# FCC RF Test Report

## (LTE)

| | |
|---|---|
| **Report No.:** | JYTSZ-R12-2400781 |
| **Applicant:** | TECNO MOBILE LIMITED |
| **Address of Applicant:** | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG |
| **Equipment Under Test (EUT)** | |
| Product Name: | Mobile Phone |
| Model No.: | AE11 |
| Trade Mark: | TECNO |
| **FCC ID:** | 2ADYY-YYS-AE11 |
| **Applicable Standards:** | FCC CFR Title 47 Part 2, 22H, 24E, 27L & F & H & M & Q |
| **Date of Sample Receipt:** | 02 Jul., 2024 |
| **Date of Test:** | 03 Jul., to 13 Aug., 2024 |
| **Date of Report Issued:** | 04 Sep., 2024 |
| **Test Result:** | PASS |

| | | | |
|---|---|---|---|
| ***Tested by:*** | Kai Ding<br>***Project Engineer*** | ***Date:*** | *04 Sep., 2024* |
| ***Reviewed by:*** | Victor Hang<br>***Senior Engineer*** | ***Date:*** | *04 Sep., 2024* |
| ***Approved by:*** | Janet Wei<br>***Manager*** | ***Date:*** | *04 Sep., 2024* |

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in above the application standard version. Test results reported herein relate only to the item(s) tested.

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# 1 Version

| Version No. | Date | Description |
|---|---|---|
| *00* | *14 Aug., 2024* | *Original* |
| *01* | *04 Sep., 2024* | *Update section 5.2* |
| | | |
| | | |
| | | |

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# 3 General Information

## 3.1 Client Information

| | |
|---|---|
| Applicant: | TECNO MOBILE LIMITED |
| Address: | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG |
| Manufacturer: | TECNO MOBILE LIMITED |
| Address: | FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG |
| Factory: | SHENZHEN TECNO TECHNOLOGY CO., LTD. |
| Address: | 101, Building 24, Waijing Industrial Park, Fumin Community, Fucheng Street, Longhua District, Shenzhen City, P.R.China |

## 3.2 General Description of E.U.T.

| | | | |
|---|---|---|---|
| Product Name: | Mobile Phone | | |
| Model No.: | AE11 | | |
| Operation Frequency Range: | LTE band 2: | Tx: 1850 MHz - 1910 MHz | Rx: 1930 MHz - 1990 MHz |
| | LTE band 4: | Tx: 1710 MHz - 1755 MHz | Rx: 2110 MHz - 2155 MHz |
| | LTE band 5: | Tx: 824 MHz - 849 MHz | Rx: 869 MHz - 894 MHz |
| | LTE band 7: | Tx: 2500 MHz - 2570 MHz | Rx: 2620 MHz - 2690 MHz |
| | LTE band 12: | Tx: 699 MHz - 716 MHz | Rx: 729 MHz - 746 MHz |
| | LTE band 13: | Tx: 777 MHz - 787 MHz | Rx: 746 MHz - 756 MHz |
| | LTE band 17: | Tx: 704 MHz - 716 MHz | Rx: 734 MHz - 746 MHz |
| | LTE band 38: | Tx: 2570 MHz - 2620 MHz | Rx: 2570 MHz - 2620 MHz |
| | LTE band 41: | Tx: 2496 MHz - 2690 MHz | Rx: 2496 MHz - 2690 MHz |
| | LTE band 42: | Tx: 3450MHz - 3550 MHz | Rx: 3450 MHz - 3550 MHz |
| | LTE band 66: | Tx: 1710 MHz - 1780 MHz | Rx: 2110 MHz - 2200 MHz |
| | LTE CA_7C: | Tx: 2500 MHz - 2570 MHz | Rx: 2620 MHz - 2690 MHz |
| | LTE CA_41C | Tx: 2496 MHz - 2690 MHz | Rx: 2496 MHz - 2690 MHz |
| Modulation Type: | ☒QPSK | ☒16QAM | ☒64QAM |
| Antenna Type: | Internal Antenna | | |
| Antenna Gain: | LTE band 2: | ANT5 Unflip: -0.3 dBi (declare by Applicant) | |
| | | ANT5 Flip: -6.13 dBi (declare by Applicant) | |
| | | EN–DC ANT0 Unflip: -4.63 dBi (declare by Applicant) | |
| | | EN–DC ANT0 Flip: -6.93 dBi (declare by Applicant) | |
| | LTE band 4: | ANT5 Unflip: -0.3 dBi (declare by Applicant) | |
| | | ANT5 Flip: -6.13 dBi (declare by Applicant) | |
| | | EN–DC ANT0 Unflip: -4.63 dBi (declare by Applicant) | |
| | | EN–DC ANT0 Flip: -6.93 dBi (declare by Applicant) | |
| | LTE band 5: | ANT3 Unflip: -7.03 dBi (declare by Applicant) | |
| | | ANT3 Flip: -11.78 dBi (declare by Applicant) | |
| | LTE band 7: CA_7C: | ANT5 Unflip: -3.0 dBi (declare by Applicant) | |
| | | ANT5 Flip: -3.19 dBi (declare by Applicant) | |
| | | EN–DC ANT0 Unflip: -2.97 dBi (declare by Applicant) | |
| | | EN–DC ANT0 Flip: -4.29 dBi (declare by Applicant) | |
| | LTE band 12: | ANT3 Unflip: -4.93 dBi (declare by Applicant) | |
| | | ANT3 Flip: -11.17 dBi (declare by Applicant) | |
| | LTE band 13: | ANT3 Unflip: -5.73 dBi (declare by Applicant) | |
| | | ANT3 Flip: -10.88 dBi (declare by Applicant) | |

| | | |
|---|---|---|
| | LTE band 17: | ANT3 Unflip: -4.93 dBi (declare by Applicant) |
| | | ANT3 Flip: -11.17 dBi (declare by Applicant) |
| | LTE band 38: | ANT5 Unflip: -3.0 dBi (declare by Applicant) |
| | | ANT5 Flip: -3.19 dBi (declare by Applicant) |
| | | EN–DC ANT0 Unflip: -2.97 dBi (declare by Applicant) |
| | | EN–DC ANT0 Flip: -4.29 dBi (declare by Applicant) |
| | LTE band 41: CA_41C: | ANT5 Unflip: -3.0 dBi (declare by Applicant) |
| | | ANT5 Flip: -3.19 dBi (declare by Applicant) |
| | | EN–DC ANT0 Unflip: -2.97 dBi (declare by Applicant) |
| | | EN–DC ANT0 Flip: -4.29 dBi (declare by Applicant) |
| | LTE band 42: | ANT6 Unflip: -1.10 dBi (declare by Applicant) |
| | | ANT6 Flip: -0.91 dBi (declare by Applicant) |
| | LTE band 66: | ANT5 Unflip: -0.3 dBi (declare by Applicant) |
| | | ANT5 Flip: -6.13 dBi (declare by Applicant) |
| | | EN–DC ANT0 Unflip: -4.63 dBi (declare by Applicant) |
| | | EN–DC ANT0 Flip: -6.93 dBi (declare by Applicant) |
| Power Supply: | Rechargeable Li-ion Polymer Battery DC3.91V, 3410mAh & Rechargeable Li-ion Polymer Battery DC3.91V, 1180mAh | |
| AC Adapter: | Model: U700TSA<br>Input: AC100-240V, 50/60Hz, 2.0A<br>Output: DC 5.0V, 3.0A 15.0W or 5.0-10.0V, 7.0A MAX or 11.0V, 6.4A MAX or 4.0-20.0V, 3.5A 70.0W MAX | |
| Test Sample Condition: | The test samples were provided in good working order with no visible defects. | |

## 3.3 Test Mode and Environment

| **Test Mode:** | |
|---|---|
| QPSK mode: | Keep the EUT communication with simulated station in QPSK mode |
| 16QAM mode: | Keep the EUT communication with simulated station in 16QAM mode |
| 64QAM mode: | Keep the EUT communication with simulated station in 64QAM mode |
| ***Remark:*** *The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High for each type band with rated data rate were chosen for full testing. The field strength of spurious radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2 mode) for these modes. Just the worst case position (H mode) shown in report.* | |
| **Operating Environment:** | |
| Temperature: | Normal: 15℃ ~ 35℃, Extreme: -30℃ ~ +50℃ |
| Humidity: | 20 % ~ 75 % RH |
| Atmospheric Pressure: | 1008 mbar |
| Voltage: | Nominal: 3.91 Vdc, Extreme: Low 3.45 Vdc, High 4.50 Vdc |
| Test Engineer: | Lao Lu (Conducted measurement)<br>Alan Chen (Radiated measurement) |

## 3.4 Description of Test Auxiliary Equipment

| Test Equipment | Manufacturer | Model No. | Serial No. |
|---|---|---|---|
| Simulated Station | Anritsu | MT8820C | 6201026545 |
| Simulated Station | Rohde & Schwarz | CMW500 | 108209 |

## 3.5 Measurement Uncertainty

| Parameter | Expanded Uncertainty (Confidence of 95%(U = 2Uc(y))) |
|---|---|
| Radiated Emission (30MHz ~ 200MHz) (3m SAC) | 4.6 dB |
| Radiated Emission (200MHz ~ 1000MHz) (3m SAC) | 5.8 dB |
| Radiated Emission (1GHz ~ 6GHz) (3m SAC) | 4.5 dB |
| Radiated Emission (6GHz ~ 18GHz) (3m SAC) | 4.7 dB |
| Radiated Emission (18GHz ~ 40GHz) (3m SAC) | 5.34 dB |
| Radiated Emission (30MHz ~ 1GHz) (3m FAR) | 3.43 dB |
| Radiated Emission (1GHz ~ 6GHz) (3m FAR) | 4.95 dB |
| Radiated Emission (6GHz ~ 18GHz) (3m FAR) | 5.23 dB |
| ***Note:*** *All the measurement uncertainty value were shown with a coverage k=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.* | |

## 3.6 Additions to, Deviations, or Exclusions from the Method

No

## 3.7 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **FCC - Designation No.: CN1211**

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551.

- **ISED – CAB identifier.: CN0021**

The 3m Semi-anechoic chamber and 10m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

- **CNAS - Registration No.: CNAS L15527**

JianYan Testing Group Shenzhen Co., Ltd. is accredited to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L15527.

- **A2LA - Registration No.: 4346.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

## 3.8 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.
Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.
Tel: +86-755-23118282, Fax: +86-755-23116366
Email: info-JYTee@lets.com, Website: http://jyt.lets.com

