| | | | | |
|---|---|---|---|---|
| **Prüfbericht-Nr.:** *Test report no.:* | **CN2069HI 003** | **Auftrags-Nr.:** *Order no.:* | **168281747** | Seite 1 von **52** *Page 1 of 52* |
| **Kunden-Referenz-Nr.:** *Client reference no.:* | **N/A** | **Auftragsdatum:** *Order date:* | 2020-09-10 | |
| **Auftraggeber:** *Client:* | Shanghai ChargeDot New Energy Technology Co., Ltd<br>23Floor, No. 19 Building, No. 1515, Gumei Road, Xuhui District,Shanghai | | | |
| **Prüfgegenstand:** *Test item:* | Module: Bluetooth Module<br>Host: Terra AC Wallbox Charging Station | | | |
| **Bezeichnung / Typ-Nr.:** *Identification / Type no.:* | Module: LSD1BT-STSHLZ02<br>Host:Terra AC W7-P8-R-C-0 Terra AC W7-P8-R-D-0 Terra AC W7-P8-R-CD-0<br>Terra AC W7-P8-RD-MD-0 Terra AC W7-P8-RD-MCD-0 | | | |
| **Auftrags-Inhalt:** *Order content:* | Permissive Change report | | | |
| **Prüfgrundlage:** *Test specification:* | CFR47 FCC Part 2: Section 2.1091<br>CFR47 FCC Part 1: Section 1.1310<br>FCC KDB Publication 447498 v06, section 7<br>RSS-102 Issue 5 March 2015 | | | |
| **Wareneingangsdatum:** *Date of sample receipt:* | 2020-09-15 | | | |
| **Prüfmuster-Nr.:** *Test sample no:* | A002892512-001~005 | | | |
| **Prüfzeitraum:** *Testing period:* | 2020-09-15 - 2020-11-09 | | | |
| **Ort der Prüfung:** *Place of testing:* | TÜV Rheinland (Shenzhen) Co., Ltd. | | | |
| **Prüflaboratorium:** *Testing laboratory:* | TÜV Rheinland (Shenzhen) Co., Ltd. | | | |
| **Prüfergebnis*:** *Test result*:* | Pass | | | |

| | | | |
|---|---|---|---|
| **geprüft von:** *tested by:* | X Jonathan Li | **genehmigt von:** *authorized by:* | X |
| **Datum:** *Date:* 2020-11-09 | | **Ausstellungsdatum:** *Issue date:* 2020-11-09 | |
| **Stellung** / *Position:* | Jonathan Li / Project Manager | **Stellung** / *Position:* | Sam Lin /Technical Certifier |

**Sonstiges** / *Other:*

The host contains four modules as below information:
FCC ID: 2AWGLLSD1BTSTSHLZ02
FCC ID: XMR201909EC25AFX
FCC ID: 2ACSV-HF-LPT230
FCC ID: 2AWGLLSD1NFST39NFC0
IC: 26407-1BTSTSHLZ02
IC: 10224A-2019EC25AFX
IC: 12243A-HFLPT230
IC: 26407-1NFST39NFC0

**Zustand des Prüfgegenstandes bei Anlieferung:** Prüfmuster vollständig und unbeschädigt
*Condition of the test item at delivery:* *Test item complete and undamaged*

| | | | | | |
|---|---|---|---|---|---|
| * Legende: | 1 = sehr gut | 2 = gut | 3 = befriedigend | 4 = ausreichend | 5 = mangelhaft |
| | P(ass) = entspricht o.g. Prüfgrundlage(n) | | F(ail) = entspricht nicht o.g. Prüfgrundlage(n) | N/A = nicht anwendbar | N/T = nicht getestet |
| ** Legend:* | *1 = very good* | *2 = good* | *3 = satisfactory* | *4 = sufficient* | *5 = poor* |
| | *P(ass) = passed a.m. test specification(s)* | | *F(ail) = failed a.m. test specification(s)* | *N/A = not applicable* | *N/T = not tested* |

**Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.**
*This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.*

V05

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# 1. GENERAL REMARKS

## 1.1 COMPLEMENTARY MATERIALS

All attachments are integral parts of this test report. This applies especially to the following appendix: N/A

# 2. TEST SITES

## 2.1 TEST FACILITIES

TÜV Rheinland (Shenzhen) Co., Ltd.

Address: No. 362, Huanguan Road Middle, Longhua District, Shenzhen 518110, P.R. China

CNAS accreditation certification number: L3080

A2LA accreditation certification number: 5162.01

## 2.2 LIST OF TEST AND MEASUREMENT INSTRUMENTS

**Table 1: List of Test and Measurement Equipment**

| Description | Manufacturer | Model | Serial No. | Calibrated until (DD.MM.YYYY) |
|---|---|---|---|---|
| **Radio Spectrum Testing** | | | | |
| Wideband Radio Communication Tester | Rohde & Schwarz | CMW500 | 166305 | 10.09.2021 |
| Signal Analyzer | Rohde & Schwarz | FSV 40 | 101475 | 10.09.2021 |
| Vector Signal Generator | Rohde & Schwarz | SMBV100A | 263466 | 10.09.2021 |
| Signal Generator | Rohde & Schwarz | SMB100A | 181041 | 17.12.2020 |
| High Speed Power Supply | KEITHLEY | 2303 | 4080052 | 17.12.2020 |
| RF Control Unit | Tonscend | JS0806-1 | 19H8060192 | N/A |

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basics using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

| Parameter | Uncertainty |
|---|---|
| RF Power (conducted) | ±2.5 dB |
| Temperature | ±1 °C |
| Humidity | ±5 % |
| Voltage (DC) | ±1 % |
| Voltage (AC, <10kHz) | ±2 % |

## 2.6 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 362 Huanguan Road Middle Longhua District, Shenzhen 518110 People's Republic of China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

# 3. GENERAL PRODUCT INFORMATION

## 3.1 GENERAL DESCRIPTION

The EUT is Terra AC Wallbox Charging Station which could contain RFID, Bluetooth, 2.4GHz Wi-Fi or 4G LTE module.

The above models are the similar in electrical characteristics, the differences lies on type designation and mechanical aspectsas below:

| Model | Wireless module | Display module (YES/NO) | Ethernet functionality (YES/NO) | Metering module (YES/NO) |
|---|---|---|---|---|
| Terra AC W7-P8-RD-MCD-0 | RFID,BT,WIFI, 4G LTE module. | YES | YES | YES |
| Terra AC W7-P8-R-CD-0 | RFID,BT,WIFI, 4G LTE module. | NO | YES | NO |
| Terra AC W7-P8-R-C-0 | RFID,BT,WIFI, 4G LTE module. | NO | YES | NO |
| Terra AC W7-P8-RD-MD-0 | RFID,BT,WIFI module. | YES | NO | YES |
| Terra AC W7-P8-R-D-0 | RFID,BT,WIFI module. | NO | YES | NO |

Compared with them, the model Terra AC W7-P8-RD-MCD-0 has the most components and functions. . Therefore, the tests were performed on the model Terra AC W7-P8-RD-MCD-0 as the worst case sample to demonstrate the rule compliace.

For details refer to the User Manual, Technical Description and Circuit Diagram.

## 3.2 TECHNICAL DATA

**Table 2: Rating of EUT**

| General Information of EUT | Description |
|---|---|
| Kind of Equipment: | Terra AC Wallbox Charging Station |
| Type Designation: | Terra AC W7-P8-R-C-0 Terra AC W7-P8-R-D-0<br>Terra AC W7-P8-R-CD-0 Terra AC W7-P8-RD-MD-0<br>Terra AC W7-P8-RD-MCD-0 |
| Trade Mark: | ABB |
| Application of Equipment: | Combined Radio Equipment |
| Operating Voltage: | Single phase 240 VAC |
| Operating Temperature Range: | -30°C ~ +50°C |

**Table 3: Technical Specification of EUT**

| | |
|---|---|
| **Mechanical Data** | |
| Dimensions (H x W x D) | 110 x 195 x 320mm |
| **Electrical Data – Charging mode** | |
| Input | Description |
| Input voltage range | Single phase 240 VAC, maximum 264 VAC |
| Output | Description |
| Maximum output power | Max. 19 kW |
| Output voltage range | 110 - 240V AC |
| connection type | Type 1 cable according to SAE J1772 |
| **Environment Data** | |
| Environmental | Description |
| Installtion | Wall mounted |
| Temperature range – Operation | -30 °C to +50 °C |
| **Wireless Access** | |
| WCDMA Note 1 | Band II, Band IV,Band V, data service only |
| LTE Note 1 | Band 2, Band 4, Band 5, Band 12, Band 13, Band 14, Band 66, Band 71, data service only |
| 2.4G Wi-Fi Note 2 | 2400~2483.5GHz |
| Bluetooth Note 3 | 2400~2483.5GHz, BLE 5.0 |
| RFID Note 4 | 13.56 MHz |

Note 1: The certified module(EC25-AFX) Integrated in the device have been granted by FCC ID: XMR201909EC25AFX, IC: 10224A-2019EC25AFX.

Note 2: The certified module(HF-LPT230) Integrated in the device have been granted by FCC ID: 2ACSV-HF-LPT230, IC: 12243A-HFLPT230.

Note 3: The certified module(LSD1BT-STSHLZ02) Integrated in the device have been granted by FCC ID: 2AWGLLSD1BTSTSHLZ02, C: 26407-1BTSTSHLZ02.

