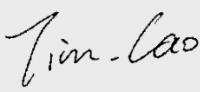
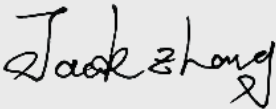


Test report No:  
2210511R-RF-US-P40V01

## FCC & ISED TEST REPORT

|                                             |                                                                                                                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                                | Tele-matic Control Unit                                                                                                                                                                                                 |
| Model and /or type reference                | SRTL-NA                                                                                                                                                                                                                 |
| FCC ID                                      | 2A673-SRTL-TCU                                                                                                                                                                                                          |
| IC                                          | 30545-SRTLTCU                                                                                                                                                                                                           |
| Applicant's name / address                  | SiRun (Wuxi) Technology Co., Ltd.<br>2501, Swan Tower, Wuxi Software Park, Xinwu District, Wuxi City,<br>Jiangsu Province, China                                                                                        |
| Test method requested, standard             | FCC CFR Title 47 Part 22 & 24 & 27<br>ANSI C63.26: 2015<br>KDB971168 D01 v03r01, KDB971168 D02 v02r01<br>ANSI/TIA-603-E: 2016<br>RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139<br>Issue 3, RSS-Gen Issue 5 |
| Verdict Summary                             | IN COMPLIANCE                                                                                                                                                                                                           |
| Documented by (name / position & signature) | Tim Cao/Project Manager<br>                                                                                                          |
| Approved by (name / position & signature)   | Jack Zhang/ Manager<br>                                                                                                              |
| Date of issue                               | 2023-05-12                                                                                                                                                                                                              |
| Report Version                              | V1.0                                                                                                                                                                                                                    |
| Report template No                          | Template_Part 22&24&27-RF-V1.0                                                                                                                                                                                          |

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## COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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## GENERAL CONDITIONS

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Test Location        | No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China |
| Date(receive sample) | Jan. 18, 2022                                                          |
| Date (start test)    | Jan. 28, 2022                                                          |
| Date (finish test)   | Mar. 09, 2022                                                          |

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.

## ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

|                       |               |
|-----------------------|---------------|
| Ambient temperature   | 15 °C – 35 °C |
| Relative Humidity air | 30% - 60%     |

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

## POSSIBLE TEST CASE VERDICTS

|                                         |                 |
|-----------------------------------------|-----------------|
| Test case does not apply to test object | N/A             |
| Test object does meet requirement       | P (Pass) / PASS |
| Test object does not meet requirement   | F (Fail) / FAIL |
| Not measured                            | N/M             |

## ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

|       |                               |
|-------|-------------------------------|
| EUT   | : Equipment Under Test        |
| QP    | : Quasi-Peak                  |
| CAV   | : CISPR Average               |
| AV    | : Average                     |
| CDN   | : Coupling Decoupling Network |
| SAC   | : Semi-Anechoic Chamber       |
| OATS  | : Open Area Test Site         |
| BW    | : Bandwidth                   |
| AM    | : Amplitude Modulation        |
| PM    | : Pulse Modulation            |
| HCP   | : Horizontal Coupling Plane   |
| VCP   | : Vertical Coupling Plane     |
| $U_N$ | : Nominal voltage             |
| $T_x$ | : Transmitter                 |
| $R_x$ | : Receiver                    |
| N/A   | : Not Applicable              |
| N/M   | : Not Measured                |

## DOCUMENT HISTORY

| Report No.            | Version | Description              | Issued Date |
|-----------------------|---------|--------------------------|-------------|
| 2210511R-RF-US-P40V01 | V1.0    | Initial issue of report. | 2023-05-12  |
|                       |         |                          |             |
|                       |         |                          |             |
|                       |         |                          |             |
|                       |         |                          |             |
|                       |         |                          |             |
|                       |         |                          |             |
|                       |         |                          |             |

## REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with FCC Part 22,24,27, RSS-130 Issue 2, RSS-132 Issue 3, RSS-133 Issue 6, RSS-139 Issue 3, RSS-Gen Issue 5.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results relate only to the samples tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
  - Chapter 1.1 General Description of the Item(s);
  - Chapter 1.2 Antenna Information;
  - Chapter 1.3 Channel List.

## USED EQUIPMENT

RF Output Power/Frequency Stability/Occupied Bandwidth/Spurious Emissions at antenna terminals/Spurious Emissions at antenna terminals at Block Edges / TR7

| Instrument                                                    | Manufacturer      | Model No.       | Serial No.             | Cal. Date  | Next Cal. Date |
|---------------------------------------------------------------|-------------------|-----------------|------------------------|------------|----------------|
| Spectrum Analyzer                                             | Agilent           | N9010A          | MY48030494             | 2021.07.11 | 2022.07.10     |
| Wideband Radio Communication Tester                           | R&S               | CMW 500         | 1201.0002K50-158243-jb | 2021.10.20 | 2022.10.19     |
| Directional Coupler                                           | Midwest Microwave | CPL-5231-16-001 | -                      | N/A        | N/A            |
| Dual Directional Coupler                                      | Agilent           | 778D            | 20160                  | 2021.07.11 | 2022.07.10     |
| High and low temperature and fast temperature change test box | ASTD              | ASTD-FBT-225K   | N/A                    | 2021.08.18 | 2022.08.17     |
| Temperature/Humidity Meter                                    | RTS               | RTS-8S          | RF07                   | 2021.07.09 | 2022.07.08     |