## 3.9 Test Instruments List

| Radiated Emission(3m SAC): | | | | | |
|---|---|---|---|---|---|
| **Test Equipment** | **Manufacturer** | **Model No.** | **Manage No.** | **Cal. Date (mm-dd-yy)** | **Cal. Due date (mm-dd-yy)** |
| 3m SAC | ETS | 9m*6m*6m | WXJ001-1 | 04-14-2021 | 04-13-2026 |
| Loop Antenna | Schwarzbeck | FMZB 1519 B | WXJ002-4 | 01-05-2024 | 01-04-2025 |
| BiConiLog Antenna | Schwarzbeck | VULB9163 | WXJ002 | 01-09-2024 | 01-08-2025 |
| Biconical Antenna | Schwarzbeck | VUBA9117 | WXJ002-1 | 07-01-2024 | 06-30-2027 |
| Pre-amplifier (30MHz ~ 1GHz) | Schwarzbeck | BBV9743B | WXJ001-2 | 12-27-2023 | 12-26-2024 |
| EMI Test Receiver | Rohde & Schwarz | ESRP7 | WXJ003-1 | 12-27-2023 | 12-26-2024 |
| Spectrum Analyzer | Rohde & Schwarz | FSP 30 | WXJ004 | 12-27-2023 | 12-26-2024 |
| Spectrum Analyzer | KEYSIGHT | N9010B | WXJ004-2 | 09-25-2023 | 09-24-2024 |
| Coaxial Cable (30MHz ~ 1GHz) | JYTSZ | JYT3M-1G-NN-8M | WXG001-4 | 01-17-2024 | 01-16-2025 |
| Band Reject Filter Group | Tonscend | JS0806-F | WXJ089 | N/A | |
| Test Software | Tonscend | TS+ | Version: 3.0.0.1 | | |

| Radiated Emission(3m FAR): | | | | | |
|---|---|---|---|---|---|
| **Test Equipment** | **Manufacturer** | **Model No.** | **Manage No.** | **Cal. Date (mm-dd-yy)** | **Cal. Due date (mm-dd-yy)** |
| 3m FAR | YUNYI | 9m*6m*6m | WXJ097 | 06-15-2023 | 06-14-2028 |
| BiConiLog Antenna | Schwarzbeck | VULB9163 | WXJ097-2 | 06-26-2024 | 06-25-2025 |
| Biconical Antenna | Schwarzbeck | VUBA9117 | WXJ002-1 | 07-01-2024 | 06-30-2027 |
| Horn Antenna | Schwarzbeck | BBHA9120D | WXJ097-3 | 06-16-2024 | 06-15-2025 |
| Horn Antenna | Schwarzbeck | BBHA9120D | WXJ002-3 | 12-28-2023 | 12-27-2024 |
| Horn Antenna | Schwarzbeck | BBHA9170 | WXJ002-5 | 12-28-2023 | 12-27-2024 |
| Horn Antenna | Schwarzbeck | BBHA9170 | WXJ002-6 | 12-28-2023 | 12-27-2024 |
| Pre-amplifier (30MHz ~ 1GHz) | YUNYI | PAM-310N | WXJ097-5 | 04-24-2024 | 04-23-2025 |
| Pre-amplifier (1GHz ~ 18GHz) | YUNYI | PAM-118N | WXJ097-6 | 04-24-2024 | 04-23-2025 |
| Pre-amplifier (18GHz ~ 40GHz) | RF System | TRLA-180400G45B | WXJ002-7 | 12-27-2023 | 12-26-2024 |
| EMI Test Receiver | Rohde & Schwarz | ESCI3 | WXJ003 | 12-27-2023 | 12-26-2024 |
| Spectrum Analyzer | Rohde & Schwarz | FSP 30 | WXJ004 | 12-27-2023 | 12-26-2024 |
| Spectrum Analyzer | KEYSIGHT | N9010B | WXJ081-1 | 06-11-2024 | 06-10-2025 |
| Coaxial Cable (30MHz ~ 1GHz) | JYTSZ | JYT3M-1G-NN-13M | WXG097-1 | 08-01-2023 | 07-31-2024 |
| | | | | 07-30-2024 | 07-29-2025 |
| Coaxial Cable (1GHz ~ 18GHz) | JYTSZ | JYT3M-18G-NN-8M | WXG097-2 | 08-01-2023 | 07-31-2024 |
| | | | | 07-30-2024 | 07-29-2025 |
| Coaxial Cable (18GHz ~ 40GHz) | JYTSZ | JYT3M-40G-SS-8M | WXG097-3 | 08-01-2023 | 07-31-2024 |
| | | | | 07-30-2024 | 07-29-2025 |
| High Band Reject Filter Group | Tonscend | JS0806-F | WXJ089 | N/A | |
| Low Band Reject Filter Group | Tonscend | JS0806-F | WXJ097-4 | N/A | |
| Test Software | Tonscend | TS+ | Version: 5.0.0 | | |

| Conducted Method: | | | | | |
|---|---|---|---|---|---|
| **Test Equipment** | **Manufacturer** | **Model No.** | **Manage No.** | **Cal. Date (mm-dd-yy)** | **Cal. Due date (mm-dd-yy)** |
| Spectrum Analyzer | Keysight | N9020A | WXJ094 | 09-25-2023 | 09-24-2024 |
| Simulated Station | Rohde & Schwarz | CMW500 | WXJ081 | 06-11-2024 | 06-10-2025 |
| Temperature Humidity Chamber | ZHONG ZHI | CZ-A-80D | WXJ032-3 | 01-09-2023 | 01-08-2025 |
| DC Power Supply | Keysight | E3642A | WXJ025-2 | N/A | |
| RF Control Unit | Tonscend | JS0806-1 | WXG010 | N/A | |
| Band Reject Filter Group | Tonscend | JS0806-F | WXG010-1 | N/A | |
| Test Software | Tonscend | TS+ | Version: 2.6.9.0526 | | |

# 4 Measurement Setup and Procedure

## 4.1 Test Channel

According to ANSI C63.26-2015 chapter 5.1.2.1 Table 2 requirement, select lowest channel, middle channel, and highest channel in the frequency range in which device operates for testing. The detailed frequency points are as follows:

| LTE band 2 | | | | | |
|---|---|---|---|---|---|
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **1.4 MHz** | | | **3 MHz** | | |
| Lowest channel | 18607 | 1850.7 | Lowest channel | 18915 | 1851.5 |
| Middle channel | 18900 | 1880.0 | Middle channel | 18900 | 1880.0 |
| Highest channel | 19193 | 1909.3 | Highest channel | 19185 | 1908.5 |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 18625 | 1852.5 | Lowest channel | 18650 | 1855.0 |
| Middle channel | 18900 | 1880.0 | Middle channel | 18900 | 1880.0 |
| Highest channel | 19175 | 1907.5 | Highest channel | 19150 | 1905.0 |
| **15 MHz** | | | **20 MHz** | | |
| Lowest channel | 18675 | 1857.5 | Lowest channel | 18700 | 1860.0 |
| Middle channel | 18900 | 1880.0 | Middle channel | 18900 | 1880.0 |
| Highest channel | 19125 | 1902.5 | Highest channel | 19100 | 1900.0 |

| LTE band 5 | | | | | |
|---|---|---|---|---|---|
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **1.4 MHz** | | | **3 MHz** | | |
| Lowest channel | 20407 | 824.7 | Lowest channel | 20415 | 825.5 |
| Middle channel | 20525 | 836.5 | Middle channel | 20525 | 836.5 |
| Highest channel | 20643 | 848.3 | Highest channel | 20635 | 847.5 |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 20425 | 826.5 | Lowest channel | 20450 | 829.0 |
| Middle channel | 20525 | 836.5 | Middle channel | 20525 | 836.5 |
| Highest channel | 20625 | 846.5 | Highest channel | 20600 | 844.0 |

| LTE band 7 | | | | | |
|---|---|---|---|---|---|
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 20775 | 2502.5 | Lowest channel | 20800 | 2505.0 |
| Middle channel | 21100 | 2535.0 | Middle channel | 21100 | 2535.0 |
| Highest channel | 21425 | 2567.5 | Highest channel | 21400 | 2565.0 |
| **15 MHz** | | | **20 MHz** | | |
| Lowest channel | 20825 | 2507.5 | Lowest channel | 20850 | 2510.0 |
| Middle channel | 21100 | 2535.0 | Middle channel | 21100 | 2535.0 |
| Highest channel | 21375 | 2562.5 | Highest channel | 21350 | 2560.0 |

| LTE band 12 Include LTE band 17 | | | | | |
|---|---|---|---|---|---|
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **1.4 MHz** | | | **3 MHz** | | |
| Lowest channel | 23017 | 699.70 | Lowest channel | 23025 | 700.50 |
| Middle channel | 23095 | 707.50 | Middle channel | 23095 | 707.50 |
| Highest channel | 23173 | 715.30 | Highest channel | 23165 | 714.50 |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 23035 | 701.50 | Lowest channel | 23060 | 704.00 |
| Middle channel | 23095 | 707.50 | Middle channel | 23095 | 707.50 |
| Highest channel | 23155 | 713.50 | Highest channel | 23130 | 711.00 |
| **LTE band 13** | | | | | |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 23205 | 779.5 | Lowest channel | / | / |
| Middle channel | 23230 | 782.0 | Middle channel | 23230 | 782.00 |
| Highest channel | 23255 | 784.5 | Highest channel | / | / |
| **LTE band 41 Include LTE band 38** | | | | | |
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 39675 | 2498.5 | Lowest channel | 39700 | 2501.0 |
| Middle channel | 40620 | 2593.0 | Middle channel | 40620 | 2593.0 |
| Highest channel | 41565 | 2687.5 | Highest channel | 41540 | 2685.0 |
| **15 MHz** | | | **20 MHz** | | |
| Lowest channel | 39725 | 2503.5 | Lowest channel | 39750 | 2506.0 |
| Middle channel | 40620 | 2593.0 | Middle channel | 40620 | 2593.0 |
| Highest channel | 41515 | 2682.5 | Highest channel | 41490 | 2680.0 |
| **LTE band 42(3450-3550MHz)** | | | | | |
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 42115 | 3452.5 | Lowest channel | 42140 | 3455.0 |
| Middle channel | 42590 | 3500.0 | Middle channel | 42590 | 3500.0 |
| Highest channel | 43065 | 3547.5 | Highest channel | 43040 | 3545.0 |
| **15 MHz** | | | **20 MHz** | | |
| Lowest channel | 42165 | 3457.5 | Lowest channel | 42190 | 3460.0 |
| Middle channel | 42590 | 3500.0 | Middle channel | 42590 | 3500.0 |
| Highest channel | 43015 | 3542.5 | Highest channel | 42990 | 3540.0 |

| LTE band 66 Include LTE band 4 | | | | | |
|---|---|---|---|---|---|
| Channels | | Frequency (MHz) | Channels | | Frequency (MHz) |
| **1.4 MHz** | | | **3 MHz** | | |
| Lowest channel | 131979 | 1710.7 | Lowest channel | 131987 | 1711.5 |
| Middle channel | 132322 | 1745.0 | Middle channel | 132322 | 1745.0 |
| Highest channel | 132665 | 1779.3 | Highest channel | 132657 | 1778.5 |
| **5 MHz** | | | **10 MHz** | | |
| Lowest channel | 131997 | 1712.5 | Lowest channel | 132022 | 1715.0 |
| Middle channel | 132322 | 1745.5 | Middle channel | 132322 | 1745.0 |
| Highest channel | 132647 | 1777.5 | Highest channel | 132622 | 1775.0 |
| **15 MHz** | | | **20 MHz** | | |
| Lowest channel | 132047 | 1717.5 | Lowest channel | 132072 | 1720.0 |
| Middle channel | 132322 | 1745.0 | Middle channel | 132322 | 1745.0 |
| Highest channel | 132597 | 1772.5 | Highest channel | 132572 | 1770.0 |

**Table 4.3.1.1.7A-1: Test frequencies for CA_7C**

| Range | CC-Combo / $N_{RB\_agg}$ [RB] | CC1 Note1 | | | | | CC2 Note1 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | BW [RB] | $N_{UL}$ | $f_{UL}$ [MHz] | $N_{DL}$ | $f_{DL}$ [MHz] | BW [RB] | $N_{UL}$ | $f_{UL}$ [MHz] | $N_{DL}$ | $f_{DL}$ [MHz] |
| Low | 50+100 | 50 | 20805 | 2505.5 | 2805 | 2625.5 | 100 | 20949 | 2519.9 | 2949 | 2639.9 |
| | | 100 | 20850 | 2510 | 2850 | 2630 | 50 | 20994 | 2524.4 | 2994 | 2644.4 |
| | 75+50 | 75 | 20825 | 2507.5 | 2825 | 2627.5 | 50 | 20945 | 2519.5 | 2945 | 2639.5 |
| | 75+75 | 75 | 20825 | 2507.5 | 2825 | 2627.5 | 75 | 20975 | 2522.5 | 2975 | 2642.5 |
| | 75+100 | 75 | 20828 | 2507.8 | 2828 | 2627.8 | 100 | 20999 | 2524.9 | 2999 | 2644.9 |
| | | 100 | 20850 | 2510 | 2850 | 2630 | 75 | 21021 | 2527.1 | 3021 | 2647.1 |
| | 100+100 | 100 | 20850 | 2510 | 2850 | 2630 | 100 | 21048 | 2529.8 | 3048 | 2649.8 |
| Mid | 50+100 | 50 | 21006 | 2525.6 | 3006 | 2645.6 | 100 | 21150 | 2540 | 3150 | 2660 |
| | | 100 | 21051 | 2530.1 | 3051 | 2650.1 | 50 | 21195 | 2544.5 | 3195 | 2664.5 |
| | 75+50 | 75 | 21051 | 2530.1 | 3051 | 2650.1 | 50 | 21171 | 2542.1 | 3171 | 2662.1 |
| | 75+75 | 75 | 21025 | 2527.5 | 3025 | 2647.5 | 75 | 21175 | 2542.5 | 3175 | 2662.5 |
| | 75+100 | 75 | 21003 | 2525.3 | 3003 | 2645.3 | 100 | 21174 | 2542.4 | 3174 | 2662.4 |
| | | 100 | 21026 | 2527.6 | 3026 | 2647.6 | 75 | 21197 | 2544.7 | 3197 | 2664.7 |
| | 100+100 | 100 | 21001 | 2525.1 | 3001 | 2645.1 | 100 | 21199 | 2544.9 | 3199 | 2664.9 |
| High | 50+100 | 50 | 21206 | 2545.6 | 3206 | 2665.6 | 100 | 21350 | 2560 | 3350 | 2680 |
| | | 100 | 21251 | 2550.1 | 3251 | 2670.1 | 50 | 21395 | 2564.5 | 3395 | 2684.5 |
| | 75+50 | 75 | 21277 | 2552.7 | 3277 | 2672.7 | 50 | 21397 | 2564.7 | 3397 | 2684.7 |
| | 75+75 | 75 | 21225 | 2547.5 | 3225 | 2667.5 | 75 | 21375 | 2562.5 | 3375 | 2682.5 |
| | 75+100 | 75 | 21179 | 2542.9 | 3179 | 2662.9 | 100 | 21350 | 2560 | 3350 | 2680 |
| | | 100 | 21201 | 2545.1 | 3201 | 2665.1 | 75 | 21372 | 2562.2 | 3372 | 2682.2 |
| | 100+100 | 100 | 21152 | 2540.2 | 3152 | 2660.2 | 100 | 21350 | 2560 | 3350 | 2680 |
| Note 1: Carriers in increasing frequency order. | | | | | | | | | | | |