Note 4: The certified module(LSD1NFST39NFC0) Integrated in the device have been granted by FCC ID: 2AWGLLSD1NFST39NFC0, C: 26407-1NFST39NFC0

Antenna informattion:

| Operation Mode | Antenna type | Antenna Gain (dBi) | Remark |
|---|---|---|---|
| Bluetooth(BLE) | PCB antenna | 0.82 | Same as the certified module |
| 2.4G Wi-Fi | PCB antenna | -0.35 | Same as the certified module |
| WCDMA Band II | Dipole Antenna | -2 | |
| WCDMA Band VI | Dipole Antenna | -3 | |
| WCDMA Band V | Dipole Antenna | -3 | |
| LTE Band 2 | Dipole Antenna | -2 | |
| LTE Band 4 | Dipole Antenna | -2.5 | |
| LTE Band 5 | Dipole Antenna | -3 | |
| LTE Band 12 | Dipole Antenna | -3 | |
| LTE Band 13 | Dipole Antenna | -3 | |
| LTE Band 14 | Dipole Antenna | -3 | |
| LTE Band 66 | Dipole Antenna | -2 | |
| LTE Band 71 | Dipole Antenna | -3 | |
| RFID | PCB antenna | / | Same as the certified module |

Table 4: WCDMA Operating Frequency Range and Channel Bandwidth

| Frequency Band(s) | Frequency Range | | | | | | Channel Bandwidth (MHz) |
|---|---|---|---|---|---|---|---|
| | Transmitting $f_{UL}$ (MHz) | | | Receiving $f_{DL}$ (MHz) | | | |
| Band II | 1850 | ~ | 1910 | 1930 | ~ | 1980 | 5 |
| Band IV | 1710 | ~ | 1755 | 2110 | ~ | 2155 | 5 |
| Band V | 824 | ~ | 849 | 869 | ~ | 894 | 5 |

Table 5: LTE Operating Frequency Range and Channel Bandwidth

| Frequency Band(s) | Frequency Range | | | | | | Channel Bandwidth (MHz) |
|---|---|---|---|---|---|---|---|
| | Transmitting $f_{UL}$ (MHz) | | | Receiving $f_{DL}$ (MHz) | | | |
| Band 2 | 1850 | ~ | 1910 | 1930 | ~ | 1980 | 1.4, 3, 5, 10, 15, 20 |
| Band 4 | 1710 | ~ | 1755 | 2110 | ~ | 2155 | 1.4, 3, 5, 10, 15, 20 |
| Band 5 | 824 | ~ | 849 | 869 | ~ | 894 | 1.4, 3, 5, 10 |
| Band 12 | 699 | ~ | 716 | 729 | ~ | 746 | 1.4, 3, 5, 10 |
| Band 13 | 777 | ~ | 787 | 746 | ~ | 756 | 5, 10 |
| Band 14 | 788 | ~ | 798 | 758 | ~ | 768 | 5, 10 |
| Band 66 | 1710 | ~ | 1780 | 2110 | ~ | 2200 | 1.4, 3, 5, 10, 15, 20 |
| Band 71 | 663 | ~ | 698 | 617 | ~ | 652 | 5, 10, 15, 20 |

Table 6: List of Radio Frequency Channel, 802.11 b/g/n 20M bandwidth

| RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) |
|---|---|---|---|---|---|
| 1 | 2412.00 | 5 | 2432.00 | 9 | 2452.00 |
| 2 | 2417.00 | 6 | 2437.00 | 10 | 2457.00 |
| 3 | 2422.00 | 7 | 2442.00 | 11 | 2462.00 |
| 4 | 2427.00 | 8 | 2447.00 | -- | -- |

Table 7: List of Radio Frequency Channel, 802.11 n 40M bandwidth

| RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) |
|---|---|---|---|---|---|
| -- | -- | 5 | 2432.00 | 9 | 2452.00 |
| -- | -- | 6 | 2437.00 | -- | -- |
| 3 | 2422.00 | 7 | 2442.00 | -- | -- |
| 4 | 2427.00 | 8 | 2447.00 | -- | -- |

Table 8: RF Channel and Frequency of Bluetooth Low Energy

| RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) | RF Channel | Frequency (MHz) |
|---|---|---|---|---|---|---|---|
| **00** | **2402.00** | 10 | 2422.00 | 20 | 2442.00 | 30 | 2462.00 |
| 01 | 2404.00 | 11 | 2424.00 | 21 | 2444.00 | 31 | 2464.00 |
| 02 | 2406.00 | 12 | 2426.00 | 22 | 2446.00 | 32 | 2466.00 |
| 03 | 2408.00 | 13 | 2428.00 | 23 | 2448.00 | 33 | 2468.00 |
| 04 | 2410.00 | 14 | 2430.00 | 24 | 2450.00 | 34 | 2470.00 |
| 05 | 2412.00 | 15 | 2432.00 | 25 | 2452.00 | 35 | 2472.00 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 06 | 2414.00 | 16 | 2434.00 | 26 | 2454.00 | 36 | 2474.00 |
| 07 | 2416.00 | 17 | 2436.00 | 27 | 2456.00 | 37 | 2476.00 |
| 08 | 2418.00 | 18 | 2438.00 | 28 | 2458.00 | 38 | 2478.00 |
| 09 | 2420.00 | **19** | **2440.00** | 29 | 2460.00 | **39** | **2480.00** |

## 3.3 INDEPENDENT OPERATION MODES

The basic operation modes are:

A. On, communication link established, Transmitting
   1) WCDMA operating
      i. Low channel
      ii. Middle channel
      iii. High channel
   2) LTE operating
      i. Low channel
      ii. Middle channel
      iii. High channel
B. On, communication link established
   1) 2.4G Wi-Fi operating
      i. Low channel
      ii. Middle channel
      iii. High channel
C. On, communication link established
   1) Bluetooth operating
      i. Low channel
      ii. Middle channel
      iii. High channel
D. On, communication link established
   1) RFID operating
E. Idle
F. Off

## 3.4 NOISE GENERATING AND NOISE SUPPRESSING PARTS

Refer to the Circuit Diagram.

## 3.5 SUBMITTED DOCUMENTS

☒ User Manual
☒ Circuit Diagram
☒ Block Diagram
☒ Schematics
☒ Model Difference Letter
☒ Rating Label
☒ PCB Layout
☒ Photo Document
☒ Parts List

# 4. TEST SET-UP AND OPERATION MODES

## 4.1 PRINCIPLE OF CONFIGURATION SELECTION

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

**Radio Spectrum:** The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

## 4.2 TEST OPERATION AND TEST SOFTWARE

Test operation refers to test setup in chapter 5.
Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10: 2013 , ANSI C63.4: 2014 and ANSI C63.26: 2015 .

According to clause 3.1, all tests were performed on model Terra AC W7-P8-RD-MCD-0 in this report.

## 4.3 SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT

**Table 9: Cables used during test**

| Port | Quantity | Length (m) | Connector | Type of Cable |
|---|---|---|---|---|
| Laptop | Lenovo | T480 | PF-16A6N8 | N/A |

**Table 10: Auxiliary Equipment used during test**

| Name | Model | Manufacturer | S/N |
|---|---|---|---|
| -- | -- | -- | -- |

## 4.4 COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

# 5. TEST RESULTS

# 1. Safety Human Exposure

## a. Radio Frequency Exposure Compliance

### i. Electromagnetic Fields

**RESULT:** **Pass**

**Test Specification**

Test standard : CFR47 FCC Part 2: Section 2.1091
CFR47 FCC Part 1: Section 1.1310
FCC KDB Publication 447498 v06, section 7
RSS-102 Issue 5 March 2015

➢ **FCC requirements**

**FCC requirement:** Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 20cm normally can be maintained between the user and the device.

Below sets forth limits for Maximum Permissible Exposure (MPE) to radiofrequency electromagnetic fields according to FCC Part 1.1310.

| Frequency range (MHz) | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm$^2$) | Averaging time (minutes) |
|---|---|---|---|---|
| **(i) Limits for Occupational/Controlled Exposure** | | | | |
| 0.3-3.0 | 614 | 1.63 | *(100) | ≤6 |
| 3.0-30 | 1842/f | 4.89/f | *(900/f$^2$) | <6 |
| 30-300 | 61.4 | 0.163 | 1.0 | <6 |
| 300-1,500 | | | f/300 | <6 |
| 1,500-100,000 | | | 5 | <6 |
| **(ii) Limits for General Population/Uncontrolled Exposure** | | | | |
| 0.3-1.34 | 614 | 1.63 | *(100) | <30 |
| 1.34-30 | 824/f | 2.19/f | *(180/f$^2$) | <30 |
| 30-300 | 27.5 | 0.073 | 0.2 | <30 |
| 300-1,500 | | | f/1500 | <30 |
| 1,500-100,000 | | | 1.0 | <30 |

Simultaneous transmission MPE test exclusion applies when the sum of the MPE ratios for all simultaneously transmitting antennas incorporated in a host device is ≤ 1.0, according to calculated/estimated, numerically modeled, or measured field strengths or power density. The MPE ratio of each antenna is determined at the minimum test separation distance required by the operating

configurations and exposure conditions of the host device, according to the ratio of field strengths or power density to the MPE limit at the test frequency.