Radiated Emissions (1GHz-40GHz)/ AC5

| Instrument                          | Manufacturer | Model No.          | Serial No.             | Cal. Date  | Next Cal. Date |
|-------------------------------------|--------------|--------------------|------------------------|------------|----------------|
| Signal analyzer                     | R&S          | FSV                | 104212                 | 2021.11.18 | 2022.11.17     |
| Wideband Radio Communication Tester | R&S          | CMW 500            | 1201.0002K50-158243-jb | 2021.10.20 | 2022.10.19     |
| Pre-Amplifier                       | EMCI         | EMC184045SE        | 980263                 | 2021.05.22 | 2022.05.21     |
| Pre-Amplifier                       | SKET         | LNPA_0118G-45      | SK2021090101           | 2021.12.13 | 2022.12.12     |
| DRG Horn Antenna                    | ETS-Lindgren | 3117               | 167055                 | 2021.08.23 | 2022.08.22     |
| Broad-Band Horn Antenna             | Schwarzbeck  | BBHA9170           | 294                    | 2021.04.19 | 2023.04.18     |
| Coaxial Cable                       | Huber+Suhner | SUCOFLEX 106       | AC5-C2                 | 2021.03.31 | 2022.03.30     |
| Coaxial Cable                       | ROSENBERGER  | LA1-C011-2000/3000 | AC5-40G                | 2021.03.20 | 2022.03.19     |
| Temperature/Humidity Meter          | RTS          | RTS-8S             | AC5-TH                 | 2021.07.09 | 2022.07.08     |
| Dekra test software                 | Dekra        | -                  | -                      | -          | -              |

## UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%. The Uncertainties is comply with standard required as below.

| Test item                                              | Uncertainty  |
|--------------------------------------------------------|--------------|
| RF Output Power                                        | $\pm 1.2$ dB |
| Frequency Stability                                    | $\pm 10$ Hz  |
| Occupied Bandwidth                                     | $\pm 10$ Hz  |
| Spurious Emissions at antenna terminals                | $\pm 1.2$ dB |
| Spurious Emissions at antenna terminals at Block Edges | $\pm 1.2$ dB |
| Radiated Emissions                                     | $\pm 3.2$ dB |



## 1 GENERAL INFORMATION

### 1.1 General Description of the Item(s)

|                                   |                                                                                                 |
|-----------------------------------|-------------------------------------------------------------------------------------------------|
| Product Name .....                | Tele-matic Control Unit                                                                         |
| Model No. ....                    | SRTL-NA                                                                                         |
| Operating Temperature Range ..... | -40~85℃                                                                                         |
| Manufacturer .....                | SIRUN Tianlang (Wuxi) Technology Co., Ltd                                                       |
| Manufacturer Address .....        | Room 2501, Block D, Cygnus, National Software Park, Xinwu District, Wuxi City, Jiangsu Province |

|                              |                                                        |
|------------------------------|--------------------------------------------------------|
| Wireless specification ..... | GPRS, EGPRS                                            |
| Support Band(s) .....        | GSM 850, GSM 1900                                      |
| Uplink Frequency .....       | GSM 850: 824.2-848.8 MHz<br>GSM1900: 1850.2-1909.8 MHz |
| Downlink Frequency .....     | GSM 850: 869.2-893.8 MHz<br>GSM1900: 1930.2-1989.8 MHz |
| Type of Modulation .....     | QPSK                                                   |

|                              |                                                                         |
|------------------------------|-------------------------------------------------------------------------|
| Wireless specification ..... | WCDMA                                                                   |
| Support Band(s) .....        | Band II, IV, V                                                          |
| Uplink Frequency .....       | Band II: 1850-1910 MHz<br>Band IV: 1710-1755 MHz<br>Band V: 824-849 MHz |
| Downlink Frequency .....     | Band II: 1930-1990 MHz<br>Band IV: 2110-2155 MHz<br>Band V: 869-894 MHz |
| Type of Modulation .....     | QPSK                                                                    |

|                              |                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wireless specification ..... | LTE                                                                                                                                                                    |
| Support Band(s)              | 2/4/5/7/12/13/17                                                                                                                                                       |
| Uplink Frequency             | Band 2: 1850-1910 MHz<br>Band 4: 1710-1755 MHz<br>Band 5: 824-849 MHz<br>Band 7: 2500-2570 MHz<br>Band 12: 699-716 MHz<br>Band 13: 777-787 MHz<br>Band 17: 704-716 MHz |
| Downlink Frequency           | Band 2: 1930-1990 MHz<br>Band 4: 2110-2155 MHz<br>Band 5: 869-894 MHz<br>Band 7: 2620-2690 MHz<br>Band 12: 729-746 MHz<br>Band 13: 746-756 MHz<br>Band 17: 734-746 MHz |
| Type of Modulation .....     | BPSK, QPSK                                                                                                                                                             |