**Table 4.3.1.2.9A-1: Test frequencies for CA_41C**

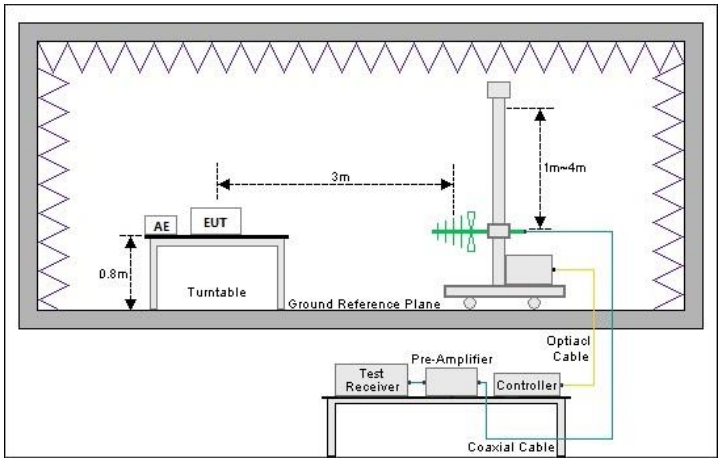
| Range | CC-Combo / $N_{RB\_agg}$ [RB] | CC1 Note1 | | | CC2 Note1 | | |
|---|---|---|---|---|---|---|---|
| | | BW [RB] | $N_{UL/DL}$ | $f_{UL/DL}$ [MHz] | BW [RB] | $N_{UL/DL}$ | $f_{UL/DL}$ [MHz] |
| Low | 25+100 | 25 | 39683 | 2499.3 | 100 | 39800 | 2511 |
| | | 100 | 39750 | 2506 | 25 | 39867 | 2517.7 |
| | 50+75 | 50 | 39703 | 2501.3 | 75 | 39823 | 2513.3 |
| | | 75 | 39725 | 2503.5 | 50 | 39845 | 2515.5 |
| | 50+100 | 50 | 39705 | 2501.5 | 100 | 39849 | 2515.9 |
| | | 100 | 39750 | 2506 | 50 | 39894 | 2520.4 |
| | 75+75 | 75 | 39725 | 2503.5 | 75 | 39875 | 2518.5 |
| | 75+100 | 75 | 39728 | 2503.8 | 100 | 39899 | 2520.9 |
| | | 100 | 39750 | 2506 | 75 | 39921 | 2523.1 |
| | 100+100 | 100 | 39750 | 2506 | 100 | 39948 | 2525.8 |
| Mid | 25+100 | 25 | 40528 | 2583.8 | 100 | 40645 | 2595.5 |
| | | 100 | 40595 | 2590.5 | 25 | 40712 | 2602.2 |
| | 50+75 | 50 | 40549 | 2585.9 | 75 | 40669 | 2597.9 |
| | | 75 | 40571 | 2588.1 | 50 | 40691 | 2600.1 |
| | 50+100 | 50 | 40526 | 2583.6 | 100 | 40670 | 2598.0 |
| | | 100 | 40571 | 2588.1 | 50 | 40715 | 2602.5 |
| | 75+75 | 75 | 40545 | 2585.5 | 75 | 40695 | 2600.5 |
| | 75+100 | 75 | 40523 | 2583.3 | 100 | 40694 | 2600.4 |
| | | 100 | 40546 | 2585.6 | 75 | 40717 | 2602.7 |
| | 100+100 | 100 | 40521 | 2583.1 | 100 | 40719 | 2602.9 |
| | 100+100[2] | 100 | 40529 | 2583.9 | 100 | 40712 | 2602.2 |
| High | 25+100 | 25 | 41373 | 2668.3 | 100 | 41490 | 2680 |
| | | 100 | 41440 | 2675 | 25 | 41557 | 2686.7 |
| | 50+75 | 50 | 41395 | 2670.5 | 75 | 41515 | 2682.5 |
| | | 75 | 41417 | 2672.7 | 50 | 41537 | 2684.7 |
| | 50+100 | 50 | 41346 | 2665.6 | 100 | 41490 | 2680 |
| | | 100 | 41391 | 2670.1 | 50 | 41535 | 2684.5 |
| | 75+75 | 75 | 41365 | 2667.5 | 75 | 41515 | 2682.5 |
| | 75+100 | 75 | 41319 | 2662.9 | 100 | 41490 | 2680 |
| | | 100 | 41341 | 2665.1 | 75 | 41512 | 2682.2 |
| | 100+100 | 100 | 41292 | 2660.2 | 100 | 41490 | 2680 |

Note 1: Carriers in increasing frequency order.
Note 2: This test frequency is applicable only for intra-band contiguous CA which requires channel spacing to be less than norminal channel spacing.

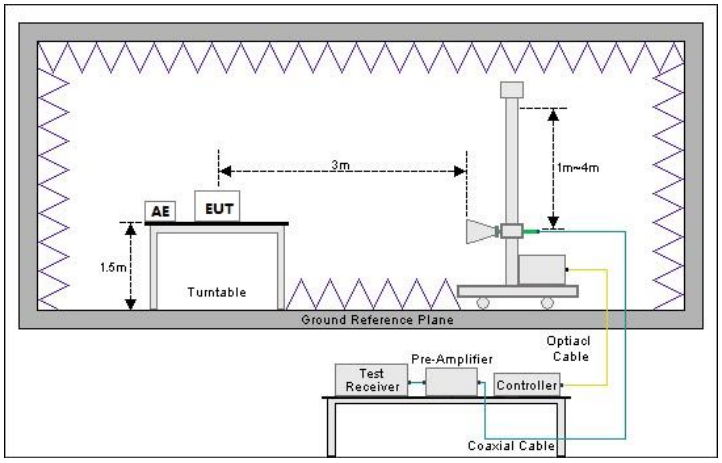
## 4.2 Test Setup

**1) Radiated emission measurement:**

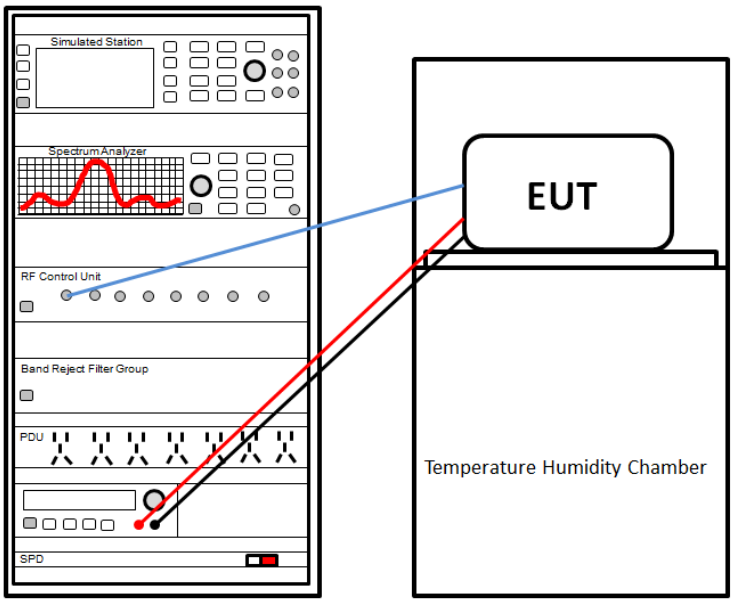
Below 1GHz (3m SAC)




Above 1GHz (3m SAC)




**2) Conducted test method**



## 4.3 Test Procedure

| Test method | Test step |
|---|---|
| Radiated emission | **For below 1GHz:**<br>1. The EUT was placed on the tabletop of a rotating table 0.8 m the ground at a 3 m semi anechoic chamber. The measurement distance from the EUT to the receiving antenna is 3 m.<br>2. EUT works in each mode of operation that needs to be tested，and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.<br>3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data.<br><br>**For above 1GHz:**<br>1. The EUT was placed on the tabletop of a rotating table 1.5 m the ground at a 3 m fully anechoic room. The measurement distance from the EUT to the receiving antenna is 3 m.<br>2. EUT works in each mode of operation that needs to be tested，and having the EUT continuously working, respectively on 3 axis (X, Y & Z) and considered typical configuration to obtain worst position. The highest signal levels relative to the limit shall be determined by rotating the EUT from 0° to 360° and with varying the measurement antenna height between 1 m and 4 m in vertical and horizontal polarizations.<br>3. Open the test software to control the test antenna and test turntable. Perform the test, save the test results, and export the test data. |
| Conducted test method | 1. The LTE antenna port of EUT was connected to the test port of the test system through an RF cable.<br>2. The EUT is keeping in continuous transmission mode and tested in all modulation modes.<br>3. Open the test software, prepare a test plan, and control the system through the software. After the test is completed, the test report is exported through the test software. |

# 5 Test Results

## 5.1 Summary

### 5.1.1 Clause and Data Summary

This report is revised according to the JYTSZ-R12-2400301 report, FCC ID: 2ADYY-AE11 issued by JianYan Testing Group Shenzhen Co., Ltd. Differences: FCC ID: 2ADYY-YYS-AE11 is in FCC ID: 2ADYY-AE11 models based on the change T6601/T6602/T6603/C3929/F6201/F6202/F6204/F6205/C3259/C3217/L3211 components of value, and changes the NFC antenna and LTE CA_7C and LTE CA_41C bands are added by software, so need to spot-check LTE Conducted Output Power and Field Strength of Spurious Radiation, add LTE CA_7C, LTE CA_41C test.