**MPE Calculation Method according to KDB 447498 v06**

Power Density: $S_{(mW/cm^2)} = PG/4\pi R^2$ or $EIRP/4\pi R^2$

Where:

S = power density ($mW/cm^2$)

P = power input to the antenna (mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator

R = distance to the center of radiation of the antenna (cm)

- **IC requirements:** The EUT shall comply with the requirement of RSS-102.

**Exemption from Routine Evaluation Limits – RF Exposure Evaluation**

RF exposure evaluation is required if the separation distance between the user and/or bystander and the device's radiating element is greater than 20 cm, except when the device operates as follows:

- below 20 MHz6 and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than 1 W (adjusted for tune-up tolerance);

- at or above 300 MHz and below 6 GHz and the source-based, time-averaged maximum e.i.r.p. of the device is equal to or less than $1.31 \times 10^{-2} f^{0.6834}$ W (adjusted for tune-up tolerance), where $f$ is in MHz;

RF Field Strength Limits for Devices Used by the General Public ((Uncontrolled Environment))

| Frequency Range (MHz) | Electric Field (V/m rms) | Magnetic Field (A/m rms) | Power Density ($W/m^2$) | Reference Period (minutes) |
|---|---|---|---|---|
| 0.003-10[21] | 83 | 90 | - | Instantaneous* |
| 0.1-10 | - | $0.73/f$ | - | 6** |
| 1.1-10 | $87/f^{0.5}$ | - | - | 6** |
| 10-20 | 27.46 | 0.0728 | 2 | 6 |
| 20-48 | $58.07/f^{0.25}$ | $0.1540/f^{0.25}$ | $8.944/f^{0.5}$ | 6 |
| 48-300 | 22.06 | 0.05852 | 1.291 | 6 |
| 300-6000 | $3.142 f^{0.3417}$ | $0.008335 f^{0.3417}$ | $0.02619 f^{0.6834}$ | 6 |
| 6000-15000 | 61.4 | 0.163 | 10 | 6 |
| 15000-150000 | 61.4 | 0.163 | 10 | $616000/f^{1.2}$ |
| 150000-300000 | $0.158 f^{0.5}$ | $4.21 \times 10^{-4} f^{0.5}$ | $6.67 \times 10^{-5} f$ | $616000/f^{1.2}$ |

**Note:** $f$ is frequency in MHz.
*Based on nerve stimulation (NS).
** Based on specific absorption rate (SAR).

**a) RF output power of standalone operations for the device**

Bluetooth (BLE)

| Band | Bluetooth(LE-GFSK) | | |
|---|---|---|---|
| Channel | 0 | 19 | 39 |
| Frequency | 2402 | 2440 | 2480 |
| Peak.Power | 6.59 | 6.41 | 6.46 |

2.4G Wi-Fi

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2.4GHz Wi-Fi | Mode | 802.11b | | | 802.11g | | |
| | Data Rate | 1Mbps | | | 6Mbps | | |
| | Channel | 1 | 6 | 11 | 1 | 6 | 11 |
| | Frequency | 2412 | 2437 | 2462 | 2412 | 2437 | 2462 |
| | Peak. Power | 11.75 | 11.56 | 11.69 | 12.72 | 12.74 | 13.05 |
| | Mode | 802.11n HT20 | | | 802.11n HT40 | | |
| | Data Rate | MCS0 6.5Mbps | | | MCS0 13.5Mbps | | |
| | Channel | 1 | 6 | 11 | 3 | 6 | 9 |
| | Frequency | 2412 | 2437 | 2462 | 2422 | 2437 | 2452 |
| | Peak. Power | 11.53 | 11.81 | 11.85 | 10.94 | 11.05 | 11.07 |

WCDMA

| Band | Channel | Power(dBm) | Verdict |
|---|---|---|---|
| Band2 | 9262 | 23.48 | PASS |
| Band2 | 9400 | 23.33 | PASS |
| Band2 | 9538 | 23.31 | PASS |
| Band4 | 1312 | 23.02 | PASS |
| Band4 | 1413 | 23.17 | PASS |
| Band4 | 1513 | 22.99 | PASS |
| Band5 | 4132 | 23.02 | PASS |
| Band5 | 4182 | 23.02 | PASS |
| Band5 | 4233 | 23.13 | PASS |

LTE Band

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | 23.10 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#2 | 23.18 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | 23.10 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 3RB#0 | 23.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 3RB#1 | 23.17 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 3RB#3 | 22.92 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | 22.10 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#2 | 22.74 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#5 | 23.02 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#0 | 22.84 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 3RB#1 | 22.75 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 3RB#3 | 22.62 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18900 | 3RB#0 | 22.77 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 6RB#0 | 21.79 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | 22.73 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | 22.85 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#2 | 23.00 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 3RB#3 | 22.80 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 3RB#0 | 22.76 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 3RB#1 | 22.83 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | 21.80 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | 22.10 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#2 | 22.38 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5 | 22.27 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 3RB#1 | 21.87 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 3RB#0 | 21.83 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 3RB#3 | 21.83 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | 21.15 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#2 | 22.02 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#5 | 21.85 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 1RB#0 | 21.95 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#0 | 21.52 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#3 | 21.52 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 3RB#1 | 21.63 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | 20.86 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5 | 21.86 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2 | 22.00 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | 21.89 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1 | 21.56 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0 | 21.59 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3 | 21.57 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | 20.89 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#0 | 22.84 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#8 | 22.70 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#14 | 22.84 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 8RB#7 | 22.02 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 8RB#0 | 21.93 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 8RB#4 | 21.83 | PASS |

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|---|---|---|---|---|---|---|
| Band2 | 3MHz | QPSK | 18615 | 15RB#0 | 21.92 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#8 | 22.52 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#0 | 22.62 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#14 | 22.50 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 8RB#0 | 21.49 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 8RB#4 | 21.48 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 8RB#7 | 21.58 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 15RB#0 | 21.53 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#0 | 22.93 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#8 | 22.60 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#14 | 22.84 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 8RB#7 | 21.81 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 8RB#4 | 21.90 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 8RB#0 | 21.81 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 15RB#0 | 21.71 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#14 | 21.90 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#0 | 21.73 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#8 | 21.61 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#0 | 20.89 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#7 | 21.30 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#4 | 20.78 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0 | 20.91 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8 | 21.51 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14 | 21.47 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#0 | 21.69 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7 | 20.73 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0 | 20.70 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4 | 20.69 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0 | 20.53 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14 | 21.93 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8 | 21.54 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0 | 21.88 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0 | 21.00 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4 | 20.99 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7 | 20.72 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0 | 20.82 | PASS |

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|---|---|---|---|---|---|---|
| Band2 | 5MHz | QPSK | 18625 | 1RB#24 | 22.83 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#0 | 22.66 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#12 | 22.79 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 12RB#6 | 21.68 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 12RB#0 | 21.78 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 12RB#13 | 21.87 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 25RB#0 | 21.86 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#24 | 22.67 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#0 | 22.56 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#12 | 22.52 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 12RB#0 | 21.53 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 12RB#6 | 21.53 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 12RB#13 | 21.63 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 25RB#0 | 21.52 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#12 | 22.68 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#24 | 22.84 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#0 | 22.73 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 12RB#13 | 21.78 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 12RB#0 | 21.75 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 12RB#6 | 21.75 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 25RB#0 | 21.76 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24 | 21.93 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12 | 21.79 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0 | 21.36 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0 | 20.74 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#6 | 20.74 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#13 | 20.92 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0 | 21.03 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#24 | 21.46 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#12 | 21.51 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 1RB#0 | 21.45 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 12RB#13 | 20.60 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 12RB#6 | 20.41 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 12RB#0 | 20.60 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 25RB#0 | 20.61 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 1RB#12 | 21.74 | PASS |

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|---|---|---|---|---|---|---|
| Band2 | 5MHz | 16QAM | 19175 | 1RB#24 | 21.43 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 1RB#0 | 21.89 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 12RB#0 | 20.84 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 12RB#13 | 20.77 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 12RB#6 | 20.83 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 25RB#0 | 20.97 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#0 | 22.69 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#24 | 23.18 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#49 | 22.82 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 25RB#0 | 21.88 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 25RB#25 | 22.08 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 25RB#12 | 21.88 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 50RB#0 | 22.02 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#49 | 22.78 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#24 | 22.82 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#0 | 22.55 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 25RB#12 | 21.70 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 25RB#25 | 21.70 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 25RB#0 | 21.61 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 50RB#0 | 21.54 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#24 | 22.66 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#49 | 22.75 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#0 | 22.67 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 25RB#0 | 21.78 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 25RB#12 | 21.80 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 25RB#25 | 21.71 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 50RB#0 | 21.88 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49 | 21.83 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24 | 22.39 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0 | 21.88 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 20.91 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 21.01 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0 | 20.92 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0 | 20.98 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0 | 21.59 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24 | 21.57 | PASS |

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|---|---|---|---|---|---|---|
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49 | 21.51 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 20.90 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0 | 20.79 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 20.79 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0 | 20.64 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24 | 21.90 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49 | 21.98 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0 | 21.70 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0 | 20.91 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.92 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.93 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0 | 20.92 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#74 | 22.67 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#0 | 22.72 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#38 | 22.90 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 36RB#39 | 21.81 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 36RB#0 | 22.11 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 36RB#18 | 22.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 75RB#0 | 21.92 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#0 | 22.44 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#38 | 22.62 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#74 | 22.70 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 36RB#0 | 21.59 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 36RB#18 | 21.59 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 36RB#39 | 21.73 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 75RB#0 | 21.61 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#38 | 22.56 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#74 | 22.62 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#0 | 22.77 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 36RB#0 | 21.86 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 36RB#39 | 21.79 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 36RB#18 | 21.88 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 75RB#0 | 21.82 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74 | 21.78 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38 | 21.91 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0 | 21.80 | PASS |

