | 22.65      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Mid        | QPSK       | 22.35       | 0.24      | 22.59      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Max        | QPSK       | 22.47       | 0.24      | 22.71      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #0          | QPSK       | 21.49       | 0.24      | 21.73      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Mid        | QPSK       | 21.53       | 0.24      | 21.77      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Max        | QPSK       | 21.43       | 0.24      | 21.67      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | QPSK       | 21.55       | 0.24      | 21.79      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #0          | QAM16      | 21.60       | 0.24      | 21.84      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Mid        | QAM16      | 21.60       | 0.24      | 21.84      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 1       | #Max        | QAM16      | 21.60       | 0.24      | 21.84      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #0          | QAM16      | 20.65       | 0.24      | 20.89      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Mid        | QAM16      | 20.61       | 0.24      | 20.85      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 12      | #Max        | QAM16      | 20.66       | 0.24      | 20.90      | 33.01            | PASS    |
| Band7 | 5               | 21100      | 25      | #0          | QAM16      | 20.60       | 0.24      | 20.84      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #0          | QPSK       | 22.38       | 0.24      | 22.62      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Mid        | QPSK       | 22.43       | 0.24      | 22.67      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Max        | QPSK       | 22.44       | 0.24      | 22.68      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #0          | QPSK       | 21.58       | 0.24      | 21.82      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Mid        | QPSK       | 21.49       | 0.24      | 21.73      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Max        | QPSK       | 21.46       | 0.24      | 21.70      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QPSK       | 21.52       | 0.24      | 21.76      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #0          | QAM16      | 21.59       | 0.24      | 21.83      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Mid        | QAM16      | 21.59       | 0.24      | 21.83      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 1       | #Max        | QAM16      | 21.66       | 0.24      | 21.90      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #0          | QAM16      | 20.53       | 0.24      | 20.77      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Mid        | QAM16      | 20.46       | 0.24      | 20.70      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 12      | #Max        | QAM16      | 20.49       | 0.24      | 20.73      | 33.01            | PASS    |
| Band7 | 5               | 21425      | 25      | #0          | QAM16      | 20.76       | 0.24      | 21.00      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #0          | QPSK       | 22.29       | 0.24      | 22.53      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Mid        | QPSK       | 22.30       | 0.24      | 22.54      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Max        | QPSK       | 22.31       | 0.24      | 22.55      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #0          | QPSK       | 21.39       | 0.24      | 21.63      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Mid        | QPSK       | 21.35       | 0.24      | 21.59      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Max        | QPSK       | 21.43       | 0.24      | 21.67      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QPSK       | 21.39       | 0.24      | 21.63      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #0          | QAM16      | 22.66       | 0.24      | 22.90      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Mid        | QAM16      | 22.62       | 0.24      | 22.86      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 1       | #Max        | QAM16      | 22.60       | 0.24      | 22.84      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #0          | QAM16      | 20.40       | 0.24      | 20.64      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Mid        | QAM16      | 20.49       | 0.24      | 20.73      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 25      | #Max        | QAM16      | 20.45       | 0.24      | 20.69      | 33.01            | PASS    |