| Test items | Standard clause | Test data | Result |
|---|---|---|---|
| RF Exposure (SAR) | Part 1.1307<br>Part 2.1093 | See SAR Report | Pass |
| RF Output Power | Part 2.1046<br>Part 22.913 (a)(5)<br>Part 24.232 (c)<br>Part 27.50 (c)(10)<br>Part 27.50 (d)(4)<br>Part 27.50 (h)(2)<br>Part 27.50 (k)(3) | 1. Appendix A-LTE-CA.<br>2. See Section 5.3 | Pass |
| Peak-to-Average Power Ratio | Part 24.232 (d)<br>Part 27.50 (d)(5)<br>Part 27.50 (k)(4) | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. |
| Modulation Characteristics | Part 2.1047 | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. |
| 26dB Emission Bandwidth<br>99% Occupied Bandwidth | Part 2.1049<br>Part 27.53 (n)(2) | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. |
| Out of Band Emission at Antenna Terminals | Part 2.1051<br>Part 22.917 (a)<br>Part 24.238 (a)<br>Part 27.53 (g)<br>Part 27.53 (c)<br>Part 27.53 (h)<br>Part 27.53 (m)(4)<br>Part 27.53 (n)(2) | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. |
| Field Strength of Spurious Radiation | Part 2.1053<br>Part 22.917 (a)<br>Part 24.238 (a)<br>Part 27.53 (c)<br>Part 27.53 (g)<br>Part 27.53 (h)<br>Part 27.53 (m)(4)<br>Part 27.53 (n)(2) | See Section 5.2 | Pass |
| Frequency Stability vs. Temperature | Part 2.1055 (a)(1)(b)<br>Part 22.355<br>Part 24.235<br>Part 27.54 | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. |

| | | | |
|---|---|---|---|
| Frequency Stability vs. Voltage | Part 2.1055 (d)(2)<br>Part 22.355<br>Part 24.235<br>Part 27.54 | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. | Please refer to report JYTSZ-R12-2400301, FCC ID: 2ADYY-AE11. |
| ***Remark:***<br>*1. Pass: The EUT complies with the essential requirements in the standard.*<br>*2. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB (Fundamental Frequency below 1GHz)/1.0dB (Fundamental Frequency above 1GHz) (provided by the customer).*<br>*3. Please refer to FCC ID: 2ADYY-AE11, report No.: JYTSZ-R12-2400301 issue by JianYan Testing Group Shenzhen Co., Ltd.* | | | |
| ***Test Method:*** | *ANSI/TIA-603-E-2016*<br>*ANSI C63.26-2015* | | |

### 5.1.2 Test Limit

| Test items | Limit |
|---|---|
| RF Output Power | **LTE band 2/7/CA_7C/38/41/CA_41C:** 2W EIRP<br>**LTE band 4/42/66:** 1W EIRP<br>**LTE band 5:** 7W ERP<br>**LTE band 12/13/17:** 3W ERP |
| Peak-to-Average Power Ratio | **LTE band 2/4/25/26:**The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB<br>**Other bands:** N/A report only |
| Modulation Characteristics | N/A |
| 26dB Emission Bandwidth<br>99% Occupied Bandwidth | N/A |
| Out of Band Emission at Antenna Terminals<br><br>Field Strength of Spurious Radiation | **LTE band 2, 4, 5, 12, 13, 17, , 66, 71:**<br>The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.<br><br>**LTE band 7, CA_7C,38, 41, CA_41C:**<br>For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz.<br><br>**LTE band 42:**<br>For mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed ?13 dBm/MHz. Compliance with this paragraph (n)(2) is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed, but limited to a maximum of 200 kHz. In the bands between 1 and 5 MHz removed from the licensee's frequency block, the minimum resolution bandwidth for the measurement shall be 500 kHz. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. |

| | |
|---|---|
| Frequency Stability vs. Temperature<br><br>Frequency Stability vs. Voltage | **LTE band 2:**<br>The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.<br><br>**LTE band 4, 7, ,CA_7C, 12, 13, 17, 38, 41, CA_41C, 42, 66:**<br>The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation.<br><br>**LTE band 5:**<br>Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in Table C-1 of this section.<br>**TABLE C-1—FREQUENCY TOLERANCE FOR TRANSMITTERS IN THE PUBLIC MOBILE SERVICES** |

| Frequency range (MHz) | Base, fixed (ppm) | Mobile >3 watts (ppm) | Mobile ≤3 watts (ppm) |
|---|---|---|---|
| 25 to 50 | 20.0 | 20.0 | 50.0 |
| 50 to 450 | 5.0 | 5.0 | 50.0 |
| 450 to 512 | 2.5 | 5.0 | 5.0 |
| 821 to 896 | 1.5 | 2.5 | 2.5 |
| 928 to 929 | 5.0 | n/a | n/a |
| 929 to 960 | 1.5 | n/a | n/a |
| 2110 to 2220 | 10.0 | n/a | n/a |

## 5.2 Field Strength of Spurious Radiation Measurement

Note: All bandwidths, modulation types and RB configurations were pretested, and it was found that minimum bandwidths, QPSK modulation and 1RB0 were the worst modes, and only the worst modes were reflected in the report.

| LTE band 2 – 1.4 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3701.40 | -57.36 | -0.36 | -57.72 | -13.00 | 44.72 | Vertical |
| 5552.10 | -64.03 | 4.16 | -59.87 | -13.00 | 46.87 | Vertical |
| 7402.00 | -64.94 | 6.10 | -58.84 | -13.00 | 45.84 | Vertical |
| 3701.40 | -50.26 | -0.17 | -50.43 | -13.00 | 37.43 | Horizontal |
| 5552.10 | -64.05 | 4.07 | -59.98 | -13.00 | 46.98 | Horizontal |
| 7402.00 | -65.51 | 5.78 | -59.73 | -13.00 | 46.73 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3760.00 | -56.97 | -1.01 | -57.98 | -13.00 | 44.98 | Vertical |
| 5640.00 | -63.97 | 3.96 | -60.01 | -13.00 | 47.01 | Vertical |
| 7520.00 | -65.39 | 5.55 | -59.84 | -13.00 | 46.84 | Vertical |
| 3760.00 | -50.47 | -0.56 | -51.03 | -13.00 | 38.03 | Horizontal |
| 5640.00 | -64.07 | 4.14 | -59.93 | -13.00 | 46.93 | Horizontal |
| 7520.00 | -65.35 | 5.56 | -59.79 | -13.00 | 46.79 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3816.60 | -57.95 | -0.59 | -58.54 | -13.00 | 45.54 | Vertical |
| 5724.90 | -65.11 | 3.42 | -61.69 | -13.00 | 48.69 | Vertical |
| 7633.20 | -50.97 | 6.40 | -44.57 | -13.00 | 31.57 | Vertical |
| 3816.60 | -63.90 | -0.10 | -64.00 | -13.00 | 51.00 | Horizontal |
| 5724.90 | -65.19 | 3.80 | -61.39 | -13.00 | 48.39 | Horizontal |
| 7633.20 | -65.41 | 6.24 | -59.17 | -13.00 | 46.17 | Horizontal |
| ***Remark:*** | | | | | | |
| *1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.* | | | | | | |