|                           |                                     |                                  |
|---------------------------|-------------------------------------|----------------------------------|
| Rated power supply..... : | Voltage and Frequency               |                                  |
|                           | <input type="checkbox"/>            | AC: 220 – 240 V, 50/60 Hz        |
|                           | <input type="checkbox"/>            | AC: 100 – 120 V, 50/60 Hz        |
|                           | <input checked="" type="checkbox"/> | DC: 12V/ 24V                     |
|                           | <input type="checkbox"/>            | Battery: 3.7V                    |
| Mounting position ..... : | <input type="checkbox"/>            | Table top equipment              |
|                           | <input type="checkbox"/>            | Wall/Ceiling mounted equipment   |
|                           | <input type="checkbox"/>            | Floor standing equipment         |
|                           | <input type="checkbox"/>            | Hand-held equipment              |
|                           | <input checked="" type="checkbox"/> | Other: vehicle-mounted equipment |

## 1.2 Antenna Information

|                                   |                                     |           |                                     |              |
|-----------------------------------|-------------------------------------|-----------|-------------------------------------|--------------|
| Antenna model / type number.....: | N/A                                 |           |                                     |              |
| Antenna serial number .....       | N/A                                 |           |                                     |              |
| Antenna Delivery .....            | <input checked="" type="checkbox"/> | 1TX + 1RX |                                     |              |
|                                   | <input type="checkbox"/>            | 2TX + 2RX |                                     |              |
| Antenna technology.....:          | <input checked="" type="checkbox"/> | SISO      |                                     |              |
|                                   | <input type="checkbox"/>            | MIMO      | <input type="checkbox"/>            | CDD          |
|                                   |                                     |           | <input type="checkbox"/>            | Beam-forming |
| Antenna Type.....:                | <input checked="" type="checkbox"/> | External  | <input checked="" type="checkbox"/> | Dipole       |
|                                   |                                     |           | <input type="checkbox"/>            | Sectorized   |
|                                   | <input type="checkbox"/>            | Internal  | <input type="checkbox"/>            | PIFA         |
|                                   |                                     |           | <input type="checkbox"/>            | PCB          |
|                                   |                                     |           | <input type="checkbox"/>            | Ceramic Chip |
|                                   |                                     |           | <input type="checkbox"/>            | Others.....  |
| Antenna Gain.....:                | 3 dBi                               |           |                                     |              |

### 1.3 Channel List

| GSM Band | Channel/<br>Frequency (MHz) | Channel & Frequency(MHz) |        |         |
|----------|-----------------------------|--------------------------|--------|---------|
|          |                             | Lowest                   | Middle | Highest |
| 850      | Channel                     | 128                      | 190    | 251     |
|          | Frequency                   | 824.2                    | 836.6  | 848.8   |
| 1900     | Channel                     | 512                      | 661    | 810     |
|          | Frequency                   | 1850.2                   | 1880.0 | 1909.8  |

| WCDMA Band | Channel/<br>Frequency (MHz) | Channel & Frequency(MHz) |        |         |
|------------|-----------------------------|--------------------------|--------|---------|
|            |                             | Lowest                   | Middle | Highest |
| 2          | Channel                     | 18601                    | 18900  | 19199   |
|            | Frequency                   | 1850.1                   | 1880   | 1909.9  |
| 4          | Channel                     | 19951                    | 20175  | 20399   |
|            | Frequency                   | 1710.1                   | 1732.5 | 1754.9  |
| 5          | Channel                     | 20401                    | 20525  | 20649   |
|            | Frequency                   | 824.1                    | 836.5  | 848.9   |