| Band7 | 10              | 20800      | 50      | #0          | QAM16      | 20.37       | 0.24      | 20.61      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QPSK       | 22.55       | 0.24      | 22.79      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Mid        | QPSK       | 22.58       | 0.24      | 22.82      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Max        | QPSK       | 22.56       | 0.24      | 22.80      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #0          | QPSK       | 21.56       | 0.24      | 21.80      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #Mid        | QPSK       | 21.44       | 0.24      | 21.68      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #Max        | QPSK       | 21.56       | 0.24      | 21.80      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QPSK       | 21.48       | 0.24      | 21.72      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #0          | QAM16      | 21.56       | 0.24      | 21.80      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Mid        | QAM16      | 21.59       | 0.24      | 21.83      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 1       | #Max        | QAM16      | 21.62       | 0.24      | 21.86      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #0          | QAM16      | 20.63       | 0.24      | 20.87      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #Mid        | QAM16      | 20.73       | 0.24      | 20.97      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 25      | #Max        | QAM16      | 20.68       | 0.24      | 20.92      | 33.01            | PASS    |
| Band7 | 10              | 21100      | 50      | #0          | QAM16      | 20.75       | 0.24      | 20.99      | 33.01            | PASS    |
| Band7 | 10              | 21400      | 1       | #0          | QPSK       | 22.33       | 0.24      | 22.57      | 33.01            | PASS    |
| Band7 | 10              | 21400      | 1       | #Mid        | QPSK       | 22.43       | 0.24      | 22.67      | 33.01            | PASS    |
| Band7 | 10              | 21400      | 1       | #Max        | QPSK       | 22.54       | 0.24      | 22.78      | 33.01            | PASS    |
| Band7 | 10              | 21400      | 25      | #0          | QPSK       | 21.37       | 0.24      | 21.61      | 33.01            | PASS    |
| Band7 | 10              | 21400      | 25      | #Mid        | QPSK       | 21.39       | 0.24      | 21.63      | 33.01            | PASS    |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band7 | 10 | 21400 | 25  | #Max | QPSK  | 21.50 | 0.24 | 21.74 | 33.01 | PASS |
| Band7 | 10 | 21400 | 50  | #0   | QPSK  | 21.42 | 0.24 | 21.66 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #0   | QAM16 | 21.63 | 0.24 | 21.87 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #Mid | QAM16 | 21.56 | 0.24 | 21.80 | 33.01 | PASS |
| Band7 | 10 | 21400 | 1   | #Max | QAM16 | 21.64 | 0.24 | 21.88 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #0   | QAM16 | 20.62 | 0.24 | 20.86 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #Mid | QAM16 | 20.66 | 0.24 | 20.90 | 33.01 | PASS |
| Band7 | 10 | 21400 | 25  | #Max | QAM16 | 20.71 | 0.24 | 20.95 | 33.01 | PASS |
| Band7 | 10 | 21400 | 50  | #0   | QAM16 | 20.54 | 0.24 | 20.78 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #0   | QPSK  | 22.29 | 0.24 | 22.53 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Mid | QPSK  | 22.21 | 0.24 | 22.45 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Max | QPSK  | 22.25 | 0.24 | 22.49 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #0   | QPSK  | 21.51 | 0.24 | 21.75 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Mid | QPSK  | 21.27 | 0.24 | 21.51 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Max | QPSK  | 21.29 | 0.24 | 21.53 | 33.01 | PASS |
| Band7 | 15 | 20825 | 75  | #0   | QPSK  | 21.31 | 0.24 | 21.55 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #0   | QAM16 | 22.55 | 0.24 | 22.79 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Mid | QAM16 | 22.59 | 0.24 | 22.83 | 33.01 | PASS |
| Band7 | 15 | 20825 | 1   | #Max | QAM16 | 22.61 | 0.24 | 22.85 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #0   | QAM16 | 20.64 | 0.24 | 20.88 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Mid | QAM16 | 20.67 | 0.24 | 20.91 | 33.01 | PASS |
| Band7 | 15 | 20825 | 36  | #Max | QAM16 | 20.59 | 0.24 | 20.83 | 33.01 | PASS |
| Band7 | 15 | 20825 | 75  | #0   | QAM16 | 20.55 | 0.24 | 20.79 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #0   | QPSK  | 22.42 | 0.24 | 22.66 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Mid | QPSK  | 22.48 | 0.24 | 22.72 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Max | QPSK  | 22.53 | 0.24 | 22.77 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #0   | QPSK  | 21.48 | 0.24 | 21.72 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Mid | QPSK  | 21.52 | 0.24 | 21.76 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Max | QPSK  | 21.59 | 0.24 | 21.83 | 33.01 | PASS |