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| Band2 | 15MHz | 16QAM | 18675 | 36RB#39 | 20.90 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 36RB#18 | 20.97 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 36RB#0 | 21.17 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0 | 21.05 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74 | 21.81 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38 | 21.60 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0 | 21.70 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 36RB#0 | 20.57 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 36RB#18 | 20.57 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 36RB#39 | 20.80 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0 | 20.76 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0 | 21.84 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74 | 21.89 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38 | 21.73 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 36RB#39 | 20.94 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 36RB#18 | 21.03 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 36RB#0 | 21.02 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0 | 20.82 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | 22.68 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | 22.71 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#49 | 23.00 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 50RB#25 | 22.04 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 50RB#50 | 21.91 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 50RB#0 | 22.06 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | 21.93 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#99 | 22.79 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#49 | 22.79 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#0 | 22.55 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 50RB#0 | 21.68 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 50RB#50 | 21.73 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 50RB#25 | 21.76 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 100RB#0 | 21.64 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#49 | 22.85 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | 23.02 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | 22.80 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 50RB#50 | 21.76 | PASS |

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| Band2 | 20MHz | QPSK | 19100 | 50RB#25 | 21.81 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 50RB#0 | 21.80 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | 21.84 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49 | 21.97 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | 21.84 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99 | 21.62 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#25 | 21.10 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#50 | 20.99 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 50RB#0 | 21.11 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 20.98 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99 | 21.58 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49 | 21.95 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0 | 21.60 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#25 | 20.83 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#50 | 20.80 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 50RB#0 | 20.84 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 20.70 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49 | 22.29 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | 22.16 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99 | 22.25 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#0 | 20.91 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#25 | 20.92 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 50RB#50 | 20.77 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 20.93 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#0 | 22.24 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#5 | 22.43 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 1RB#2 | 22.51 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#0 | 22.36 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#1 | 22.27 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 3RB#3 | 22.26 | PASS |
| Band4 | 1.4MHz | QPSK | 19957 | 6RB#0 | 21.28 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#0 | 22.39 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#2 | 22.46 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 1RB#5 | 22.46 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#0 | 22.39 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#1 | 22.47 | PASS |

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|---|---|---|---|---|---|---|
| Band4 | 1.4MHz | QPSK | 20175 | 3RB#3 | 22.40 | PASS |
| Band4 | 1.4MHz | QPSK | 20175 | 6RB#0 | 21.46 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#0 | 22.49 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#2 | 22.62 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 1RB#5 | 22.66 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#0 | 22.48 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#1 | 22.56 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 3RB#3 | 22.45 | PASS |
| Band4 | 1.4MHz | QPSK | 20393 | 6RB#0 | 21.41 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2 | 21.47 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0 | 21.43 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5 | 21.43 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1 | 21.06 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3 | 21.06 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0 | 20.77 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0 | 20.42 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0 | 21.41 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2 | 21.59 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5 | 21.47 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0 | 21.08 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1 | 21.35 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3 | 21.12 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0 | 20.34 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5 | 21.68 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0 | 21.75 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2 | 21.76 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1 | 21.18 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3 | 21.28 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0 | 21.19 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0 | 20.38 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#14 | 22.28 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#8 | 22.19 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 1RB#0 | 22.31 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#7 | 21.39 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#0 | 21.32 | PASS |
| Band4 | 3MHz | QPSK | 19965 | 8RB#4 | 21.23 | PASS |

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| Band4 | 3MHz | QPSK | 19965 | 15RB#0 | 21.40 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#0 | 22.56 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#8 | 22.64 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 1RB#14 | 22.58 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#0 | 21.49 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#7 | 21.50 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 8RB#4 | 21.45 | PASS |
| Band4 | 3MHz | QPSK | 20175 | 15RB#0 | 21.49 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#14 | 22.56 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#8 | 22.51 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 1RB#0 | 22.39 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#0 | 21.32 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#4 | 21.32 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 8RB#7 | 21.42 | PASS |
| Band4 | 3MHz | QPSK | 20385 | 15RB#0 | 21.36 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8 | 20.98 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 21.44 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0 | 21.06 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7 | 20.34 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0 | 20.39 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4 | 20.40 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 20.38 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8 | 21.17 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0 | 21.47 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 21.37 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7 | 20.58 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0 | 20.55 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4 | 20.62 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 20.49 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 21.64 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8 | 21.51 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0 | 21.56 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0 | 20.32 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4 | 20.32 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7 | 20.78 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 20.46 | PASS |

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|---|---|---|---|---|---|---|
| Band4 | 5MHz | QPSK | 19975 | 1RB#0 | 22.19 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#12 | 22.40 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 1RB#24 | 22.40 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#0 | 21.24 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#6 | 21.24 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 12RB#13 | 21.35 | PASS |
| Band4 | 5MHz | QPSK | 19975 | 25RB#0 | 21.35 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#24 | 22.52 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#12 | 22.42 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 1RB#0 | 22.51 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#0 | 21.29 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#13 | 21.34 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 12RB#6 | 21.29 | PASS |
| Band4 | 5MHz | QPSK | 20175 | 25RB#0 | 21.36 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#24 | 22.77 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#12 | 22.65 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 1RB#0 | 22.63 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#6 | 21.48 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#0 | 21.41 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 12RB#13 | 21.56 | PASS |
| Band4 | 5MHz | QPSK | 20375 | 25RB#0 | 21.42 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0 | 20.88 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12 | 21.29 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24 | 21.29 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 20.32 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0 | 20.21 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6 | 20.22 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0 | 20.42 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24 | 21.46 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12 | 21.46 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0 | 21.36 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0 | 20.42 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6 | 20.52 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 20.47 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0 | 20.40 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0 | 21.42 | PASS |

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|---|---|---|---|---|---|---|
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12 | 21.43 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24 | 21.61 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0 | 20.55 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 20.52 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6 | 20.53 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0 | 20.68 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#0 | 22.35 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#24 | 22.35 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 1RB#49 | 22.24 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#0 | 21.42 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#25 | 21.37 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 25RB#12 | 21.41 | PASS |
| Band4 | 10MHz | QPSK | 20000 | 50RB#0 | 21.39 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#49 | 22.20 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#0 | 22.31 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 1RB#24 | 22.47 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#0 | 21.31 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#12 | 21.40 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 25RB#25 | 21.42 | PASS |
| Band4 | 10MHz | QPSK | 20175 | 50RB#0 | 21.34 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#49 | 22.29 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#24 | 22.37 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 1RB#0 | 22.41 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#0 | 21.38 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#12 | 21.38 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 25RB#25 | 21.47 | PASS |
| Band4 | 10MHz | QPSK | 20350 | 50RB#0 | 21.36 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49 | 21.60 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0 | 21.22 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24 | 21.48 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 20.44 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0 | 20.54 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 20.41 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0 | 20.44 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49 | 21.09 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0 | 21.08 | PASS |

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|---|---|---|---|---|---|---|
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24 | 21.33 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 20.49 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 20.52 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0 | 20.40 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0 | 20.44 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0 | 21.40 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24 | 21.45 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49 | 21.47 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 20.52 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0 | 20.32 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 20.31 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0 | 20.46 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#38 | 22.39 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#74 | 22.19 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 1RB#0 | 22.20 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#0 | 21.31 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#18 | 21.30 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 36RB#39 | 21.31 | PASS |
| Band4 | 15MHz | QPSK | 20025 | 75RB#0 | 21.35 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#74 | 22.26 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#38 | 22.33 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 1RB#0 | 22.19 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#0 | 21.26 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#18 | 21.33 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 36RB#39 | 21.31 | PASS |
| Band4 | 15MHz | QPSK | 20175 | 75RB#0 | 21.27 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#74 | 22.35 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#38 | 22.31 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 1RB#0 | 22.34 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#39 | 21.40 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#18 | 21.42 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 36RB#0 | 21.42 | PASS |
| Band4 | 15MHz | QPSK | 20325 | 75RB#0 | 21.30 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74 | 21.36 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0 | 21.18 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38 | 21.30 | PASS |

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|---|---|---|---|---|---|---|
| Band4 | 15MHz | 16QAM | 20025 | 36RB#0 | 20.36 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#18 | 20.35 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 36RB#39 | 20.36 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0 | 20.38 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0 | 21.34 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38 | 21.24 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74 | 21.35 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#18 | 20.40 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#39 | 20.39 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 36RB#0 | 20.40 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0 | 20.32 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38 | 21.31 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0 | 21.40 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74 | 21.46 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#0 | 20.31 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#18 | 20.39 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 36RB#39 | 20.37 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0 | 20.47 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#0 | 22.21 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#99 | 22.18 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 1RB#49 | 22.57 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#50 | 21.40 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#25 | 21.30 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 50RB#0 | 21.34 | PASS |
| Band4 | 20MHz | QPSK | 20050 | 100RB#0 | 21.39 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#99 | 22.43 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#49 | 22.70 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 1RB#0 | 22.20 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#50 | 21.28 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#25 | 21.33 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 50RB#0 | 21.24 | PASS |
| Band4 | 20MHz | QPSK | 20175 | 100RB#0 | 21.35 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#0 | 22.53 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#99 | 22.51 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 1RB#49 | 22.73 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#25 | 21.47 | PASS |