| LTE Band | Bandwidth (MHz) | Channel/<br>Frequency (MHz) | Channel & Frequency(MHz) |        |         |
|----------|-----------------|-----------------------------|--------------------------|--------|---------|
|          |                 |                             | Lowest                   | Middle | Highest |
| 2        | 1.4             | Channel                     | 18607                    | 18900  | 19193   |
|          |                 | Frequency                   | 1850.7                   | 1880   | 1909.3  |
|          | 3               | Channel                     | 18615                    | 18900  | 19185   |
|          |                 | Frequency                   | 1851.5                   | 1880   | 1908.5  |
|          | 5               | Channel                     | 18625                    | 18900  | 19175   |
|          |                 | Frequency                   | 1852.5                   | 1880   | 1907.5  |
|          | 10              | Channel                     | 18650                    | 18900  | 19150   |
|          |                 | Frequency                   | 1855                     | 1880   | 1905    |
|          | 15              | Channel                     | 18675                    | 18900  | 19125   |
|          |                 | Frequency                   | 1857.5                   | 1880   | 1902.5  |
|          | 20              | Channel                     | 18700                    | 18900  | 19100   |
|          |                 | Frequency                   | 1860                     | 1880   | 1900    |
| 4        | 1.4             | Channel                     | 19957                    | 20175  | 20393   |
|          |                 | Frequency                   | 1710.7                   | 1732.5 | 1754.3  |
|          | 3               | Channel                     | 19965                    | 20175  | 20385   |
|          |                 | Frequency                   | 1711.5                   | 1732.5 | 1753.5  |
|          | 5               | Channel                     | 19975                    | 20175  | 20375   |
|          |                 | Frequency                   | 1712.5                   | 1732.5 | 1752.5  |
|          | 10              | Channel                     | 20000                    | 20175  | 20350   |
|          |                 | Frequency                   | 1715                     | 1732.5 | 1750    |
|          | 15              | Channel                     | 20025                    | 20175  | 20325   |
|          |                 | Frequency                   | 1717.5                   | 1732.5 | 1747.5  |
|          | 20              | Channel                     | 20050                    | 20175  | 20300   |
|          |                 | Frequency                   | 1720                     | 1732.5 | 1745    |
| 5        | 1.4             | Channel                     | 20407                    | 20525  | 20643   |
|          |                 | Frequency                   | 824.7                    | 836.5  | 848.3   |
|          | 3               | Channel                     | 20415                    | 20525  | 20635   |
|          |                 | Frequency                   | 825.5                    | 836.5  | 847.5   |
|          | 5               | Channel                     | 20425                    | 20525  | 20625   |
|          |                 | Frequency                   | 826.5                    | 836.5  | 846.5   |
|          | 10              | Channel                     | 20450                    | 20525  | 20600   |
|          |                 | Frequency                   | 829                      | 836.5  | 844     |
| 7        | 5               | Channel                     | 20775                    | 21100  | 21425   |
|          |                 | Frequency                   | 2502.5                   | 2535   | 2567.5  |
|          | 10              | Channel                     | 20800                    | 21100  | 21400   |

|    |     |           |        |       |        |
|----|-----|-----------|--------|-------|--------|
|    |     | Frequency | 2505   | 2535  | 2565   |
|    |     | Channel   | 20825  | 21100 | 21375  |
|    | 15  | Frequency | 2507.5 | 2535  | 2562.5 |
|    | 20  | Channel   | 20850  | 21100 | 21350  |
|    |     | Frequency | 2510   | 2535  | 2560   |
| 12 | 1.4 | Channel   | 23017  | 23095 | 23173  |
|    |     | Frequency | 699.7  | 707.5 | 715.3  |
|    | 3   | Channel   | 23025  | 23095 | 23165  |
|    |     | Frequency | 700.5  | 707.5 | 714.5  |
|    | 5   | Channel   | 23035  | 23095 | 23155  |
|    |     | Frequency | 701.5  | 707.5 | 713.5  |
|    | 10  | Channel   | 23060  | 23095 | 23130  |
|    |     | Frequency | 704    | 707.5 | 711    |
| 13 | 5   | Channel   | 23205  | 23230 | 23255  |
|    |     | Frequency | 779.5  | 782   | 784.5  |
|    | 10  | Channel   | -      | 23230 | -      |
|    |     | Frequency | -      | 782   | -      |

Note 1: The General Description of the Item , antenna information, Data Rate, Channel List and Test Software for the EUT in clause 1 are provided and confirmed by the client.

Note 2: LTE Band 12 overlaps the entire frequency range of LTE Band 17. Therefore, the test results provided in the report covers Band 12 as well as Band 17.