| LTE band 5 – 1.4 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1649.40 | -51.77 | -11.51 | -63.28 | -13.00 | 50.28 | Vertical |
| 2474.10 | -58.98 | -8.67 | -67.65 | -13.00 | 54.65 | Vertical |
| 3298.80 | -63.15 | -3.89 | -67.04 | -13.00 | 54.04 | Vertical |
| 1649.40 | -54.31 | -10.85 | -65.16 | -13.00 | 52.16 | Horizontal |
| 2474.10 | -58.73 | -9.13 | -67.86 | -13.00 | 54.86 | Horizontal |
| 3298.80 | -62.68 | -3.96 | -66.64 | -13.00 | 53.64 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1673.30 | -51.66 | -10.70 | -62.36 | -13.00 | 49.36 | Vertical |
| 2509.50 | -59.06 | -8.66 | -67.72 | -13.00 | 54.72 | Vertical |
| 3346.00 | -62.90 | -3.33 | -66.23 | -13.00 | 53.23 | Vertical |
| 1673.30 | -54.07 | -10.28 | -64.35 | -13.00 | 51.35 | Horizontal |
| 2509.50 | -58.51 | -8.73 | -67.24 | -13.00 | 54.24 | Horizontal |
| 3346.00 | -62.93 | -3.42 | -66.35 | -13.00 | 53.35 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1696.60 | -51.70 | -9.90 | -61.60 | -13.00 | 48.60 | Vertical |
| 2544.90 | -59.18 | -8.45 | -67.63 | -13.00 | 54.63 | Vertical |
| 3393.20 | -62.51 | -2.59 | -65.10 | -13.00 | 52.10 | Vertical |
| 1696.60 | -54.00 | -9.70 | -63.70 | -13.00 | 50.70 | Horizontal |
| 2544.90 | -58.49 | -8.21 | -66.70 | -13.00 | 53.70 | Horizontal |
| 3393.20 | -63.23 | -2.65 | -65.88 | -13.00 | 52.88 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE band 7 – 5 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5005.00 | -63.83 | 3.69 | -60.14 | -25.00 | 35.14 | Vertical |
| 7507.50 | -65.39 | 5.56 | -59.83 | -25.00 | 34.83 | Vertical |
| 10010.00 | -67.38 | 10.09 | -57.29 | -25.00 | 32.29 | Vertical |
| 5005.00 | -63.54 | 4.02 | -59.52 | -25.00 | 34.52 | Horizontal |
| 7507.50 | -65.22 | 5.56 | -59.66 | -25.00 | 34.66 | Horizontal |
| 10010.00 | -66.83 | 9.47 | -57.36 | -25.00 | 32.36 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5070.00 | -64.04 | 4.23 | -59.81 | -25.00 | 34.81 | Vertical |
| 7605.00 | -65.51 | 6.06 | -59.45 | -25.00 | 34.45 | Vertical |
| 10140.00 | -67.30 | 10.48 | -56.82 | -25.00 | 31.82 | Vertical |
| 5070.00 | -64.00 | 3.51 | -60.49 | -25.00 | 35.49 | Horizontal |
| 7605.00 | -65.49 | 5.95 | -59.54 | -25.00 | 34.54 | Horizontal |
| 10140.00 | -66.92 | 10.21 | -56.71 | -25.00 | 31.71 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5135.00 | -65.88 | 3.78 | -62.10 | -25.00 | 37.10 | Vertical |
| 7702.50 | -65.88 | 6.22 | -59.66 | -25.00 | 34.66 | Vertical |
| 10270.00 | -66.92 | 11.48 | -55.44 | -25.00 | 30.44 | Vertical |
| 5135.00 | -63.41 | 3.83 | -59.58 | -25.00 | 34.58 | Horizontal |
| 7702.50 | -64.84 | 5.97 | -58.87 | -25.00 | 33.87 | Horizontal |
| 10270.00 | -66.70 | 11.00 | -55.70 | -25.00 | 30.70 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE CA_7C – 5 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5039.80 | -63.41 | 3.69 | -59.72 | -25.00 | 34.72 | Vertical |
| 7559.70 | -65.39 | 5.56 | -59.83 | -25.00 | 34.83 | Vertical |
| 10079.60 | -67.27 | 10.09 | -57.18 | -25.00 | 32.18 | Vertical |
| 5039.80 | -63.77 | 4.02 | -59.75 | -25.00 | 34.75 | Horizontal |
| 7559.70 | -65.62 | 5.56 | -60.06 | -25.00 | 35.06 | Horizontal |
| 10079.60 | -67.14 | 9.47 | -57.67 | -25.00 | 32.67 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5070.00 | -64.17 | 4.23 | -59.94 | -25.00 | 34.94 | Vertical |
| 7605.00 | -65.65 | 6.06 | -59.59 | -25.00 | 34.59 | Vertical |
| 10140.00 | -66.91 | 10.48 | -56.43 | -25.00 | 31.43 | Vertical |
| 5070.00 | -64.35 | 3.51 | -60.84 | -25.00 | 35.84 | Horizontal |
| 7605.00 | -65.60 | 5.95 | -59.65 | -25.00 | 34.65 | Horizontal |
| 10140.00 | -67.03 | 10.21 | -56.82 | -25.00 | 31.82 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5100.20 | -65.68 | 3.78 | -61.90 | -25.00 | 36.90 | Vertical |
| 7650.30 | -66.33 | 6.22 | -60.11 | -25.00 | 35.11 | Vertical |
| 10200.40 | -67.11 | 11.48 | -55.63 | -25.00 | 30.63 | Vertical |
| 5100.20 | -63.53 | 3.83 | -59.70 | -25.00 | 34.70 | Horizontal |
| 7650.30 | -64.46 | 5.97 | -58.49 | -25.00 | 33.49 | Horizontal |
| 10200.40 | -66.70 | 11.00 | -55.70 | -25.00 | 30.70 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE band 12 – 1.4 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1399.40 | -55.53 | -11.68 | -67.21 | -13.00 | 54.21 | Vertical |
| 2099.10 | -52.22 | -9.89 | -62.11 | -13.00 | 49.11 | Vertical |
| 2798.80 | -61.37 | -7.09 | -68.46 | -13.00 | 55.46 | Vertical |
| 1399.40 | -57.21 | -11.43 | -68.64 | -13.00 | 55.64 | Horizontal |
| 2099.10 | -58.69 | -9.44 | -68.13 | -13.00 | 55.13 | Horizontal |
| 2798.80 | -61.90 | -6.71 | -68.61 | -13.00 | 55.61 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1415.00 | -55.39 | -11.77 | -67.16 | -13.00 | 54.16 | Vertical |
| 2122.50 | -52.07 | -9.58 | -61.65 | -13.00 | 48.65 | Vertical |
| 2830.00 | -61.69 | -6.50 | -68.19 | -13.00 | 55.19 | Vertical |
| 1415.00 | -57.19 | -11.45 | -68.64 | -13.00 | 55.64 | Horizontal |
| 2122.50 | -58.68 | -8.86 | -67.54 | -13.00 | 54.54 | Horizontal |
| 2830.00 | -61.65 | -5.97 | -67.62 | -13.00 | 54.62 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1430.60 | -54.97 | -11.92 | -66.89 | -13.00 | 53.89 | Vertical |
| 2145.90 | -52.13 | -9.51 | -61.64 | -13.00 | 48.64 | Vertical |
| 2861.20 | -61.90 | -5.55 | -67.45 | -13.00 | 54.45 | Vertical |
| 1430.60 | -57.16 | -11.66 | -68.82 | -13.00 | 55.82 | Horizontal |
| 2145.90 | -58.38 | -9.15 | -67.53 | -13.00 | 54.53 | Horizontal |
| 2861.20 | -61.71 | -5.44 | -67.15 | -13.00 | 54.15 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE band 13 – 5 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1559.00 | -59.38 | -11.55 | -70.93 | -13.00 | 57.93 | Vertical |
| 2338.50 | -57.75 | -9.40 | -67.15 | -13.00 | 54.15 | Vertical |
| 3118.00 | -60.94 | -2.81 | -63.75 | -13.00 | 50.75 | Vertical |
| 1559.00 | -59.69 | -12.18 | -71.87 | -13.00 | 58.87 | Horizontal |
| 2338.50 | -60.11 | -9.26 | -69.37 | -13.00 | 56.37 | Horizontal |
| 3118.00 | -61.85 | -3.05 | -64.90 | -13.00 | 51.90 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1564.00 | -59.04 | -11.57 | -70.61 | -13.00 | 57.61 | Vertical |
| 2346.00 | -57.41 | -9.38 | -66.79 | -13.00 | 53.79 | Vertical |
| 3128.00 | -61.06 | -2.66 | -63.72 | -13.00 | 50.72 | Vertical |
| 1564.00 | -59.50 | -12.12 | -71.62 | -13.00 | 58.62 | Horizontal |
| 2346.00 | -60.05 | -9.27 | -69.32 | -13.00 | 56.32 | Horizontal |
| 3128.00 | -61.54 | -3.01 | -64.55 | -13.00 | 51.55 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 1569.00 | -59.00 | -11.63 | -70.63 | -13.00 | 57.63 | Vertical |
| 2353.50 | -57.85 | -9.35 | -67.20 | -13.00 | 54.20 | Vertical |
| 3138.00 | -61.24 | -2.48 | -63.72 | -13.00 | 50.72 | Vertical |
| 1569.00 | -59.17 | -12.06 | -71.23 | -13.00 | 58.23 | Horizontal |
| 2353.50 | -60.45 | -9.28 | -69.73 | -13.00 | 56.73 | Horizontal |
| 3138.00 | -61.30 | -2.96 | -64.26 | -13.00 | 51.26 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE band 41 – 5 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 4997.00 | -64.24 | 3.56 | -60.68 | -25.00 | 35.68 | Vertical |
| 7495.50 | -65.69 | 5.68 | -60.01 | -25.00 | 35.01 | Vertical |
| 9994.00 | -67.53 | 9.96 | -57.57 | -25.00 | 32.57 | Vertical |
| 4997.00 | -64.19 | 4.08 | -60.11 | -25.00 | 35.11 | Horizontal |
| 7495.50 | -65.52 | 5.52 | -60.00 | -25.00 | 35.00 | Horizontal |
| 9994.00 | -67.30 | 9.64 | -57.66 | -25.00 | 32.66 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5186.00 | -64.32 | 3.35 | -60.97 | -25.00 | 35.97 | Vertical |
| 7779.00 | -65.67 | 8.21 | -57.46 | -25.00 | 32.46 | Vertical |
| 10372.00 | -67.25 | 10.91 | -56.34 | -25.00 | 31.34 | Vertical |
| 5186.00 | -63.99 | 3.29 | -60.70 | -25.00 | 35.70 | Horizontal |
| 7779.00 | -65.82 | 8.05 | -57.77 | -25.00 | 32.77 | Horizontal |
| 10372.00 | -67.36 | 10.39 | -56.97 | -25.00 | 31.97 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5375.00 | -63.46 | 4.30 | -59.16 | -25.00 | 34.16 | Vertical |
| 8062.50 | -65.46 | 8.18 | -57.28 | -25.00 | 32.28 | Vertical |
| 10750.00 | -67.37 | 11.78 | -55.59 | -25.00 | 30.59 | Vertical |
| 5375.00 | -64.51 | 4.29 | -60.22 | -25.00 | 35.22 | Horizontal |
| 8062.50 | -65.72 | 8.89 | -56.83 | -25.00 | 31.83 | Horizontal |
| 10750.00 | -67.42 | 11.20 | -56.22 | -25.00 | 31.22 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE CA_41C – 5 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5029.10 | -63.69 | 3.56 | -60.13 | -25.00 | 35.13 | Vertical |
| 7543.65 | -66.01 | 5.68 | -60.33 | -25.00 | 35.33 | Vertical |
| 10058.20 | -67.83 | 9.96 | -57.87 | -25.00 | 32.87 | Vertical |
| 5029.10 | -64.00 | 4.08 | -59.92 | -25.00 | 34.92 | Horizontal |
| 7543.65 | -65.32 | 5.52 | -59.80 | -25.00 | 34.80 | Horizontal |
| 10058.20 | -67.12 | 9.64 | -57.48 | -25.00 | 32.48 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5186.10 | -64.05 | 3.35 | -60.70 | -25.00 | 35.70 | Vertical |
| 7779.15 | -65.31 | 8.21 | -57.10 | -25.00 | 32.10 | Vertical |
| 10372.20 | -66.57 | 10.91 | -55.66 | -25.00 | 30.66 | Vertical |
| 5186.10 | -64.13 | 3.29 | -60.84 | -25.00 | 35.84 | Horizontal |
| 7779.15 | -66.16 | 8.05 | -58.11 | -25.00 | 33.11 | Horizontal |
| 10372.20 | -67.62 | 10.39 | -57.23 | -25.00 | 32.23 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 5340.20 | -63.29 | 4.30 | -58.99 | -25.00 | 33.99 | Vertical |
| 8010.30 | -65.40 | 8.18 | -57.22 | -25.00 | 32.22 | Vertical |
| 10680.40 | -67.08 | 11.78 | -55.30 | -25.00 | 30.30 | Vertical |
| 5340.20 | -64.63 | 4.29 | -60.34 | -25.00 | 35.34 | Horizontal |
| 8010.30 | -65.67 | 8.89 | -56.78 | -25.00 | 31.78 | Horizontal |
| 10680.40 | -67.32 | 11.20 | -56.12 | -25.00 | 31.12 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

| LTE band 66 – 1.4 MHz bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| **Lowest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3421.40 | -63.34 | -2.15 | -65.49 | -13.00 | 52.49 | Vertical |
| 5132.10 | -63.90 | 3.80 | -60.10 | -13.00 | 47.10 | Vertical |
| 6842.80 | -65.58 | 5.86 | -59.72 | -13.00 | 46.72 | Vertical |
| 3421.40 | -63.81 | -2.22 | -66.03 | -13.00 | 53.03 | Horizontal |
| 5132.10 | -65.10 | 3.86 | -61.24 | -13.00 | 48.24 | Horizontal |
| 6842.80 | -64.73 | 6.07 | -58.66 | -13.00 | 45.66 | Horizontal |
| **Middle channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3490.00 | -63.36 | -3.02 | -66.38 | -13.00 | 53.38 | Vertical |
| 5235.00 | -64.29 | 3.17 | -61.12 | -13.00 | 48.12 | Vertical |
| 6980.00 | -65.20 | 5.49 | -59.71 | -13.00 | 46.71 | Vertical |
| 3490.00 | -63.54 | -2.92 | -66.46 | -13.00 | 53.46 | Horizontal |
| 5235.00 | -64.39 | 3.32 | -61.07 | -13.00 | 48.07 | Horizontal |
| 6980.00 | -65.31 | 5.46 | -59.85 | -13.00 | 46.85 | Horizontal |
| **Highest channel** | | | | | | |
| Frequency (MHz) | Reading Level (dBm) | Factor (dB) | Level (dBm) | Limit (dBm) | Margin (dB) | Polarization |
| 3558.60 | -63.18 | -2.25 | -65.43 | -13.00 | 52.43 | Vertical |
| 5337.90 | -63.93 | 4.23 | -59.70 | -13.00 | 46.70 | Vertical |
| 7117.20 | -65.57 | 5.53 | -60.04 | -13.00 | 47.04 | Vertical |
| 3558.60 | -63.52 | -2.22 | -65.74 | -13.00 | 52.74 | Horizontal |
| 5337.90 | -64.83 | 4.19 | -60.64 | -13.00 | 47.64 | Horizontal |
| 7117.20 | -64.93 | 5.32 | -59.61 | -13.00 | 46.61 | Horizontal |

***Remark:***

*1. The emission levels of below 1 GHz are lower than the limit 10dB, so not show in test report.*