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| Band4 | 20MHz | QPSK | 20300 | 50RB#0 | 21.48 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 50RB#50 | 21.36 | PASS |
| Band4 | 20MHz | QPSK | 20300 | 100RB#0 | 21.45 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49 | 21.53 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99 | 21.32 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0 | 21.26 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 20.55 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 20.34 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0 | 20.39 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 20.43 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#99 | 21.38 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49 | 21.66 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0 | 21.35 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#25 | 20.40 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#0 | 20.46 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 50RB#50 | 20.36 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 20.32 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0 | 21.49 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#49 | 21.69 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99 | 21.41 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#25 | 20.54 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#0 | 20.55 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 50RB#50 | 20.44 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 20.42 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 23.46 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#2 | 23.48 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | 23.80 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#1 | 23.47 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#0 | 23.57 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#3 | 23.53 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 22.63 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#5 | 23.46 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#2 | 23.53 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 23.32 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#1 | 23.44 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#3 | 23.49 | PASS |

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| Band5 | 1.4MHz | QPSK | 20525 | 3RB#0 | 23.63 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 22.60 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#2 | 23.68 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | 23.67 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 23.49 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#3 | 23.48 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#1 | 23.69 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#0 | 23.58 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 22.61 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0 | 22.67 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2 | 22.67 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5 | 22.63 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3 | 22.56 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1 | 22.49 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0 | 22.60 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0 | 21.68 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0 | 22.52 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2 | 22.84 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5 | 22.55 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1 | 22.33 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3 | 22.30 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0 | 22.28 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0 | 21.58 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5 | 22.77 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2 | 22.90 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0 | 22.59 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3 | 22.18 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1 | 22.39 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0 | 22.40 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0 | 21.58 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | 23.49 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#8 | 23.14 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 23.34 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#0 | 22.53 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#4 | 22.50 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#7 | 22.48 | PASS |

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|---|---|---|---|---|---|---|
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 22.51 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#14 | 23.34 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 23.43 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#8 | 23.33 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#7 | 22.50 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#0 | 22.64 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#4 | 22.63 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 22.64 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 23.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#8 | 23.49 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | 23.33 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#0 | 22.62 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#4 | 22.62 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#7 | 22.62 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 22.66 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#0 | 22.28 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8 | 22.50 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14 | 22.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7 | 21.54 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4 | 21.62 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0 | 21.58 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0 | 21.58 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0 | 22.56 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8 | 22.32 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14 | 22.31 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0 | 21.63 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7 | 21.57 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4 | 21.71 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0 | 21.53 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0 | 22.52 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8 | 22.45 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14 | 22.50 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0 | 21.73 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7 | 21.69 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4 | 21.76 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0 | 21.66 | PASS |

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|---|---|---|---|---|---|---|
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | 23.62 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#12 | 23.51 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 23.56 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#6 | 22.58 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#13 | 22.58 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#0 | 22.67 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 22.68 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 23.44 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#24 | 23.51 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#12 | 23.44 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#13 | 22.47 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#6 | 22.60 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#0 | 22.71 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 22.62 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#12 | 23.74 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | 23.55 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 23.51 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#0 | 22.59 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#13 | 22.67 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#6 | 22.71 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 22.64 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12 | 22.65 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0 | 22.59 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24 | 22.54 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6 | 21.54 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.62 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0 | 21.55 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0 | 21.66 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12 | 22.50 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24 | 22.40 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0 | 22.51 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6 | 21.51 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0 | 21.65 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 21.52 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0 | 21.60 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12 | 22.61 | PASS |

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|---|---|---|---|---|---|---|
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24 | 22.54 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0 | 22.59 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#6 | 21.64 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#13 | 21.52 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 12RB#0 | 21.73 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 25RB#0 | 21.59 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 23.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | 23.51 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#24 | 23.49 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#25 | 22.78 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#0 | 22.70 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#12 | 22.70 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 22.69 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 23.66 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#24 | 23.72 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#49 | 23.53 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#12 | 22.80 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#25 | 22.69 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#0 | 22.80 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 22.68 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | 23.64 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#24 | 23.92 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 23.42 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#0 | 22.73 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#25 | 22.71 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#12 | 22.74 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 22.67 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0 | 22.55 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | 22.49 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24 | 22.38 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.72 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.73 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0 | 21.44 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 21.64 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0 | 22.55 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49 | 22.74 | PASS |

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| Band5 | 10MHz | 16QAM | 20525 | 1RB#24 | 22.63 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.64 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.73 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0 | 21.72 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 21.73 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24 | 22.81 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | 22.58 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0 | 22.80 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.59 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.74 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0 | 21.77 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 21.64 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | 23.10 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#5 | 23.35 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#2 | 23.03 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#3 | 23.14 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#0 | 23.06 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#1 | 23.19 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 22.06 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#5 | 23.05 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | 23.12 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#2 | 23.02 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#1 | 23.28 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#3 | 23.11 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#0 | 23.23 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 22.36 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#2 | 23.44 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#5 | 23.55 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | 22.99 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#1 | 23.06 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#3 | 23.14 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#0 | 22.90 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 22.16 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2 | 22.30 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 22.29 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 22.25 | PASS |

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|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3 | 22.09 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1 | 22.05 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0 | 22.17 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 20.93 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 21.98 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 21.80 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2 | 22.14 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3 | 22.16 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1 | 22.22 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0 | 22.06 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 21.21 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 22.37 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2 | 22.56 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 22.29 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0 | 21.69 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3 | 21.87 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1 | 21.95 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 21.32 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#0 | 23.11 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#8 | 22.97 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#14 | 23.03 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#7 | 22.24 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#0 | 22.15 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#4 | 22.13 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 22.13 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#0 | 23.09 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#14 | 22.91 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#8 | 22.90 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#0 | 22.34 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#7 | 22.02 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#4 | 22.32 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 22.14 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#0 | 23.39 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#14 | 23.32 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#8 | 23.03 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#7 | 22.24 | PASS |

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| Band12 | 3MHz | QPSK | 23165 | 8RB#4 | 22.34 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#0 | 22.27 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 22.19 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#8 | 22.04 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 22.18 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0 | 22.37 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#0 | 21.28 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#7 | 21.08 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#4 | 21.31 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 21.14 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8 | 21.92 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 22.12 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 21.96 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7 | 21.02 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0 | 21.24 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4 | 21.41 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 21.15 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 22.14 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 22.41 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8 | 22.13 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4 | 21.53 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7 | 21.32 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0 | 21.44 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 21.29 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#0 | 23.11 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#12 | 23.30 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#24 | 23.09 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#0 | 22.10 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#6 | 22.09 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#13 | 22.20 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 22.04 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#12 | 23.01 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#0 | 23.13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#24 | 22.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#0 | 22.15 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#6 | 22.15 | PASS |

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| Band12 | 5MHz | QPSK | 23095 | 12RB#13 | 22.08 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 22.12 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#24 | 23.17 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#12 | 23.13 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#0 | 23.06 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#6 | 22.13 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#13 | 22.20 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#0 | 22.14 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 22.12 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 22.18 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12 | 22.13 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 22.02 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#6 | 21.27 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 21.11 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#0 | 21.19 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 21.15 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 21.52 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#12 | 22.10 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 22.09 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#6 | 21.23 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#13 | 20.96 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#0 | 21.14 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 21.11 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#12 | 22.18 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0 | 22.03 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#24 | 22.18 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#0 | 21.14 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#6 | 21.21 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#13 | 21.10 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 20.93 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#49 | 22.82 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 22.78 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#24 | 23.23 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#0 | 22.03 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#12 | 22.02 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#25 | 22.09 | PASS |

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| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 22.01 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#49 | 22.81 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#24 | 22.97 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 22.95 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#25 | 21.93 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#0 | 22.24 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#12 | 22.16 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 22.00 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#49 | 23.18 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#24 | 23.12 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 22.97 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#12 | 22.06 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#25 | 22.12 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#0 | 21.98 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 22.11 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 22.03 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 21.88 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24 | 22.45 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.16 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0 | 21.09 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 20.99 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 21.09 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 21.93 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24 | 22.38 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 21.88 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0 | 21.22 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.01 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.12 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 21.17 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 22.11 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24 | 21.98 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 21.94 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0 | 21.18 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.23 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 21.09 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 21.26 | PASS |

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| Band13 | 5MHz | QPSK | 23205 | 1RB#0 | 23.89 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 1RB#12 | 24.25 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 1RB#24 | 23.96 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 12RB#13 | 23.15 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 12RB#0 | 23.18 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 12RB#6 | 23.17 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 25RB#0 | 23.07 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 1RB#0 | 23.98 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 1RB#12 | 24.09 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 1RB#24 | 24.10 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 12RB#0 | 23.15 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 12RB#13 | 23.16 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 12RB#6 | 23.15 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 25RB#0 | 23.11 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 1RB#0 | 24.13 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 1RB#24 | 23.84 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 1RB#12 | 24.10 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 12RB#0 | 23.14 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 12RB#6 | 23.14 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 12RB#13 | 23.00 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 25RB#0 | 23.09 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 1RB#24 | 23.00 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 1RB#12 | 23.21 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 1RB#0 | 23.14 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 12RB#13 | 22.19 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 12RB#6 | 22.30 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 12RB#0 | 22.11 | PASS |
| Band13 | 5MHz | 16QAM | 23205 | 25RB#0 | 22.11 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 1RB#12 | 23.06 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 1RB#0 | 22.94 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 1RB#24 | 23.10 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 12RB#13 | 22.25 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 12RB#0 | 22.15 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 12RB#6 | 22.05 | PASS |
| Band13 | 5MHz | 16QAM | 23230 | 25RB#0 | 22.12 | PASS |
| Band13 | 5MHz | 16QAM | 23255 | 1RB#24 | 23.01 | PASS |