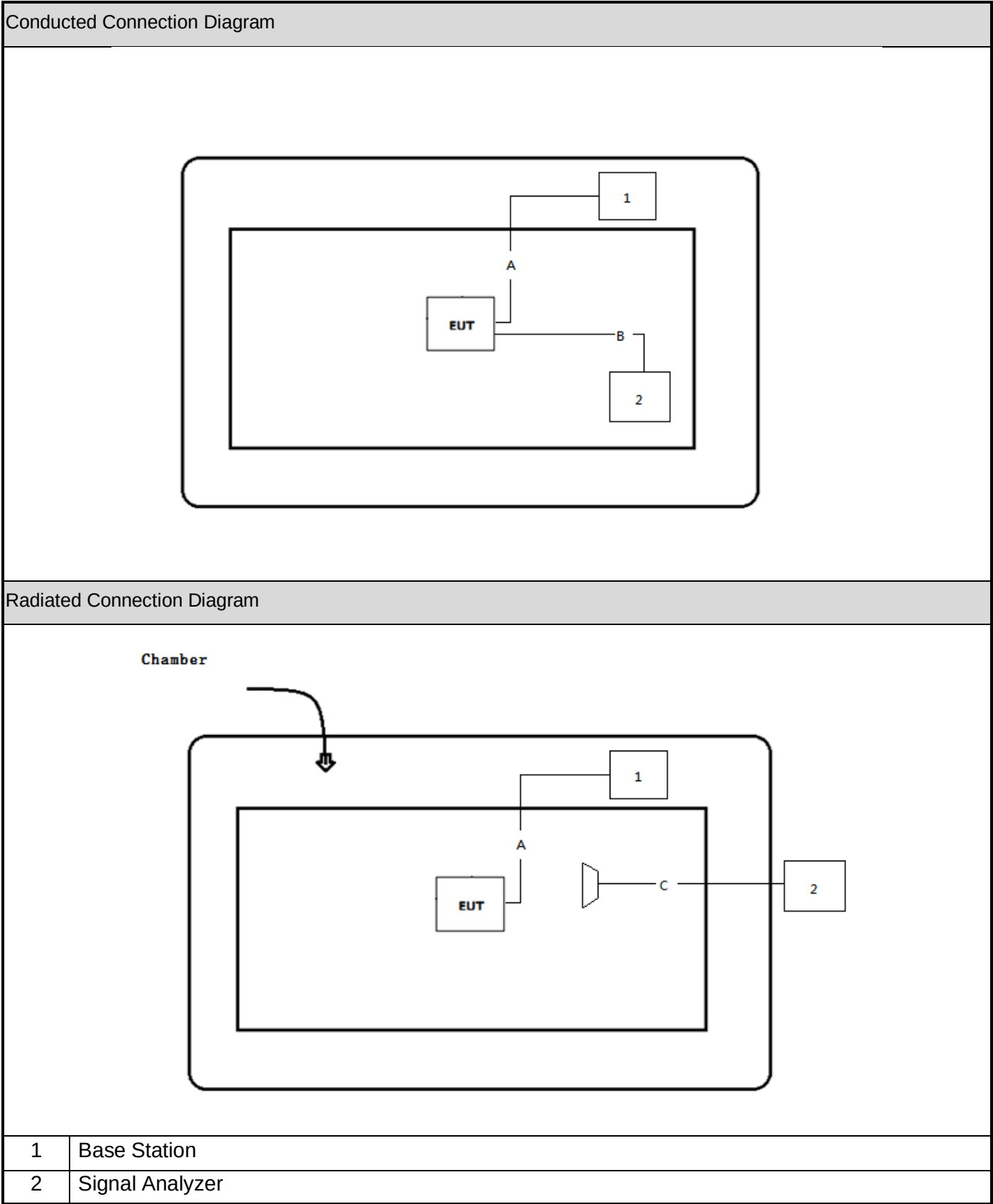
## 2 DESCRIPTION OF TEST SETUP

### 2.1 Auxiliary equipment / Test software for the EUT

| No. | Auxiliary equipment                 | Model No.    | Manufacturer | Supplied by |
|-----|-------------------------------------|--------------|--------------|-------------|
| 1   | DC Power Supply                     | CD-035-020PR | IDRC         | N/A         |
| 2   | Wideband Radio Communication Tester | CMW 500      | R&S          | N/A         |

| No. | Signal Cable Type | Signal Cable Description |
|-----|-------------------|--------------------------|
| A   | Control Cable     | Non-Shielded, 2m         |
| B   | Coaxial Cable     | Shielded, 1.5m           |
| C   | Coaxial Cable     | Shielded, 10m            |

2.2 Test Configuration / Block diagram used for tests





## 2.3 Testing process

|   |                                                            |
|---|------------------------------------------------------------|
| 1 | Setup the EUT and simulators as shown on above.            |
| 2 | Turn on the power of all equipment.                        |
| 3 | EUT Communicate with CMW 500, then select channel to test. |

### 3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

#### 3.1 Standards

| Standard                 | Year | Description                                                                                       |
|--------------------------|------|---------------------------------------------------------------------------------------------------|
| FCC CFR Title 47 Part 2  | 2020 | FREQUENCY ALLOCATIONS AND RADIO TREATY MATTERS; GENERAL RULES AND REGULATIONS                     |
| FCC CFR Title 47 Part 22 | 2020 | PUBLIC MOBILE SERVICES                                                                            |
| FCC CFR Title 47 Part 24 | 2020 | PERSONAL COMMUNICATIONS SERVICES                                                                  |
| FCC CFR Title 47 Part 27 | 2020 | MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES                                                    |
| RSS-132 Issue 3          | 2013 | Cellular Telephone Systems Operating in the Bands 824-849 MHz and 869-894 MHz                     |
| RSS-133 Issue 6          | 2018 | 2 GHz Personal Communications Services                                                            |
| RSS-130 Issue 2          | 2019 | Equipment Operating in the Frequency Bands 617-652 MHz, 663-698 MHz, 698-756 MHz and 777-787 MHz  |
| RSS-139 Issue 3          | 2015 | Advanced Wireless Services (AWS) Equipment Operating in the Bands 1710-1780 MHz and 2110-2180 MHz |