| Band7 | 15 | 21100 | 75  | #0   | QPSK  | 21.48 | 0.24 | 21.72 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #0   | QAM16 | 21.52 | 0.24 | 21.76 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Mid | QAM16 | 21.63 | 0.24 | 21.87 | 33.01 | PASS |
| Band7 | 15 | 21100 | 1   | #Max | QAM16 | 21.65 | 0.24 | 21.89 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #0   | QAM16 | 20.82 | 0.24 | 21.06 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Mid | QAM16 | 20.82 | 0.24 | 21.06 | 33.01 | PASS |
| Band7 | 15 | 21100 | 36  | #Max | QAM16 | 20.76 | 0.24 | 21.00 | 33.01 | PASS |
| Band7 | 15 | 21100 | 75  | #0   | QAM16 | 20.64 | 0.24 | 20.88 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #0   | QPSK  | 22.37 | 0.24 | 22.61 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Mid | QPSK  | 22.35 | 0.24 | 22.59 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Max | QPSK  | 22.54 | 0.24 | 22.78 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #0   | QPSK  | 21.53 | 0.24 | 21.77 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Mid | QPSK  | 21.47 | 0.24 | 21.71 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Max | QPSK  | 21.47 | 0.24 | 21.71 | 33.01 | PASS |
| Band7 | 15 | 21375 | 75  | #0   | QPSK  | 21.56 | 0.24 | 21.80 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #0   | QAM16 | 22.29 | 0.24 | 22.53 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Mid | QAM16 | 22.36 | 0.24 | 22.60 | 33.01 | PASS |
| Band7 | 15 | 21375 | 1   | #Max | QAM16 | 22.42 | 0.24 | 22.66 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #0   | QAM16 | 20.59 | 0.24 | 20.83 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Mid | QAM16 | 20.57 | 0.24 | 20.81 | 33.01 | PASS |
| Band7 | 15 | 21375 | 36  | #Max | QAM16 | 20.69 | 0.24 | 20.93 | 33.01 | PASS |
| Band7 | 15 | 21375 | 75  | #0   | QAM16 | 20.69 | 0.24 | 20.93 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #0   | QPSK  | 22.24 | 0.24 | 22.48 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | QPSK  | 22.16 | 0.24 | 22.40 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | QPSK  | 22.22 | 0.24 | 22.46 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | QPSK  | 21.31 | 0.24 | 21.55 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Mid | QPSK  | 21.26 | 0.24 | 21.50 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QPSK  | 21.37 | 0.24 | 21.61 | 33.01 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QPSK  | 21.39 | 0.24 | 21.63 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #0   | QAM16 | 21.67 | 0.24 | 21.91 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Mid | QAM16 | 21.58 | 0.24 | 21.82 | 33.01 | PASS |
| Band7 | 20 | 20850 | 1   | #Max | QAM16 | 21.57 | 0.24 | 21.81 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #0   | QAM16 | 20.56 | 0.24 | 20.80 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Mid | QAM16 | 20.52 | 0.24 | 20.76 | 33.01 | PASS |
| Band7 | 20 | 20850 | 50  | #Max | QAM16 | 20.52 | 0.24 | 20.76 | 33.01 | PASS |
| Band7 | 20 | 20850 | 100 | #0   | QAM16 | 20.52 | 0.24 | 20.76 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QPSK  | 22.81 | 0.24 | 23.05 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | QPSK  | 22.90 | 0.24 | 23.14 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QPSK  | 22.89 | 0.24 | 23.13 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QPSK  | 21.51 | 0.24 | 21.75 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Mid | QPSK  | 21.55 | 0.24 | 21.79 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Max | QPSK  | 21.48 | 0.24 | 21.72 | 33.01 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QPSK  | 21.61 | 0.24 | 21.85 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #0   | QAM16 | 21.55 | 0.24 | 21.79 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Mid | QAM16 | 21.65 | 0.24 | 21.89 | 33.01 | PASS |
| Band7 | 20 | 21100 | 1   | #Max | QAM16 | 21.75 | 0.24 | 21.99 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #0   | QAM16 | 20.64 | 0.24 | 20.88 | 33.01 | PASS |
| Band7 | 20 | 21100 | 50  | #Mid | QAM16 | 20.74 | 0.24 | 20.98 | 33.01 | PASS |

|       |    |       |     |      |       |       |      |       |       |      |
|-------|----|-------|-----|------|-------|-------|------|-------|-------|------|
| Band7 | 20 | 21100 | 50  | #Max | QAM16 | 20.70 | 0.24 | 20.94 | 33.01 | PASS |
| Band7 | 20 | 21100 | 100 | #0   | QAM16 | 20.66 | 0.24 | 20.90 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QPSK  | 22.51 | 0.24 | 22.75 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QPSK  | 22.62 | 0.24 | 22.86 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QPSK  | 22.65 | 0.24 | 22.89 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QPSK  | 21.43 | 0.24 | 21.67 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Mid | QPSK  | 21.51 | 0.24 | 21.75 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QPSK  | 21.50 | 0.24 | 21.74 | 33.01 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QPSK  | 21.41 | 0.24 | 21.65 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #0   | QAM16 | 21.98 | 0.24 | 22.22 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Mid | QAM16 | 21.99 | 0.24 | 22.23 | 33.01 | PASS |