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| Band13 | 5MHz | 16QAM | 23255 | 1RB#12 | 22.87 | PASS |
| Band13 | 5MHz | 16QAM | 23255 | 1RB#0 | 22.92 | PASS |
| Band13 | 5MHz | 16QAM | 23255 | 12RB#6 | 21.99 | PASS |
| Band13 | 5MHz | 16QAM | 23255 | 12RB#13 | 22.13 | PASS |
| Band13 | 5MHz | 16QAM | 23255 | 12RB#0 | 22.12 | PASS |
| Band13 | 5MHz | 16QAM | 23255 | 25RB#0 | 22.07 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 1RB#24 | 24.08 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 1RB#0 | 23.86 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 1RB#49 | 24.00 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 25RB#25 | 23.14 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 25RB#12 | 23.09 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 25RB#0 | 23.10 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 50RB#0 | 23.16 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49 | 23.04 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0 | 22.93 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#24 | 23.20 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#12 | 22.13 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#0 | 22.14 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#25 | 22.18 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 50RB#0 | 22.21 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 1RB#24 | 23.79 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 1RB#0 | 23.71 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 1RB#12 | 23.99 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 12RB#0 | 22.90 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 12RB#13 | 22.90 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 12RB#6 | 22.89 | PASS |
| Band14 | 5MHz | QPSK | 23305 | 25RB#0 | 22.82 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 1RB#24 | 23.74 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 1RB#12 | 23.91 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 1RB#0 | 23.91 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 12RB#0 | 22.86 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 12RB#13 | 22.81 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 12RB#6 | 22.85 | PASS |
| Band14 | 5MHz | QPSK | 23330 | 25RB#0 | 22.87 | PASS |
| Band14 | 5MHz | QPSK | 23355 | 1RB#24 | 23.66 | PASS |
| Band14 | 5MHz | QPSK | 23355 | 1RB#0 | 24.06 | PASS |

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| Band14 | 5MHz | QPSK | 23355 | 1RB#12 | 23.89 | PASS |
| Band14 | 5MHz | QPSK | 23355 | 12RB#13 | 22.67 | PASS |
| Band14 | 5MHz | QPSK | 23355 | 12RB#0 | 22.87 | PASS |
| Band14 | 5MHz | QPSK | 23355 | 12RB#6 | 22.79 | PASS |
| Band14 | 5MHz | QPSK | 23355 | 25RB#0 | 22.77 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#0 | 22.80 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#12 | 22.80 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#24 | 22.84 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 12RB#0 | 21.86 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 12RB#13 | 21.88 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 12RB#6 | 21.86 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 25RB#0 | 21.91 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 1RB#24 | 22.79 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 1RB#12 | 22.95 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 1RB#0 | 22.54 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 12RB#6 | 21.76 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 12RB#0 | 21.92 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 12RB#13 | 21.73 | PASS |
| Band14 | 5MHz | 16QAM | 23330 | 25RB#0 | 21.87 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 1RB#0 | 22.84 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 1RB#24 | 22.68 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 1RB#12 | 22.83 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 12RB#0 | 21.76 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 12RB#13 | 21.75 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 12RB#6 | 21.86 | PASS |
| Band14 | 5MHz | 16QAM | 23355 | 25RB#0 | 21.69 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 1RB#0 | 23.47 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 1RB#24 | 23.86 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 1RB#49 | 23.48 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 25RB#0 | 22.92 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 25RB#12 | 22.81 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 25RB#25 | 22.80 | PASS |
| Band14 | 10MHz | QPSK | 23330 | 50RB#0 | 22.87 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#49 | 22.58 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#0 | 22.72 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 1RB#24 | 22.97 | PASS |

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| Band14 | 10MHz | 16QAM | 23330 | 25RB#0 | 21.77 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 25RB#25 | 21.59 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 25RB#12 | 21.94 | PASS |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0 | 21.83 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#5 | 22.79 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#0 | 22.72 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#2 | 22.80 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 3RB#0 | 22.54 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 3RB#1 | 22.54 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 3RB#3 | 22.56 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 6RB#0 | 21.59 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#5 | 22.91 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#2 | 22.83 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#0 | 22.75 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 3RB#0 | 22.84 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 3RB#1 | 22.84 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 3RB#3 | 22.76 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 6RB#0 | 21.72 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#2 | 22.62 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#0 | 22.59 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#5 | 22.92 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 3RB#0 | 22.80 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 3RB#1 | 22.69 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 3RB#3 | 22.52 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 6RB#0 | 21.69 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#0 | 21.73 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#2 | 21.84 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 1RB#5 | 21.70 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#0 | 21.40 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#1 | 21.43 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 3RB#3 | 21.45 | PASS |
| Band66 | 1.4MHz | 16QAM | 131979 | 6RB#0 | 20.75 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#2 | 21.80 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#0 | 21.70 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 1RB#5 | 21.94 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#0 | 21.64 | PASS |

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| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#1 | 21.55 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 3RB#3 | 21.50 | PASS |
| Band66 | 1.4MHz | 16QAM | 132322 | 6RB#0 | 20.89 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#0 | 21.67 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#5 | 21.65 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 1RB#2 | 21.89 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#0 | 21.43 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#1 | 21.36 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 3RB#3 | 21.36 | PASS |
| Band66 | 1.4MHz | 16QAM | 132665 | 6RB#0 | 20.80 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#0 | 22.48 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#8 | 22.51 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#14 | 22.67 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 8RB#0 | 21.61 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 8RB#4 | 21.52 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 8RB#7 | 21.58 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 15RB#0 | 21.50 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#14 | 22.72 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#0 | 22.80 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#8 | 22.64 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 8RB#4 | 21.80 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 8RB#7 | 21.65 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 8RB#0 | 21.71 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 15RB#0 | 21.69 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 1RB#14 | 22.62 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 1RB#0 | 22.76 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 1RB#8 | 22.61 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 8RB#7 | 21.69 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 8RB#0 | 21.81 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 8RB#4 | 21.65 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 15RB#0 | 21.64 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#14 | 21.65 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#8 | 21.69 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 1RB#0 | 21.46 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#0 | 20.49 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 8RB#7 | 20.65 | PASS |

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| Band66 | 3MHz | 16QAM | 131987 | 8RB#4 | 20.39 | PASS |
| Band66 | 3MHz | 16QAM | 131987 | 15RB#0 | 20.57 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#14 | 21.77 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#8 | 21.72 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 1RB#0 | 21.44 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#0 | 20.91 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#4 | 20.93 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 8RB#7 | 20.90 | PASS |
| Band66 | 3MHz | 16QAM | 132322 | 15RB#0 | 20.68 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#14 | 21.46 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#8 | 21.67 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 1RB#0 | 21.90 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#0 | 20.61 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#7 | 20.90 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 8RB#4 | 20.62 | PASS |
| Band66 | 3MHz | 16QAM | 132657 | 15RB#0 | 20.93 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#12 | 22.51 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#0 | 22.56 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#24 | 22.60 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 12RB#0 | 21.52 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 12RB#6 | 21.48 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 12RB#13 | 21.48 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 25RB#0 | 21.42 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#0 | 22.75 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#12 | 22.67 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#24 | 22.60 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 12RB#0 | 21.69 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 12RB#13 | 21.70 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 12RB#6 | 21.77 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 25RB#0 | 21.58 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#24 | 22.61 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#12 | 22.61 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#0 | 22.68 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 12RB#6 | 21.72 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 12RB#13 | 21.70 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 12RB#0 | 21.81 | PASS |

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| Band66 | 5MHz | QPSK | 132647 | 25RB#0 | 21.75 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#24 | 21.40 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#0 | 21.53 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 1RB#12 | 21.49 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#0 | 20.65 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#6 | 20.54 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 12RB#13 | 20.52 | PASS |
| Band66 | 5MHz | 16QAM | 131997 | 25RB#0 | 20.63 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#12 | 21.64 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#24 | 21.59 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 1RB#0 | 21.39 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#6 | 20.74 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#13 | 20.71 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 12RB#0 | 20.84 | PASS |
| Band66 | 5MHz | 16QAM | 132322 | 25RB#0 | 20.66 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#24 | 21.67 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#12 | 21.73 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 1RB#0 | 21.50 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#13 | 20.78 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#6 | 20.79 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 12RB#0 | 20.88 | PASS |
| Band66 | 5MHz | 16QAM | 132647 | 25RB#0 | 20.85 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#24 | 22.56 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#49 | 22.48 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#0 | 22.51 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 25RB#0 | 21.64 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 25RB#12 | 21.64 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 25RB#25 | 21.56 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 50RB#0 | 21.66 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#0 | 22.86 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#24 | 22.70 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#49 | 22.62 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 25RB#12 | 21.86 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 25RB#25 | 21.69 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 25RB#0 | 21.94 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 50RB#0 | 21.67 | PASS |