#### 3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

*(Please define the deviations from the standard(s) if applicable)*

### 3.3 Overview of results

#### GSM 850, WCDMA Band V, LTE band 5:

| FCC Part 22/RSS-132                     |                                    |         |        |
|-----------------------------------------|------------------------------------|---------|--------|
| Requirement – Test case                 | Basic standard(s)                  | Verdict | Remark |
| RF Output Power                         | Section 22.913/RSS-132 Section 5.4 | PASS    |        |
| Frequency Stability                     | Section 22.355/RSS-132 Section 5.3 | PASS    |        |
| Occupied Bandwidth                      | Section 2.1049                     | PASS    |        |
| Spurious Emissions at antenna terminals | Section 22.917/RSS-132 Section 5.5 | PASS    |        |
| Radiated Emissions                      | Section 22.917/RSS-132 Section 5.5 | PASS    |        |

#### GSM 1900, WCDMA Band II, LTE band 2:

| FCC Part 24/RSS-133                     |                                    |         |        |
|-----------------------------------------|------------------------------------|---------|--------|
| Requirement – Test case                 | Basic standard(s)                  | Verdict | Remark |
| RF Output Power                         | Section 24.232/RSS-133 Section 6.4 | PASS    |        |
| Frequency Stability                     | Section 24.235/RSS-133 Section 6.3 | PASS    |        |
| Occupied Bandwidth                      | Section 2.1049                     | PASS    |        |
| Spurious Emissions at antenna terminals | Section 24.238/RSS-133 Section 6.5 | PASS    |        |
| Radiated Emissions                      | Section 24.238/RSS-133 Section 6.5 | PASS    |        |

#### WCDMA Band IV, LTE band 4/12/13/17:

| FCC Part 27/RSS-130/RSS-139             |                                                       |         |        |
|-----------------------------------------|-------------------------------------------------------|---------|--------|
| Requirement – Test case                 | Basic standard(s)                                     | Verdict | Remark |
| RF Output Power                         | Section 27.50/RSS-130 Section 4.6/RSS-139 Section 6.5 | PASS    |        |
| Frequency Stability                     | Section 27.54/RSS-130 Section 4.5/RSS-139 Section 6.4 | PASS    |        |
| Occupied Bandwidth                      | Section 2.1049                                        | PASS    |        |
| Spurious Emissions at antenna terminals | Section 27.53/RSS-130 Section 4.7/RSS-139 Section 6.6 | PASS    |        |
| Radiated Emissions                      | Section 27.53/RSS-130 Section 4.7/RSS-139 Section 6.6 | PASS    |        |

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### 3.4 Test Facility

|     |   |                                |
|-----|---|--------------------------------|
| USA | : | FCC Designation Number: CN1199 |
| CA  | : | ISED CAB identifier: CN0040    |

## 4 TEST RESULTS

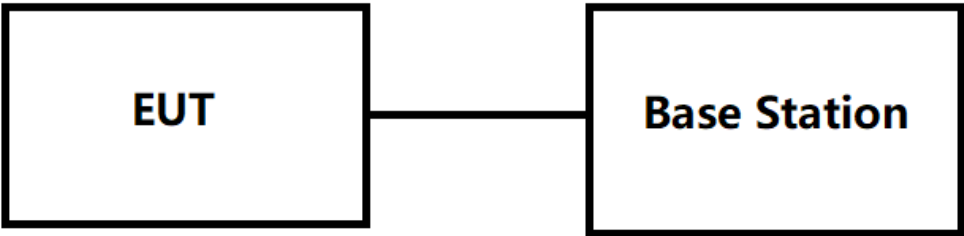
### 4.1 Effective (Isotropic) Radiated Power Output

**VERDICT: PASS**

#### 4.1.1 Limit

| Band                                               | Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GSM 850;<br>WCDMA<br>Band V;<br>LTE Band<br>5      | FCC §2.1046 and §22.913: The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts.                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                    | RSS-132 Section 5.4: The equivalent isotropically radiated power (e.i.r.p.) for mobile equipment shall not exceed 11.5 watts.                                                                                                                                                                                                                                                                                                                                                                         |
| GSM<br>1900;<br>WCDMA<br>Band II;<br>LTE Band<br>2 | FCC §2.1046 and §24.232: Mobile and portable stations are limited to 2 watts EIRP. The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.                                                                                                                                                                                                                                                                                                                                          |
|                                                    | RSS-133 Section 6.4: The equivalent isotropically radiated power (e.i.r.p.) for transmitters shall not exceed the limits given in SRSP-510. Moreover, base station transmitters operating in the band 1930-1995 MHz shall not have output power exceeding 100 watts.                                                                                                                                                                                                                                  |
| LTE Band<br>12/13/17                               | FCC §27.50(c)(10): Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.                                                                                                                                                                                                                                                                                                    |
|                                                    | FCC §27.50(b)(10): Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.                                                                                                                                                                                                                                                                                                                                              |
|                                                    | RSS-130 Section 4.6: In addition, the peak-toaverage power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission.                                                                                                                                                                                                                                                  |
| WCDMA<br>Band IV;<br>LTE Band<br>4                 | FCC §27.50(d)(4): Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP. Fixed stations operating in the 1710-1755 MHz band are limited to a maximum antenna height of 10 meters above ground. Mobile and portable stations operating in these bands must employ a means for limiting power to the minimum necessary for successful communications. |
|                                                    | RSS-139 Section 6.5: In addition, the peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time, using a signal that corresponds to the highest PAPR during periods of continuous transmission.                                                                                                                                                                                                                                                       |