## 5.3 Radiated Power Output Spot-check

### 5.3.1 Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Conducted Power (dBm) | Unflip ERP/EIRP (dBm) | Flip ERP/EIRP (dBm) | ERP/EIRP Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | 23.88 | 23.58 | 17.75 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#2 | 23.84 | 23.54 | 17.71 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | 23.88 | 23.58 | 17.75 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 3RB#0 | 24.03 | 23.73 | 17.9 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 3RB#1 | 24.04 | 23.74 | 17.91 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 3RB#2 | 24.05 | 23.75 | 17.92 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | 22.97 | 22.67 | 16.84 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#0 | 24.07 | 23.77 | 17.94 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#2 | 24.07 | 23.77 | 17.94 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 1RB#5 | 24.04 | 23.74 | 17.91 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 3RB#0 | 24.15 | 23.85 | 18.02 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 3RB#1 | 24.16 | 23.86 | 18.03 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 3RB#2 | 24.14 | 23.84 | 18.01 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 6RB#0 | 23.14 | 22.84 | 17.01 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | 23.84 | 23.54 | 17.71 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#2 | 23.80 | 23.5 | 17.67 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | 23.80 | 23.5 | 17.67 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 3RB#0 | 23.98 | 23.68 | 17.85 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 3RB#1 | 23.97 | 23.67 | 17.84 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 3RB#2 | 23.99 | 23.69 | 17.86 | 33.01 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | 22.92 | 22.62 | 16.79 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#0 | 23.96 | 23.66 | 17.83 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#7 | 23.99 | 23.69 | 17.86 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#14 | 24.00 | 23.7 | 17.87 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 8RB#0 | 22.91 | 22.61 | 16.78 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 8RB#4 | 22.92 | 22.62 | 16.79 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 8RB#7 | 22.93 | 22.63 | 16.8 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 15RB#0 | 22.91 | 22.61 | 16.78 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#0 | 24.20 | 23.9 | 18.07 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#7 | 24.21 | 23.91 | 18.08 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 1RB#14 | 24.19 | 23.89 | 18.06 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 8RB#0 | 23.15 | 22.85 | 17.02 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 8RB#4 | 23.16 | 22.86 | 17.03 | 33.01 | PASS |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band2 | 3MHz | QPSK | 18900 | 8RB#7 | 23.10 | 22.8 | 16.97 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 15RB#0 | 23.12 | 22.82 | 16.99 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#0 | 23.91 | 23.61 | 17.78 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#7 | 23.86 | 23.56 | 17.73 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#14 | 23.84 | 23.54 | 17.71 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 8RB#0 | 23.02 | 22.72 | 16.89 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 8RB#4 | 23.02 | 22.72 | 16.89 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 8RB#7 | 22.94 | 22.64 | 16.81 | 33.01 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 15RB#0 | 22.99 | 22.69 | 16.86 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#0 | 24.13 | 23.83 | 18 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#12 | 24.18 | 23.88 | 18.05 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#24 | 24.12 | 23.82 | 17.99 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 12RB#0 | 22.94 | 22.64 | 16.81 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 12RB#6 | 22.95 | 22.65 | 16.82 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 12RB#11 | 22.94 | 22.64 | 16.81 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 25RB#0 | 22.97 | 22.67 | 16.84 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#0 | 24.35 | 24.05 | 18.22 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#12 | 24.40 | 24.1 | 18.27 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 1RB#24 | 24.36 | 24.06 | 18.23 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 12RB#0 | 23.20 | 22.9 | 17.07 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 12RB#6 | 23.21 | 22.91 | 17.08 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 12RB#11 | 23.20 | 22.9 | 17.07 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 25RB#0 | 23.18 | 22.88 | 17.05 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#0 | 24.18 | 23.88 | 18.05 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#12 | 24.16 | 23.86 | 18.03 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#24 | 24.10 | 23.8 | 17.97 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 12RB#0 | 23.04 | 22.74 | 16.91 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 12RB#6 | 23.04 | 22.74 | 16.91 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 12RB#11 | 23.05 | 22.75 | 16.92 | 33.01 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 25RB#0 | 23.03 | 22.73 | 16.9 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#0 | 24.02 | 23.72 | 17.89 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#24 | 24.02 | 23.72 | 17.89 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#49 | 23.96 | 23.66 | 17.83 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 25RB#0 | 22.89 | 22.59 | 16.76 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 25RB#12 | 22.91 | 22.61 | 16.78 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 25RB#24 | 22.92 | 22.62 | 16.79 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 50RB#0 | 22.92 | 22.62 | 16.79 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#0 | 24.23 | 23.93 | 18.1 | 33.01 | PASS |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band2 | 10MHz | QPSK | 18900 | 1RB#24 | 24.24 | 23.94 | 18.11 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 1RB#49 | 24.28 | 23.98 | 18.15 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 25RB#0 | 23.16 | 22.86 | 17.03 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 25RB#12 | 23.21 | 22.91 | 17.08 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 25RB#24 | 23.20 | 22.9 | 17.07 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 50RB#0 | 23.16 | 22.86 | 17.03 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#0 | 24.07 | 23.77 | 17.94 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#24 | 24.05 | 23.75 | 17.92 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#49 | 23.89 | 23.59 | 17.76 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 25RB#0 | 23.07 | 22.77 | 16.94 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 25RB#12 | 23.09 | 22.79 | 16.96 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 25RB#24 | 23.08 | 22.78 | 16.95 | 33.01 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 50RB#0 | 23.06 | 22.76 | 16.93 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#0 | 23.97 | 23.67 | 17.84 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#37 | 23.98 | 23.68 | 17.85 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#74 | 23.94 | 23.64 | 17.81 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 36RB#0 | 22.86 | 22.56 | 16.73 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 36RB#16 | 22.91 | 22.61 | 16.78 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 36RB#35 | 22.89 | 22.59 | 16.76 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 75RB#0 | 22.91 | 22.61 | 16.78 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#0 | 24.10 | 23.8 | 17.97 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#37 | 24.25 | 23.95 | 18.12 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 1RB#74 | 24.24 | 23.94 | 18.11 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 36RB#0 | 23.09 | 22.79 | 16.96 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 36RB#16 | 23.10 | 22.8 | 16.97 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 36RB#35 | 23.09 | 22.79 | 16.96 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 75RB#0 | 23.19 | 22.89 | 17.06 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#0 | 24.04 | 23.74 | 17.91 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#37 | 24.02 | 23.72 | 17.89 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#74 | 23.91 | 23.61 | 17.78 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 36RB#0 | 23.13 | 22.83 | 17 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 36RB#16 | 23.10 | 22.8 | 16.97 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 36RB#35 | 23.10 | 22.8 | 16.97 | 33.01 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 75RB#0 | 23.09 | 22.79 | 16.96 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | 24.02 | 23.72 | 17.89 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#49 | 24.06 | 23.76 | 17.93 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | 23.99 | 23.69 | 17.86 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 50RB#0 | 22.86 | 22.56 | 16.73 | 33.01 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band2 | 20MHz | QPSK | 18700 | 50RB#24 | 22.86 | 22.56 | 16.73 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 50RB#49 | 22.85 | 22.55 | 16.72 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | 22.87 | 22.57 | 16.74 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#0 | 24.13 | 23.83 | 18 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#49 | 24.36 | 24.06 | 18.23 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 1RB#99 | 24.30 | 24 | 18.17 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 50RB#0 | 23.17 | 22.87 | 17.04 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 50RB#24 | 23.17 | 22.87 | 17.04 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 50RB#49 | 23.16 | 22.86 | 17.03 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 100RB#0 | 23.16 | 22.86 | 17.03 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | 24.09 | 23.79 | 17.96 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#49 | 24.14 | 23.84 | 18.01 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | 23.95 | 23.65 | 17.82 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 50RB#0 | 23.21 | 22.91 | 17.08 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 50RB#24 | 23.22 | 22.92 | 17.09 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 50RB#49 | 23.22 | 22.92 | 17.09 | 33.01 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | 23.14 | 22.84 | 17.01 | 33.01 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#0 | 24.26 | 15.08 | 10.33 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#2 | 24.22 | 15.04 | 10.29 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 1RB#5 | 24.24 | 15.06 | 10.31 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#0 | 24.30 | 15.12 | 10.37 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#1 | 24.30 | 15.12 | 10.37 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 3RB#2 | 24.29 | 15.11 | 10.36 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20407 | 6RB#0 | 23.28 | 14.1 | 9.35 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#0 | 23.32 | 14.14 | 9.39 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#2 | 24.24 | 15.06 | 10.31 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 1RB#5 | 24.27 | 15.09 | 10.34 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#0 | 24.34 | 15.16 | 10.41 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#1 | 24.36 | 15.18 | 10.43 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 3RB#2 | 24.31 | 15.13 | 10.38 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20525 | 6RB#0 | 23.34 | 14.16 | 9.41 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#0 | 24.22 | 15.04 | 10.29 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#2 | 24.22 | 15.04 | 10.29 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 1RB#5 | 24.19 | 15.01 | 10.26 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#0 | 24.23 | 15.05 | 10.3 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#1 | 24.23 | 15.05 | 10.3 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 3RB#2 | 24.21 | 15.03 | 10.28 | 38.45 | PASS |
| Band5 | 1.4MHz | QPSK | 20643 | 6RB#0 | 23.27 | 14.09 | 9.34 | 38.45 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band5 | 3MHz | QPSK | 20415 | 1RB#0 | 24.25 | 15.07 | 10.32 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#7 | 24.28 | 15.1 | 10.35 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 1RB#14 | 24.25 | 15.07 | 10.32 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#0 | 23.26 | 14.08 | 9.33 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#4 | 23.29 | 14.11 | 9.36 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 8RB#7 | 23.26 | 14.08 | 9.33 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20415 | 15RB#0 | 23.28 | 14.1 | 9.35 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#0 | 23.32 | 14.14 | 9.39 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#7 | 24.26 | 15.08 | 10.33 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 1RB#14 | 24.26 | 15.08 | 10.33 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#0 | 23.29 | 14.11 | 9.36 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#4 | 23.28 | 14.1 | 9.35 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 8RB#7 | 23.33 | 14.15 | 9.4 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20525 | 15RB#0 | 23.33 | 14.15 | 9.4 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#0 | 24.27 | 15.09 | 10.34 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#7 | 24.30 | 15.12 | 10.37 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 1RB#14 | 24.29 | 15.11 | 10.36 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#0 | 23.24 | 14.06 | 9.31 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#4 | 23.26 | 14.08 | 9.33 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 8RB#7 | 23.24 | 14.06 | 9.31 | 38.45 | PASS |
| Band5 | 3MHz | QPSK | 20635 | 15RB#0 | 23.30 | 14.12 | 9.37 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#0 | 24.42 | 15.24 | 10.49 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#12 | 24.40 | 15.22 | 10.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 1RB#24 | 24.43 | 15.25 | 10.5 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#0 | 23.22 | 14.04 | 9.29 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#6 | 23.26 | 14.08 | 9.33 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 12RB#11 | 23.26 | 14.08 | 9.33 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20425 | 25RB#0 | 23.25 | 14.07 | 9.32 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#0 | 23.30 | 14.12 | 9.37 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#12 | 24.38 | 15.2 | 10.45 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 1RB#24 | 24.45 | 15.27 | 10.52 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#0 | 23.36 | 14.18 | 9.43 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#6 | 23.32 | 14.14 | 9.39 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 12RB#11 | 23.35 | 14.17 | 9.42 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20525 | 25RB#0 | 23.30 | 14.12 | 9.37 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#0 | 24.40 | 15.22 | 10.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#12 | 24.40 | 15.22 | 10.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 1RB#24 | 24.43 | 15.25 | 10.5 | 38.45 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band5 | 5MHz | QPSK | 20625 | 12RB#0 | 23.28 | 14.1 | 9.35 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#6 | 23.29 | 14.11 | 9.36 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 12RB#11 | 23.28 | 14.1 | 9.35 | 38.45 | PASS |
| Band5 | 5MHz | QPSK | 20625 | 25RB#0 | 23.23 | 14.05 | 9.3 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#0 | 24.33 | 15.15 | 10.4 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#24 | 24.33 | 15.15 | 10.4 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 1RB#49 | 24.26 | 15.08 | 10.33 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#0 | 23.20 | 14.02 | 9.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#12 | 23.19 | 14.01 | 9.26 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 25RB#24 | 23.19 | 14.01 | 9.26 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20450 | 50RB#0 | 23.22 | 14.04 | 9.29 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#0 | 24.22 | 15.04 | 10.29 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#24 | 24.31 | 15.13 | 10.38 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 1RB#49 | 24.26 | 15.08 | 10.33 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#0 | 23.35 | 14.17 | 9.42 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#12 | 23.35 | 14.17 | 9.42 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 25RB#24 | 23.34 | 14.16 | 9.41 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20525 | 50RB#0 | 23.37 | 14.19 | 9.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#0 | 24.18 | 15 | 10.25 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#24 | 24.24 | 15.06 | 10.31 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 1RB#49 | 24.23 | 15.05 | 10.3 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#0 | 23.20 | 14.02 | 9.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#12 | 23.20 | 14.02 | 9.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 25RB#24 | 23.20 | 14.02 | 9.27 | 38.45 | PASS |