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| Band66 | 10MHz | QPSK | 132622 | 1RB#0 | 22.54 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 1RB#49 | 22.46 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 1RB#24 | 22.62 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 25RB#25 | 21.78 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 25RB#12 | 21.83 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 25RB#0 | 21.73 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 50RB#0 | 21.72 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#49 | 21.47 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#24 | 21.74 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 1RB#0 | 21.60 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#25 | 20.50 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#12 | 20.66 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 25RB#0 | 20.58 | PASS |
| Band66 | 10MHz | 16QAM | 132022 | 50RB#0 | 20.78 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#49 | 21.62 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#24 | 21.81 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 1RB#0 | 21.80 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#25 | 20.64 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#12 | 20.88 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 25RB#0 | 20.99 | PASS |
| Band66 | 10MHz | 16QAM | 132322 | 50RB#0 | 20.73 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#49 | 21.54 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#0 | 21.64 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 1RB#24 | 22.02 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#0 | 20.76 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#12 | 20.77 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 25RB#25 | 20.74 | PASS |
| Band66 | 10MHz | 16QAM | 132622 | 50RB#0 | 20.90 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#74 | 22.24 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#0 | 22.66 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#38 | 22.44 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 36RB#0 | 21.64 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 36RB#18 | 21.59 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 36RB#39 | 21.54 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 75RB#0 | 21.55 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 1RB#0 | 22.65 | PASS |

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| Band66 | 15MHz | QPSK | 132322 | 1RB#38 | 22.70 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 1RB#74 | 22.23 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 36RB#0 | 21.76 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 36RB#18 | 21.84 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 36RB#39 | 21.65 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 75RB#0 | 21.68 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#74 | 22.36 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#0 | 22.57 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#38 | 22.75 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 36RB#0 | 21.78 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 36RB#18 | 21.86 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 36RB#39 | 21.75 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 75RB#0 | 21.67 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#0 | 21.70 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#38 | 21.17 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 1RB#74 | 21.51 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 36RB#0 | 20.68 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 36RB#39 | 20.59 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 36RB#18 | 20.53 | PASS |
| Band66 | 15MHz | 16QAM | 132047 | 75RB#0 | 20.57 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#0 | 21.70 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#38 | 21.68 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 1RB#74 | 21.52 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 36RB#18 | 20.90 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 36RB#0 | 20.91 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 36RB#39 | 20.66 | PASS |
| Band66 | 15MHz | 16QAM | 132322 | 75RB#0 | 20.73 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#74 | 21.57 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#0 | 21.65 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 1RB#38 | 21.87 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 36RB#39 | 20.74 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 36RB#18 | 20.88 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 36RB#0 | 20.94 | PASS |
| Band66 | 15MHz | 16QAM | 132597 | 75RB#0 | 20.73 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#49 | 22.87 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#99 | 22.50 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band66 | 20MHz | QPSK | 132072 | 1RB#0 | 22.52 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 50RB#0 | 21.55 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 50RB#25 | 21.64 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 50RB#50 | 21.63 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 100RB#0 | 21.64 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#99 | 22.72 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#0 | 22.59 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#49 | 23.12 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 50RB#25 | 21.93 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 50RB#0 | 21.82 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 50RB#50 | 21.81 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 100RB#0 | 21.67 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#99 | 22.66 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#49 | 22.98 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#0 | 22.47 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 50RB#50 | 21.83 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 50RB#25 | 21.74 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 50RB#0 | 21.66 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 100RB#0 | 21.71 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#49 | 21.76 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#99 | 21.55 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 1RB#0 | 21.54 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#0 | 20.70 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#25 | 20.69 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 50RB#50 | 20.71 | PASS |
| Band66 | 20MHz | 16QAM | 132072 | 100RB#0 | 20.69 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#99 | 21.70 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#0 | 21.81 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 1RB#49 | 21.79 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#25 | 20.99 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#50 | 20.88 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 50RB#0 | 21.00 | PASS |
| Band66 | 20MHz | 16QAM | 132322 | 100RB#0 | 20.74 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#0 | 21.62 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#49 | 22.07 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 1RB#99 | 21.70 | PASS |

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|---|---|---|---|---|---|---|
| Band66 | 20MHz | 16QAM | 132572 | 50RB#25 | 20.82 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#50 | 20.85 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 50RB#0 | 20.83 | PASS |
| Band66 | 20MHz | 16QAM | 132572 | 100RB#0 | 20.79 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 1RB#0 | 23.29 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 1RB#13 | 23.25 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 1RB#24 | 23.29 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 12RB#6 | 22.26 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 12RB#0 | 22.28 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 12RB#13 | 22.33 | PASS |
| Band71 | 5MHz | QPSK | 133147 | 25RB#0 | 22.24 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 1RB#13 | 23.19 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 1RB#0 | 23.22 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 1RB#24 | 23.33 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 12RB#0 | 22.12 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 12RB#13 | 22.25 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 12RB#6 | 22.24 | PASS |
| Band71 | 5MHz | QPSK | 133297 | 25RB#0 | 22.20 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 1RB#24 | 23.28 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 1RB#0 | 23.34 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 1RB#13 | 23.51 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 12RB#0 | 22.31 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 12RB#13 | 22.30 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 12RB#6 | 22.31 | PASS |
| Band71 | 5MHz | QPSK | 133447 | 25RB#0 | 22.32 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 1RB#13 | 22.36 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 1RB#24 | 22.22 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 1RB#0 | 22.01 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 12RB#6 | 21.38 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 12RB#0 | 21.34 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 12RB#13 | 21.38 | PASS |
| Band71 | 5MHz | 16QAM | 133147 | 25RB#0 | 21.50 | PASS |
| Band71 | 5MHz | 16QAM | 133297 | 1RB#13 | 22.19 | PASS |
| Band71 | 5MHz | 16QAM | 133297 | 1RB#0 | 22.13 | PASS |
| Band71 | 5MHz | 16QAM | 133297 | 1RB#24 | 22.28 | PASS |
| Band71 | 5MHz | 16QAM | 133297 | 12RB#13 | 21.23 | PASS |

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|---|---|---|---|---|---|---|
| Band71 | 5MHz | 16QAM | 133297 | 12RB#6 | 21.18 | PASS |
| Band71 | 5MHz | 16QAM | 133297 | 12RB#0 | 21.31 | PASS |
| Band71 | 5MHz | 16QAM | 133297 | 25RB#0 | 21.38 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 1RB#24 | 22.15 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 1RB#0 | 22.12 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 1RB#13 | 22.27 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 12RB#0 | 21.24 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 12RB#6 | 21.35 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 12RB#13 | 21.44 | PASS |
| Band71 | 5MHz | 16QAM | 133447 | 25RB#0 | 21.37 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 1RB#0 | 23.19 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 1RB#25 | 23.31 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 1RB#49 | 23.09 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 25RB#25 | 22.40 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 25RB#0 | 22.35 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 25RB#13 | 22.42 | PASS |
| Band71 | 10MHz | QPSK | 133172 | 50RB#0 | 22.20 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 1RB#0 | 23.16 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 1RB#25 | 23.24 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 1RB#49 | 23.26 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 25RB#13 | 22.38 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 25RB#25 | 22.51 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 25RB#0 | 22.30 | PASS |
| Band71 | 10MHz | QPSK | 133297 | 50RB#0 | 22.24 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 1RB#49 | 23.19 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 1RB#0 | 23.24 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 1RB#25 | 23.51 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 25RB#13 | 22.44 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 25RB#25 | 22.47 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 25RB#0 | 22.44 | PASS |
| Band71 | 10MHz | QPSK | 133422 | 50RB#0 | 22.37 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#49 | 22.20 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#25 | 22.41 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 1RB#0 | 22.28 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#25 | 21.35 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 25RB#13 | 21.43 | PASS |

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|---|---|---|---|---|---|---|
| Band71 | 10MHz | 16QAM | 133172 | 25RB#0 | 21.30 | PASS |
| Band71 | 10MHz | 16QAM | 133172 | 50RB#0 | 21.36 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#49 | 22.26 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#25 | 22.43 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 1RB#0 | 22.17 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#0 | 21.25 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#13 | 21.52 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 25RB#25 | 21.46 | PASS |
| Band71 | 10MHz | 16QAM | 133297 | 50RB#0 | 21.51 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#25 | 22.55 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#0 | 22.18 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 1RB#49 | 22.28 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#0 | 21.52 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#13 | 21.52 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 25RB#25 | 21.56 | PASS |
| Band71 | 10MHz | 16QAM | 133422 | 50RB#0 | 21.46 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 1RB#0 | 23.20 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 1RB#38 | 23.12 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 1RB#74 | 23.05 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 36RB#39 | 22.27 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 36RB#0 | 22.31 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 36RB#18 | 22.30 | PASS |
| Band71 | 15MHz | QPSK | 133197 | 75RB#0 | 22.32 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 1RB#74 | 23.13 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 1RB#0 | 23.01 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 1RB#38 | 23.31 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 36RB#18 | 22.29 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 36RB#0 | 22.30 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 36RB#39 | 22.41 | PASS |
| Band71 | 15MHz | QPSK | 133297 | 75RB#0 | 22.29 | PASS |
| Band71 | 15MHz | QPSK | 133397 | 1RB#74 | 23.16 | PASS |
| Band71 | 15MHz | QPSK | 133397 | 1RB#38 | 23.00 | PASS |
| Band71 | 15MHz | QPSK | 133397 | 1RB#0 | 23.21 | PASS |
| Band71 | 15MHz | QPSK | 133397 | 36RB#18 | 22.29 | PASS |
| Band71 | 15MHz | QPSK | 133397 | 36RB#39 | 22.37 | PASS |
| Band71 | 15MHz | QPSK | 133397 | 36RB#0 | 22.37 | PASS |