4.1.2 Test Setup



4.1.3 Test Procedure

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | References Rule  | Chapter | Item                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------|----------------------------------------|
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ANSI C63.26-2015 | 5.2     | RF output power measurement procedures |
| <p>The conducted RF Output Power measurements were made at the RF output terminals of the EUT using the power meter of the Universal Radio Communication tester R&amp;S CMW500, selecting maximum transmission power of the EUT and different modes of modulation.</p> <p>Peak to average ratio(PAPR) is used equation <math>PAPR(dB)=PPK(dBm)-PAVG(dBm)</math>, where PPK is measured peak power, and PAVG is measured average power.</p> <p>The maximum equivalent isotropically radiated power(e.i.r.p.) is calculated by adding the declared maximum antenna gain(dBi).</p> <p>The maximum effective radiated power e.r.p. is calculated form the maximum equivalent isotropically radiated power(e.i.r.p.) by subtracting 2.15 dB: <math>E.R.P = E.I.R.P. - 2.15\text{ dB}</math></p> |                  |         |                                        |

#### 4.1.4 Test Data

##### GPRS/ EGPRS:

| Band      | Channel | Slot | Power(dBm) | Limit(dBm) | Verdict |
|-----------|---------|------|------------|------------|---------|
| GPRS850   | 128     | 1    | 32.50      | 38.5       | PASS    |
| GPRS850   | 128     | 2    | 31.15      | 38.5       | PASS    |
| GPRS850   | 128     | 3    | 28.60      | 38.5       | PASS    |
| GPRS850   | 128     | 4    | 27.86      | 38.5       | PASS    |
| GPRS850   | 190     | 1    | 34.48      | 38.5       | PASS    |
| GPRS850   | 190     | 2    | 33.27      | 38.5       | PASS    |
| GPRS850   | 190     | 3    | 30.66      | 38.5       | PASS    |
| GPRS850   | 190     | 4    | 30.06      | 38.5       | PASS    |
| GPRS850   | 251     | 1    | 35.41      | 38.5       | PASS    |
| GPRS850   | 251     | 2    | 34.15      | 38.5       | PASS    |
| GPRS850   | 251     | 3    | 31.56      | 38.5       | PASS    |
| GPRS850   | 251     | 4    | 30.93      | 38.5       | PASS    |
| GPRS1900  | 512     | 1    | 29.22      | 33         | PASS    |
| GPRS1900  | 512     | 2    | 29.13      | 33         | PASS    |
| GPRS1900  | 512     | 3    | 27.72      | 33         | PASS    |
| GPRS1900  | 512     | 4    | 26.44      | 33         | PASS    |
| GPRS1900  | 661     | 1    | 28.70      | 33         | PASS    |
| GPRS1900  | 661     | 2    | 28.64      | 33         | PASS    |
| GPRS1900  | 661     | 3    | 27.46      | 33         | PASS    |
| GPRS1900  | 661     | 4    | 26.29      | 33         | PASS    |
| GPRS1900  | 810     | 1    | 28.43      | 33         | PASS    |
| GPRS1900  | 810     | 2    | 28.38      | 33         | PASS    |
| GPRS1900  | 810     | 3    | 27.42      | 33         | PASS    |
| GPRS1900  | 810     | 4    | 26.43      | 33         | PASS    |
| EGPRS850  | 128     | 1    | 26.97      | 38.5       | PASS    |
| EGPRS850  | 128     | 2    | 25.83      | 38.5       | PASS    |
| EGPRS850  | 128     | 3    | 24.33      | 38.5       | PASS    |
| EGPRS850  | 128     | 4    | 23.22      | 38.5       | PASS    |
| EGPRS850  | 190     | 1    | 27.27      | 38.5       | PASS    |
| EGPRS850  | 190     | 2    | 26.21      | 38.5       | PASS    |
| EGPRS850  | 190     | 3    | 24.63      | 38.5       | PASS    |
| EGPRS850  | 190     | 4    | 23.57      | 38.5       | PASS    |
| EGPRS850  | 251     | 1    | 27.52      | 38.5       | PASS    |
| EGPRS850  | 251     | 2    | 26.46      | 38.5       | PASS    |
| EGPRS850  | 251     | 3    | 24.88      | 38.5       | PASS    |
| EGPRS850  | 251     | 4    | 23.86      | 38.5       | PASS    |
| EGPRS1900 | 512     | 1    | 25.83      | 33         | PASS    |
| EGPRS1900 | 512     | 2    | 25.48      | 33         | PASS    |
| EGPRS1900 | 512     | 3    | 23.80      | 33         | PASS    |
| EGPRS1900 | 512     | 4    | 22.79      | 33         | PASS    |
| EGPRS1900 | 661     | 1    | 25.50      | 33         | PASS    |