| Band7 | 20 | 21350 | 1   | #Max | QAM16 | 22.10 | 0.24 | 22.34 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #0   | QAM16 | 20.70 | 0.24 | 20.94 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Mid | QAM16 | 20.66 | 0.24 | 20.90 | 33.01 | PASS |
| Band7 | 20 | 21350 | 50  | #Max | QAM16 | 20.75 | 0.24 | 20.99 | 33.01 | PASS |
| Band7 | 20 | 21350 | 100 | #0   | QAM16 | 20.68 | 0.24 | 20.92 | 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       | 23.89       | -0.18     | 21.56     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Mid        | QPSK       | 23.91       | -0.18     | 21.58     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Max        | QPSK       | 23.91       | -0.18     | 21.58     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #0          | QPSK       | 23.83       | -0.18     | 21.50     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Mid        | QPSK       | 23.98       | -0.18     | 21.65     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Max        | QPSK       | 23.97       | -0.18     | 21.64     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | QPSK       | 23.01       | -0.18     | 20.68     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #0          | QAM16      | 24.02       | -0.18     | 21.69     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Mid        | QAM16      | 23.92       | -0.18     | 21.59     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 1       | #Max        | QAM16      | 23.90       | -0.18     | 21.57     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #0          | QAM16      | 23.18       | -0.18     | 20.85     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Mid        | QAM16      | 23.16       | -0.18     | 20.83     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 3       | #Max        | QAM16      | 23.16       | -0.18     | 20.83     | 34.77           | PASS    |
| Band12 | 1.4             | 23017      | 6       | #0          | QAM16      | 22.08       | -0.18     | 19.75     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | QPSK       | 23.90       | -0.18     | 21.57     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Mid        | QPSK       | 23.88       | -0.18     | 21.55     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Max        | QPSK       | 23.85       | -0.18     | 21.52     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #0          | QPSK       | 23.83       | -0.18     | 21.50     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Mid        | QPSK       | 23.77       | -0.18     | 21.44     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Max        | QPSK       | 23.79       | -0.18     | 21.46     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | QPSK       | 22.75       | -0.18     | 20.42     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #0          | QAM16      | 22.79       | -0.18     | 20.46     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Mid        | QAM16      | 22.82       | -0.18     | 20.49     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 1       | #Max        | QAM16      | 22.79       | -0.18     | 20.46     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #0          | QAM16      | 22.77       | -0.18     | 20.44     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Mid        | QAM16      | 22.87       | -0.18     | 20.54     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 3       | #Max        | QAM16      | 22.88       | -0.18     | 20.55     | 34.77           | PASS    |
| Band12 | 1.4             | 23095      | 6       | #0          | QAM16      | 22.02       | -0.18     | 19.69     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | QPSK       | 23.71       | -0.18     | 21.38     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Mid        | QPSK       | 23.80       | -0.18     | 21.47     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Max        | QPSK       | 23.80       | -0.18     | 21.47     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #0          | QPSK       | 23.73       | -0.18     | 21.40     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Mid        | QPSK       | 23.82       | -0.18     | 21.49     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Max        | QPSK       | 23.78       | -0.18     | 21.45     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QPSK       | 22.66       | -0.18     | 20.33     