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|---|---|---|---|---|---|---|
| Band71 | 15MHz | QPSK | 133397 | 75RB#0 | 22.32 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#74 | 22.33 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#0 | 22.27 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 1RB#38 | 22.31 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 36RB#39 | 21.38 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 36RB#18 | 21.25 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 36RB#0 | 21.26 | PASS |
| Band71 | 15MHz | 16QAM | 133197 | 75RB#0 | 21.35 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#0 | 22.21 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#38 | 22.21 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 1RB#74 | 22.41 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 36RB#39 | 21.29 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 36RB#0 | 21.37 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 36RB#18 | 21.27 | PASS |
| Band71 | 15MHz | 16QAM | 133297 | 75RB#0 | 21.34 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#0 | 22.24 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#74 | 22.42 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 1RB#38 | 21.97 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 36RB#39 | 21.58 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 36RB#0 | 21.50 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 36RB#18 | 21.33 | PASS |
| Band71 | 15MHz | 16QAM | 133397 | 75RB#0 | 21.40 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 1RB#0 | 23.12 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 1RB#50 | 23.29 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 1RB#99 | 23.13 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 50RB#25 | 22.40 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 50RB#50 | 22.37 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 50RB#0 | 22.41 | PASS |
| Band71 | 20MHz | QPSK | 133222 | 100RB#0 | 22.39 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 1RB#99 | 23.06 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 1RB#50 | 23.33 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 1RB#0 | 23.10 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 50RB#50 | 22.46 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 50RB#25 | 22.35 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 50RB#0 | 22.36 | PASS |
| Band71 | 20MHz | QPSK | 133297 | 100RB#0 | 22.27 | PASS |

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|---|---|---|---|---|---|---|
| Band71 | 20MHz | QPSK | 133372 | 1RB#0 | 23.22 | PASS |
| Band71 | 20MHz | QPSK | 133372 | 1RB#99 | 23.11 | PASS |
| Band71 | 20MHz | QPSK | 133372 | 1RB#50 | 23.26 | PASS |
| Band71 | 20MHz | QPSK | 133372 | 50RB#50 | 22.23 | PASS |
| Band71 | 20MHz | QPSK | 133372 | 50RB#25 | 22.17 | PASS |
| Band71 | 20MHz | QPSK | 133372 | 50RB#0 | 22.28 | PASS |
| Band71 | 20MHz | QPSK | 133372 | 100RB#0 | 22.29 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#50 | 22.63 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#99 | 22.49 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 1RB#0 | 22.25 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#0 | 21.57 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#25 | 21.46 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 50RB#50 | 21.55 | PASS |
| Band71 | 20MHz | 16QAM | 133222 | 100RB#0 | 21.48 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 1RB#50 | 22.66 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 1RB#99 | 22.30 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 1RB#0 | 22.16 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 50RB#50 | 21.53 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 50RB#25 | 21.50 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 50RB#0 | 21.43 | PASS |
| Band71 | 20MHz | 16QAM | 133297 | 100RB#0 | 21.33 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#0 | 22.68 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#99 | 22.70 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 1RB#50 | 22.65 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#0 | 21.19 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#25 | 21.26 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 50RB#50 | 21.31 | PASS |
| Band71 | 20MHz | 16QAM | 133372 | 100RB#0 | 21.36 | PASS |

RFID

| Frequency (MHz) | EIRP (dBuV/m) | EIRP (dBm) |
|---|---|---|
| 13.56 | 46.35 | -48.85 |

**b) EUT RF Exposure Evaluation standalone operations**

FCC RF Exposure Evaluation

| Test Mode | Maximum Output Power | | Antenna Gain (dBi) | Maximum e.i.r.p | | $S_{(mW/cm^2)}=PG/4\pi R^2$ | Limit $(mW/cm^2)$ |
|---|---|---|---|---|---|---|---|
| | (dBm) | (mW) | | (dBm) | (mW) | | |
| Bluetooth(BLE) | 8.0 | 6.31 | 0.82 | 8.82 | 7.62 | 0.00152 | 1.000 |
| 2.4G Wi-Fi | 16.0 | 39.81 | -0.35 | 15.65 | 36.73 | 0.00731 | 1.000 |
| WCDMA Band II | 25.0 | 316.23 | -2 | 23 | 199.53 | 0.03971 | 1.000 |
| WCDMA Band VI | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 1.000 |
| WCDMA Band V | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 0.550 |
| LTE Band 2 | 25.0 | 316.23 | -2 | 23 | 199.53 | 0.03971 | 1.000 |
| LTE Band 4 | 25.0 | 316.23 | -2.5 | 22.5 | 177.83 | 0.03540 | 1.000 |
| LTE Band 5 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 0.550 |
| LTE Band 12 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 0.470 |
| LTE Band 13 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 0.520 |
| LTE Band 14 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 0.530 |
| LTE Band 66 | 25.0 | 316.23 | -2 | 23 | 199.53 | 0.03971 | 1.000 |
| LTE Band 71 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.03155 | 0.450 |
| RFID | / | / | / | -48.85 | 0 | 0.00000 | 0.979 |

IC RF Exposure Evaluation

| Test Mode | Maximum Output Power | | Antenna Gain (dBi) | Maximum e.i.r.p | | $S_{(W/m^2)}=PG/4\pi R^2$ | Limit $(W/m^2)$ |
|---|---|---|---|---|---|---|---|
| | (dBm) | (mW) | | (dBm) | (mW) | | |
| Bluetooth(BLE) | 8.0 | 6.31 | 0.82 | 8.82 | 7.62 | 0.0152 | 5.348 |
| 2.4G Wi-Fi | 16.0 | 39.81 | -0.35 | 15.65 | 36.73 | 0.0731 | 5.348 |
| WCDMA Band II | 25.0 | 316.23 | -2 | 23 | 199.53 | 0.3971 | 4.476 |
| WCDMA Band VI | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 4.242 |
| WCDMA Band V | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 2.576 |
| LTE Band 2 | 25.0 | 316.23 | -2 | 23 | 199.53 | 0.3971 | 4.476 |
| LTE Band 4 | 25.0 | 316.23 | -2.5 | 22.5 | 177.83 | 0.3540 | 4.242 |
| LTE Band 5 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 2.576 |
| LTE Band 12 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 2.301 |
| LTE Band 13 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 2.474 |
| LTE Band 14 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 2.498 |
| LTE Band 66 | 25.0 | 316.23 | -2 | 23 | 199.53 | 0.3971 | 4.242 |
| LTE Band 71 | 25.0 | 316.23 | -3 | 22 | 158.49 | 0.3155 | 2.220 |
| RFID | / | / | / | -48.85 | 0 | 0.00000 | 2 |

NOTE1: The Maximum peak output power (dBm) of Bluetooth (BLE) is inducted from certified module (LSD1BT-STSHLZ02) granted by FCC ID: 2AWGLLSD1BTSTSHLZ02, IC: 26407-1BTSTSHLZ02.
NOTE2: The Maximum peak output power (dBm) of 2.4G Wi-Fi is inducted from certified module (HF-LPT230) granted by FCC ID: 2ACSV-HF-LPT230, IC: 12243A-HFLPT230.
NOTE3: The Maximum peak output power (dBm) of 4G module is inducted from certified module ((EC25-AFX) granted by FCC ID: XMR201909EC25AFX, IC: 10224A-2019EC25AFX.

**c) EUT RF Exposure Evaluation simultaneous transmission operations**

FCC RF Exposure Evaluation

| Simultaneous transmission mode | MPE ratios | Limit | Result |
|---|---|---|---|
| Bluetooth+Wi-Fi+RFID+WCDMA Band II | 0.04854 | ≤ 1.0 | Pass |

| | | | |
|---|---|---|---|
| Bluetooth+Wi-Fi+RFID+WCDMA Band VI | 0.04037 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+WCDMA Band V | 0.06618 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 2 | 0.04854 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 4 | 0.04422 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 5 | 0.06618 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 12 | 0.07594 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 13 | 0.06949 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 14 | 0.06835 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 66 | 0.04854 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 71 | 0.07893 | ≤ 1.0 | Pass |

IC RF Exposure Evaluation

| **Simultaneous transmission mode** | **MPE ratios** | **Limit** | **Result** |
|---|---|---|---|
| Bluetooth+Wi-Fi+RFID+WCDMA Band II | 0.1052 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+WCDMA Band VI | 0.0909 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+WCDMA Band V | 0.1390 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 2 | 0.1052 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 4 | 0.1000 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 5 | 0.1390 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 12 | 0.1536 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 13 | 0.1440 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 14 | 0.1428 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 66 | 0.1101 | ≤ 1.0 | Pass |
| Bluetooth+Wi-Fi+RFID+LTE Band 71 | 0.1586 | ≤ 1.0 | Pass |

**"RF Radiation Exposure Statement Caution: This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons."**

========== END OF REPORT ==========