| Band5 | 10MHz | QPSK | 20600 | 50RB#0 | 23.27 | 14.09 | 9.34 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#0 | 23.13 | 20.13 | 19.94 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#12 | 23.20 | 20.2 | 20.01 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 1RB#24 | 23.21 | 20.21 | 20.02 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#0 | 22.00 | 19 | 18.81 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#6 | 21.99 | 18.99 | 18.8 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 12RB#11 | 22.01 | 19.01 | 18.82 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 20775 | 25RB#0 | 22.01 | 19.01 | 18.82 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#0 | 21.98 | 18.98 | 18.79 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#12 | 23.09 | 20.09 | 19.9 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 1RB#24 | 23.11 | 20.11 | 19.92 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#0 | 21.99 | 18.99 | 18.8 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#6 | 22.02 | 19.02 | 18.83 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21100 | 12RB#11 | 22.01 | 19.01 | 18.82 | 38.45 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band7 | 5MHz | QPSK | 21100 | 25RB#0 | 22.01 | 19.01 | 18.82 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#0 | 23.06 | 20.06 | 19.87 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#12 | 23.09 | 20.09 | 19.9 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 1RB#24 | 23.12 | 20.12 | 19.93 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#0 | 21.99 | 18.99 | 18.8 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#6 | 22.02 | 19.02 | 18.83 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 12RB#11 | 22.01 | 19.01 | 18.82 | 38.45 | PASS |
| Band7 | 5MHz | QPSK | 21425 | 25RB#0 | 21.97 | 18.97 | 18.78 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#0 | 23.02 | 20.02 | 19.83 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#24 | 23.09 | 20.09 | 19.9 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 1RB#49 | 23.11 | 20.11 | 19.92 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#0 | 21.97 | 18.97 | 18.78 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#12 | 21.94 | 18.94 | 18.75 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 25RB#24 | 21.97 | 18.97 | 18.78 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 20800 | 50RB#0 | 22.03 | 19.03 | 18.84 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#0 | 22.02 | 19.02 | 18.83 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#24 | 23.01 | 20.01 | 19.82 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 1RB#49 | 22.92 | 19.92 | 19.73 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#0 | 22.00 | 19 | 18.81 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#12 | 22.02 | 19.02 | 18.83 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 25RB#24 | 22.02 | 19.02 | 18.83 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21100 | 50RB#0 | 22.05 | 19.05 | 18.86 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#0 | 22.86 | 19.86 | 19.67 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#24 | 22.92 | 19.92 | 19.73 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 1RB#49 | 22.87 | 19.87 | 19.68 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#0 | 21.97 | 18.97 | 18.78 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#12 | 21.99 | 18.99 | 18.8 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 25RB#24 | 22.00 | 19 | 18.81 | 38.45 | PASS |
| Band7 | 10MHz | QPSK | 21400 | 50RB#0 | 22.01 | 19.01 | 18.82 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#0 | 23.32 | 20.32 | 20.13 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#37 | 23.54 | 20.54 | 20.35 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 1RB#74 | 23.47 | 20.47 | 20.28 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#0 | 22.31 | 19.31 | 19.12 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#16 | 22.31 | 19.31 | 19.12 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 36RB#35 | 22.37 | 19.37 | 19.18 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 20825 | 75RB#0 | 22.46 | 19.46 | 19.27 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#0 | 22.50 | 19.5 | 19.31 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 1RB#37 | 23.48 | 20.48 | 20.29 | 38.45 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band7 | 15MHz | QPSK | 21100 | 1RB#74 | 23.43 | 20.43 | 20.24 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#0 | 22.52 | 19.52 | 19.33 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#16 | 22.47 | 19.47 | 19.28 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 36RB#35 | 22.47 | 19.47 | 19.28 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21100 | 75RB#0 | 22.53 | 19.53 | 19.34 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#0 | 23.37 | 20.37 | 20.18 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#37 | 23.50 | 20.5 | 20.31 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 1RB#74 | 23.47 | 20.47 | 20.28 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#0 | 22.49 | 19.49 | 19.3 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#16 | 22.53 | 19.53 | 19.34 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 36RB#35 | 22.46 | 19.46 | 19.27 | 38.45 | PASS |
| Band7 | 15MHz | QPSK | 21375 | 75RB#0 | 22.55 | 19.55 | 19.36 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#0 | 23.45 | 20.45 | 20.26 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#49 | 23.67 | 20.67 | 20.48 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 1RB#99 | 23.64 | 20.64 | 20.45 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#0 | 22.40 | 19.4 | 19.21 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#24 | 22.40 | 19.4 | 19.21 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 50RB#49 | 22.42 | 19.42 | 19.23 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 20850 | 100RB#0 | 22.44 | 19.44 | 19.25 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#0 | 22.51 | 19.51 | 19.32 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#49 | 23.60 | 20.6 | 20.41 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 1RB#99 | 23.48 | 20.48 | 20.29 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#0 | 22.53 | 19.53 | 19.34 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#24 | 22.54 | 19.54 | 19.35 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 50RB#49 | 22.53 | 19.53 | 19.34 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21100 | 100RB#0 | 22.52 | 19.52 | 19.33 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#0 | 23.26 | 20.26 | 20.07 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#49 | 23.45 | 20.45 | 20.26 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 1RB#99 | 23.39 | 20.39 | 20.2 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#0 | 22.54 | 19.54 | 19.35 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#24 | 22.53 | 19.53 | 19.34 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 50RB#49 | 22.54 | 19.54 | 19.35 | 38.45 | PASS |
| Band7 | 20MHz | QPSK | 21350 | 100RB#0 | 22.47 | 19.47 | 19.28 | 38.45 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | 23.97 | 16.89 | 10.65 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#2 | 23.97 | 16.89 | 10.65 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#5 | 23.97 | 16.89 | 10.65 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#0 | 24.04 | 16.96 | 10.72 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#1 | 24.04 | 16.96 | 10.72 | 34.77 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#2 | 24.03 | 16.95 | 10.71 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 23.04 | 15.96 | 9.72 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | 23.97 | 16.89 | 10.65 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#2 | 23.90 | 16.82 | 10.58 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#5 | 23.94 | 16.86 | 10.62 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#0 | 24.01 | 16.93 | 10.69 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#1 | 24.02 | 16.94 | 10.7 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#2 | 24.04 | 16.96 | 10.72 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 23.00 | 15.92 | 9.68 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | 23.84 | 16.76 | 10.52 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#2 | 23.83 | 16.75 | 10.51 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#5 | 23.85 | 16.77 | 10.53 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#0 | 23.85 | 16.77 | 10.53 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#1 | 23.86 | 16.78 | 10.54 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#2 | 23.88 | 16.8 | 10.56 | 34.77 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 22.95 | 15.87 | 9.63 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#0 | 24.02 | 16.94 | 10.7 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#7 | 24.03 | 16.95 | 10.71 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#14 | 24.03 | 16.95 | 10.71 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#0 | 23.01 | 15.93 | 9.69 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#4 | 22.99 | 15.91 | 9.67 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#7 | 22.97 | 15.89 | 9.65 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 23.00 | 15.92 | 9.68 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#0 | 23.92 | 16.84 | 10.6 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#7 | 23.92 | 16.84 | 10.6 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#14 | 23.90 | 16.82 | 10.58 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#0 | 22.93 | 15.85 | 9.61 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#4 | 22.95 | 15.87 | 9.63 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#7 | 22.90 | 15.82 | 9.58 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 22.93 | 15.85 | 9.61 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#0 | 23.92 | 16.84 | 10.6 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#7 | 23.89 | 16.81 | 10.57 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#14 | 23.87 | 16.79 | 10.55 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#0 | 22.93 | 15.85 | 9.61 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#4 | 22.92 | 15.84 | 9.6 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#7 | 22.90 | 15.82 | 9.58 | 34.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 22.93 | 15.85 | 9.61 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#0 | 24.17 | 17.09 | 10.85 | 34.77 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band12 | 5MHz | QPSK | 23035 | 1RB#12 | 24.21 | 17.13 | 10.89 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#24 | 24.28 | 17.2 | 10.96 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#0 | 23.03 | 15.95 | 9.71 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#6 | 23.04 | 15.96 | 9.72 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#11 | 23.03 | 15.95 | 9.71 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 23.04 | 15.96 | 9.72 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#0 | 24.14 | 17.06 | 10.82 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#12 | 24.12 | 17.04 | 10.8 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#24 | 24.12 | 17.04 | 10.8 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#0 | 23.00 | 15.92 | 9.68 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#6 | 22.99 | 15.91 | 9.67 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#11 | 22.99 | 15.91 | 9.67 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 22.95 | 15.87 | 9.63 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#0 | 24.08 | 17 | 10.76 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#12 | 24.07 | 16.99 | 10.75 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#24 | 24.19 | 17.11 | 10.87 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#0 | 23.03 | 15.95 | 9.71 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#6 | 23.05 | 15.97 | 9.73 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#11 | 23.04 | 15.96 | 9.72 | 34.77 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 22.96 | 15.88 | 9.64 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 23.98 | 16.9 | 10.66 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#24 | 24.14 | 17.06 | 10.82 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#49 | 24.03 | 16.95 | 10.71 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#0 | 23.11 | 16.03 | 9.79 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#12 | 23.09 | 16.01 | 9.77 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#24 | 23.10 | 16.02 | 9.78 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 23.13 | 16.05 | 9.81 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 24.00 | 16.92 | 10.68 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#24 | 24.07 | 16.99 | 10.75 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#49 | 24.08 | 17 | 10.76 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#0 | 23.02 | 15.94 | 9.7 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#12 | 22.99 | 15.91 | 9.67 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#24 | 22.98 | 15.9 | 9.66 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 23.03 | 15.95 | 9.71 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 23.95 | 16.87 | 10.63 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#24 | 24.03 | 16.95 | 10.71 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#49 | 23.95 | 16.87 | 10.63 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#0 | 22.99 | 15.91 | 9.67 | 34.77 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band12 | 10MHz | QPSK | 23130 | 25RB#12 | 22.98 | 15.9 | 9.66 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#24 | 22.99 | 15.91 | 9.67 | 34.77 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 22.97 | 15.89 | 9.65 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 1RB#0 | 23.13 | 15.25 | 10.1 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 1RB#12 | 24.24 | 16.36 | 11.21 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 1RB#24 | 24.28 | 16.4 | 11.25 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 12RB#0 | 23.11 | 15.23 | 10.08 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 12RB#6 | 23.11 | 15.23 | 10.08 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 12RB#11 | 23.08 | 15.2 | 10.05 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23205 | 25RB#0 | 23.11 | 15.23 | 10.08 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 1RB#0 | 24.32 | 16.44 | 11.29 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 1RB#12 | 24.29 | 16.41 | 11.26 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 1RB#24 | 24.28 | 16.4 | 11.25 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 12RB#0 | 23.10 | 15.22 | 10.07 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 12RB#6 | 23.11 | 15.23 | 10.08 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 12RB#11 | 23.13 | 15.25 | 10.1 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23230 | 25RB#0 | 23.12 | 15.24 | 10.09 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 1RB#0 | 24.27 | 16.39 | 11.24 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 1RB#12 | 24.22 | 16.34 | 11.19 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 1RB#24 | 24.27 | 16.39 | 11.24 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 12RB#0 | 23.12 | 15.24 | 10.09 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 12RB#6 | 23.12 | 15.24 | 10.09 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 12RB#11 | 23.08 | 15.2 | 10.05 | 34.77 | PASS |
| Band13 | 5MHz | QPSK | 23255 | 25RB#0 | 23.08 | 15.2 | 10.05 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 1RB#0 | 24.21 | 16.33 | 11.18 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 1RB#24 | 24.21 | 16.33 | 11.18 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 1RB#49 | 24.19 | 16.31 | 11.16 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 25RB#0 | 23.10 | 15.22 | 10.07 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 25RB#12 | 23.13 | 15.25 | 10.1 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 25RB#24 | 23.13 | 15.25 | 10.1 | 34.77 | PASS |