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #0          | QAM16      | 22.70       | -0.18     | 20.37     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Mid        | QAM16      | 22.66       | -0.18     | 20.33     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 1       | #Max        | QAM16      | 22.69       | -0.18     | 20.36     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #0          | QAM16      | 22.55       | -0.18     | 20.22     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Mid        | QAM16      | 22.62       | -0.18     | 20.29     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 3       | #Max        | QAM16      | 22.69       | -0.18     | 20.36     | 34.77           | PASS    |
| Band12 | 1.4             | 23173      | 6       | #0          | QAM16      | 21.66       | -0.18     | 19.33     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | QPSK       | 23.81       | -0.18     | 21.48     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Mid        | QPSK       | 23.77       | -0.18     | 21.44     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Max        | QPSK       | 23.83       | -0.18     | 21.50     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #0          | QPSK       | 22.97       | -0.18     | 20.64     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Mid        | QPSK       | 22.97       | -0.18     | 20.64     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Max        | QPSK       | 23.08       | -0.18     | 20.75     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QPSK       | 22.91       | -0.18     | 20.58     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #0          | QAM16      | 23.81       | -0.18     | 21.48     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Mid        | QAM16      | 23.80       | -0.18     | 21.47     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 1       | #Max        | QAM16      | 23.85       | -0.18     | 21.52     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #0          | QAM16      | 21.90       | -0.18     | 19.57     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Mid        | QAM16      | 21.91       | -0.18     | 19.58     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 8       | #Max        | QAM16      | 21.85       | -0.18     | 19.52     | 34.77           | PASS    |
| Band12 | 3               | 23025      | 15      | #0          | QAM16      | 21.98       | -0.18     | 19.65     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | QPSK       | 23.85       | -0.18     | 21.52     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Mid        | QPSK       | 23.87       | -0.18     | 21.54     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Max        | QPSK       | 23.87       | -0.18     | 21.54     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #0          | QPSK       | 22.69       | -0.18     | 20.36     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #Mid        | QPSK       | 22.95       | -0.18     | 20.62     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #Max        | QPSK       | 22.90       | -0.18     | 20.57     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QPSK       | 22.80       | -0.18     | 20.47     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #0          | QAM16      | 22.84       | -0.18     | 20.51     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Mid        | QAM16      | 22.74       | -0.18     | 20.41     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 1       | #Max        | QAM16      | 22.77       | -0.18     | 20.44     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #0          | QAM16      | 21.81       | -0.18     | 19.48     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #Mid        | QAM16      | 21.93       | -0.18     | 19.60     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 8       | #Max        | QAM16      | 21.90       | -0.18     | 19.57     | 34.77           | PASS    |
| Band12 | 3               | 23095      | 15      | #0          | QAM16      | 21.76       | -0.18     | 19.43     | 34.77           | PASS    |
| Band12 | 3               | 23165      | 1       | #0          | QPSK       | 23.82       | -0.18     | 21.49     | 34.77           | PASS    |
| Band12 | 3               | 23165      | 1       | #Mid        | QPSK       | 23.82       | -0.18     | 21.49     | 34.77           | PASS    |
| Band12 | 3               | 23165      | 1       | #Max        | QPSK       | 23.83       | -0.18     | 21.50     | 34.77           | PASS    |
| Band12 | 3               | 23165      | 8       | #0          | QPSK       | 22.71       | -0.18     | 20.38     | 34.77           | PASS    |
| Band12 | 3               | 23165      | 8       | #Mid        | QPSK       | 22.70       | -0.18     | 20.37     | 34.77           | PASS    |