| Band13 | 10MHz | QPSK | 23230 | 50RB#0 | 23.15 | 15.27 | 10.12 | 34.77 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#0 | 24.27 | 21.27 | 21.08 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#12 | 24.30 | 21.3 | 21.11 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 1RB#24 | 24.35 | 21.35 | 21.16 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 12RB#0 | 23.08 | 20.08 | 19.89 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 12RB#6 | 23.06 | 20.06 | 19.87 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 12RB#11 | 23.05 | 20.05 | 19.86 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40065 | 25RB#0 | 23.03 | 20.03 | 19.84 | 33.01 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band41 | 5MHz | QPSK | 40640 | 1RB#0 | 24.28 | 21.28 | 21.09 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40640 | 1RB#12 | 24.28 | 21.28 | 21.09 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40640 | 1RB#24 | 24.31 | 21.31 | 21.12 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40640 | 12RB#0 | 23.04 | 20.04 | 19.85 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40640 | 12RB#6 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40640 | 12RB#11 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 40640 | 25RB#0 | 23.05 | 20.05 | 19.86 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#0 | 22.86 | 19.86 | 19.67 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#12 | 23.86 | 20.86 | 20.67 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 1RB#24 | 23.87 | 20.87 | 20.68 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 12RB#0 | 22.89 | 19.89 | 19.7 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 12RB#6 | 22.91 | 19.91 | 19.72 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 12RB#11 | 22.90 | 19.9 | 19.71 | 33.01 | PASS |
| Band41 | 5MHz | QPSK | 41215 | 25RB#0 | 22.88 | 19.88 | 19.69 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 1RB#0 | 23.98 | 20.98 | 20.79 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 1RB#24 | 24.04 | 21.04 | 20.85 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 1RB#49 | 24.03 | 21.03 | 20.84 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 25RB#0 | 23.00 | 20 | 19.81 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 25RB#12 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 25RB#24 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40090 | 50RB#0 | 23.03 | 20.03 | 19.84 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 1RB#0 | 24.09 | 21.09 | 20.9 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 1RB#24 | 24.13 | 21.13 | 20.94 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 1RB#49 | 24.11 | 21.11 | 20.92 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 25RB#0 | 23.04 | 20.04 | 19.85 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 25RB#12 | 23.08 | 20.08 | 19.89 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 25RB#24 | 23.07 | 20.07 | 19.88 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 40640 | 50RB#0 | 23.05 | 20.05 | 19.86 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#0 | 22.90 | 19.9 | 19.71 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#24 | 23.94 | 20.94 | 20.75 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 1RB#49 | 23.89 | 20.89 | 20.7 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 25RB#0 | 22.88 | 19.88 | 19.69 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 25RB#12 | 22.91 | 19.91 | 19.72 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 25RB#24 | 22.87 | 19.87 | 19.68 | 33.01 | PASS |
| Band41 | 10MHz | QPSK | 41190 | 50RB#0 | 22.92 | 19.92 | 19.73 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40115 | 1RB#0 | 24.12 | 21.12 | 20.93 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40115 | 1RB#37 | 24.21 | 21.21 | 21.02 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40115 | 1RB#74 | 24.24 | 21.24 | 21.05 | 33.01 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band41 | 15MHz | QPSK | 40115 | 36RB#0 | 22.94 | 19.94 | 19.75 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40115 | 36RB#16 | 22.99 | 19.99 | 19.8 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40115 | 36RB#35 | 22.93 | 19.93 | 19.74 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40115 | 75RB#0 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 1RB#0 | 24.03 | 21.03 | 20.84 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 1RB#37 | 24.11 | 21.11 | 20.92 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 1RB#74 | 24.07 | 21.07 | 20.88 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 36RB#0 | 22.99 | 19.99 | 19.8 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 36RB#16 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 36RB#35 | 23.03 | 20.03 | 19.84 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 40640 | 75RB#0 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#0 | 22.88 | 19.88 | 19.69 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#37 | 24.07 | 21.07 | 20.88 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 1RB#74 | 23.98 | 20.98 | 20.79 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 36RB#0 | 22.84 | 19.84 | 19.65 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 36RB#16 | 22.85 | 19.85 | 19.66 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 36RB#35 | 22.86 | 19.86 | 19.67 | 33.01 | PASS |
| Band41 | 15MHz | QPSK | 41165 | 75RB#0 | 22.90 | 19.9 | 19.71 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#0 | 23.86 | 20.86 | 20.67 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#49 | 24.02 | 21.02 | 20.83 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 1RB#99 | 23.97 | 20.97 | 20.78 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 50RB#0 | 23.00 | 20 | 19.81 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 50RB#24 | 22.95 | 19.95 | 19.76 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 50RB#49 | 22.96 | 19.96 | 19.77 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40140 | 100RB#0 | 22.99 | 19.99 | 19.8 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 1RB#0 | 23.90 | 20.9 | 20.71 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 1RB#49 | 24.01 | 21.01 | 20.82 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 1RB#99 | 23.92 | 20.92 | 20.73 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 50RB#0 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 50RB#24 | 23.02 | 20.02 | 19.83 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 50RB#49 | 23.01 | 20.01 | 19.82 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 40640 | 100RB#0 | 23.04 | 20.04 | 19.85 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#0 | 22.86 | 19.86 | 19.67 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#49 | 23.88 | 20.88 | 20.69 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 1RB#99 | 23.83 | 20.83 | 20.64 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 50RB#0 | 22.87 | 19.87 | 19.68 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 50RB#24 | 22.90 | 19.9 | 19.71 | 33.01 | PASS |
| Band41 | 20MHz | QPSK | 41140 | 50RB#49 | 22.90 | 19.9 | 19.71 | 33.01 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band41 | 20MHz | QPSK | 41140 | 100RB#0 | 22.89 | 19.89 | 19.7 | 33.01 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#0 | 24.27 | 23.97 | 18.14 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#2 | 24.26 | 23.96 | 18.13 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 1RB#5 | 24.28 | 23.98 | 18.15 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 3RB#0 | 24.31 | 24.01 | 18.18 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 3RB#1 | 24.31 | 24.01 | 18.18 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 3RB#2 | 24.32 | 24.02 | 18.19 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 131979 | 6RB#0 | 23.40 | 23.1 | 17.27 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#0 | 23.52 | 23.22 | 17.39 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#2 | 24.44 | 24.14 | 18.31 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 1RB#5 | 24.45 | 24.15 | 18.32 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 3RB#0 | 24.55 | 24.25 | 18.42 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 3RB#1 | 24.59 | 24.29 | 18.46 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 3RB#2 | 24.54 | 24.24 | 18.41 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132322 | 6RB#0 | 23.51 | 23.21 | 17.38 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#0 | 24.32 | 24.02 | 18.19 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#2 | 24.29 | 23.99 | 18.16 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 1RB#5 | 24.32 | 24.02 | 18.19 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 3RB#0 | 24.47 | 24.17 | 18.34 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 3RB#1 | 24.49 | 24.19 | 18.36 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 3RB#2 | 24.48 | 24.18 | 18.35 | 38.45 | PASS |
| Band66 | 1.4MHz | QPSK | 132665 | 6RB#0 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#0 | 24.47 | 24.17 | 18.34 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#7 | 24.49 | 24.19 | 18.36 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 1RB#14 | 24.48 | 24.18 | 18.35 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 8RB#0 | 23.39 | 23.09 | 17.26 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 8RB#4 | 23.42 | 23.12 | 17.29 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 8RB#7 | 23.42 | 23.12 | 17.29 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 131987 | 15RB#0 | 23.43 | 23.13 | 17.3 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#0 | 23.49 | 23.19 | 17.36 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#7 | 24.48 | 24.18 | 18.35 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 1RB#14 | 24.45 | 24.15 | 18.32 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 8RB#0 | 23.52 | 23.22 | 17.39 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 8RB#4 | 23.53 | 23.23 | 17.4 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 8RB#7 | 23.45 | 23.15 | 17.32 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132322 | 15RB#0 | 23.48 | 23.18 | 17.35 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 1RB#0 | 24.34 | 24.04 | 18.21 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 1RB#7 | 24.32 | 24.02 | 18.19 | 38.45 | PASS |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Band66 | 3MHz | QPSK | 132657 | 1RB#14 | 24.33 | 24.03 | 18.2 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 8RB#0 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 8RB#4 | 23.48 | 23.18 | 17.35 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 8RB#7 | 23.54 | 23.24 | 17.41 | 38.45 | PASS |
| Band66 | 3MHz | QPSK | 132657 | 15RB#0 | 23.51 | 23.21 | 17.38 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#0 | 24.54 | 24.24 | 18.41 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#12 | 24.55 | 24.25 | 18.42 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 1RB#24 | 24.50 | 24.2 | 18.37 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 12RB#0 | 23.35 | 23.05 | 17.22 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 12RB#6 | 23.36 | 23.06 | 17.23 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 12RB#11 | 23.37 | 23.07 | 17.24 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 131997 | 25RB#0 | 23.37 | 23.07 | 17.24 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#0 | 23.48 | 23.18 | 17.35 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#12 | 24.66 | 24.36 | 18.53 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 1RB#24 | 24.60 | 24.3 | 18.47 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 12RB#0 | 23.55 | 23.25 | 17.42 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 12RB#6 | 23.55 | 23.25 | 17.42 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 12RB#11 | 23.54 | 23.24 | 17.41 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132322 | 25RB#0 | 23.52 | 23.22 | 17.39 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#0 | 24.62 | 24.32 | 18.49 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#12 | 24.67 | 24.37 | 18.54 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 1RB#24 | 24.71 | 24.41 | 18.58 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 12RB#0 | 23.51 | 23.21 | 17.38 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 12RB#6 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 12RB#11 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 5MHz | QPSK | 132647 | 25RB#0 | 23.52 | 23.22 | 17.39 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#0 | 24.41 | 24.11 | 18.28 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#24 | 24.34 | 24.04 | 18.21 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 1RB#49 | 24.33 | 24.03 | 18.2 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 25RB#0 | 23.28 | 22.98 | 17.15 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 25RB#12 | 23.28 | 22.98 | 17.15 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 25RB#24 | 23.29 | 22.99 | 17.16 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132022 | 50RB#0 | 23.32 | 23.02 | 17.19 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#0 | 23.49 | 23.19 | 17.36 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#24 | 24.50 | 24.2 | 18.37 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 1RB#49 | 24.42 | 24.12 | 18.29 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 25RB#0 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 25RB#12 | 23.51 | 23.21 | 17.38 | 38.45 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band66 | 10MHz | QPSK | 132322 | 25RB#24 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132322 | 50RB#0 | 23.55 | 23.25 | 17.42 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 1RB#0 | 24.26 | 23.96 | 18.13 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 1RB#24 | 24.31 | 24.01 | 18.18 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 1RB#49 | 24.40 | 24.1 | 18.27 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 25RB#0 | 23.42 | 23.12 | 17.29 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 25RB#12 | 23.42 | 23.12 | 17.29 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 25RB#24 | 23.40 | 23.1 | 17.27 | 38.45 | PASS |
| Band66 | 10MHz | QPSK | 132622 | 50RB#0 | 23.46 | 23.16 | 17.33 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#0 | 24.21 | 23.91 | 18.08 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#37 | 24.21 | 23.91 | 18.08 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 1RB#74 | 24.26 | 23.96 | 18.13 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 36RB#0 | 23.28 | 22.98 | 17.15 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 36RB#16 | 23.26 | 22.96 | 17.13 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 36RB#35 | 23.25 | 22.95 | 17.12 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132047 | 75RB#0 | 23.28 | 22.98 | 17.15 | 38.45 | PASS |
| and66 | 15MHz | QPSK | 132322 | 1RB#0 | 23.46 | 23.16 | 17.33 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 1RB#37 | 24.44 | 24.14 | 18.31 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 1RB#74 | 24.33 | 24.03 | 18.2 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 36RB#0 | 23.49 | 23.19 | 17.36 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 36RB#16 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 36RB#35 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132322 | 75RB#0 | 23.45 | 23.15 | 17.32 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#0 | 24.25 | 23.95 | 18.12 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#37 | 24.46 | 24.16 | 18.33 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 1RB#74 | 24.54 | 24.24 | 18.41 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 36RB#0 | 23.31 | 23.01 | 17.18 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 36RB#16 | 23.32 | 23.02 | 17.19 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 36RB#35 | 23.32 | 23.02 | 17.19 | 38.45 | PASS |
| Band66 | 15MHz | QPSK | 132597 | 75RB#0 | 23.41 | 23.11 | 17.28 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#0 | 24.38 | 24.08 | 18.25 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#49 | 24.42 | 24.12 | 18.29 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 1RB#99 | 24.49 | 24.19 | 18.36 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 50RB#0 | 23.19 | 22.89 | 17.06 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 50RB#24 | 23.19 | 22.89 | 17.06 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 50RB#49 | 23.17 | 22.87 | 17.04 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132072 | 100RB#0 | 23.25 | 22.95 | 17.12 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#0 | 23.46 | 23.16 | 17.33 | 38.45 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| Band66 | 20MHz | QPSK | 132322 | 1RB#49 | 24.48 | 24.18 | 18.35 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 1RB#99 | 24.30 | 24 | 18.17 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 50RB#0 | 23.49 | 23.19 | 17.36 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 50RB#24 | 23.51 | 23.21 | 17.38 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 50RB#49 | 23.50 | 23.2 | 17.37 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132322 | 100RB#0 | 23.48 | 23.18 | 17.35 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#0 | 24.00 | 23.7 | 17.87 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#49 | 24.22 | 23.92 | 18.09 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 1RB#99 | 24.25 | 23.95 | 18.12 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 50RB#0 | 23.38 | 23.08 | 17.25 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 50RB#24 | 23.38 | 23.08 | 17.25 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 50RB#49 | 23.35 | 23.05 | 17.22 | 38.45 | PASS |
| Band66 | 20MHz | QPSK | 132572 | 100RB#0 | 23.37 | 23.07 | 17.24 | 38.45 | PASS |

*Remark: EIRP (dBm) = Conducted power (dBm) + Antenna Gain (dBi). (For Band 2 & 7 & 41 & 66)*
*ERP (dBm) = EIRP (dBm) - 2.15 (dB). (For Band 5 & 12 & 13)*

------End of report------