|           |     |   |       |    |      |
|-----------|-----|---|-------|----|------|
| EGPRS1900 | 661 | 2 | 25.10 | 33 | PASS |
| EGPRS1900 | 661 | 3 | 23.54 | 33 | PASS |
| EGPRS1900 | 661 | 4 | 22.45 | 33 | PASS |
| EGPRS1900 | 810 | 1 | 25.46 | 33 | PASS |
| EGPRS1900 | 810 | 2 | 25.20 | 33 | PASS |
| EGPRS1900 | 810 | 3 | 23.67 | 33 | PASS |
| EGPRS1900 | 810 | 4 | 22.50 | 33 | PASS |



**WCDMA:**

| RMC     |         |            |            |         |
|---------|---------|------------|------------|---------|
| Band    | Channel | Power(dBm) | Limit(dBm) | Verdict |
| Band II | 9262    | 22.49      | 33         | PASS    |
| Band II | 9400    | 21.99      | 33         | PASS    |
| Band II | 9538    | 21.85      | 33         | PASS    |
| Band IV | 1312    | 23.00      | 30         | PASS    |
| Band IV | 1413    | 23.89      | 30         | PASS    |
| Band IV | 1513    | 24.47      | 30         | PASS    |
| Band V  | 4132    | 23.91      | 38.5       | PASS    |
| Band V  | 4182    | 24.29      | 38.5       | PASS    |
| Band V  | 4233    | 24.33      | 38.5       | PASS    |

| HSDPA   |         |         |            |            |         |
|---------|---------|---------|------------|------------|---------|
| Band    | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
| Band II | 9262    | 1       | 21.83      | 33         | PASS    |
| Band II | 9262    | 2       | 21.33      | 33         | PASS    |
| Band II | 9262    | 3       | 21.33      | 33         | PASS    |
| Band II | 9262    | 4       | 21.71      | 33         | PASS    |
| Band II | 9400    | 1       | 21.33      | 33         | PASS    |
| Band II | 9400    | 2       | 20.90      | 33         | PASS    |
| Band II | 9400    | 3       | 20.77      | 33         | PASS    |
| Band II | 9400    | 4       | 20.98      | 33         | PASS    |
| Band II | 9538    | 1       | 21.32      | 33         | PASS    |
| Band II | 9538    | 2       | 20.75      | 33         | PASS    |
| Band II | 9538    | 3       | 20.69      | 33         | PASS    |
| Band II | 9538    | 4       | 20.83      | 33         | PASS    |
| Band IV | 1312    | 1       | 22.44      | 30         | PASS    |
| Band IV | 1312    | 2       | 21.70      | 30         | PASS    |
| Band IV | 1312    | 3       | 22.24      | 30         | PASS    |
| Band IV | 1312    | 4       | 22.36      | 30         | PASS    |
| Band IV | 1413    | 1       | 23.15      | 30         | PASS    |
| Band IV | 1413    | 2       | 22.73      | 30         | PASS    |
| Band IV | 1413    | 3       | 22.67      | 30         | PASS    |
| Band IV | 1413    | 4       | 22.80      | 30         | PASS    |
| Band IV | 1513    | 1       | 23.74      | 30         | PASS    |
| Band IV | 1513    | 2       | 23.30      | 30         | PASS    |
| Band IV | 1513    | 3       | 23.34      | 30         | PASS    |
| Band IV | 1513    | 4       | 23.37      | 30         | PASS    |
| Band V  | 4132    | 1       | 23.56      | 38.5       | PASS    |
| Band V  | 4132    | 2       | 23.07      | 38.5       | PASS    |
| Band V  | 4132    | 3       | 23.05      | 38.5       | PASS    |
| Band V  | 4132    | 4       | 23.05      | 38.5       | PASS    |
| Band V  | 4182    | 1       | 23.89      | 38.5       | PASS    |

|        |      |   |       |      |      |
|--------|------|---|-------|------|------|
| Band V | 4182 | 2 | 23.41 | 38.5 | PASS |
| Band V | 4182 | 3 | 23.37 | 38.5 | PASS |
| Band V | 4182 | 4 | 23.37 | 38.5 | PASS |
| Band V | 4233 | 1 | 24.14 | 38.5 | PASS |
| Band V | 4233 | 2 | 23.66 | 38.5 | PASS |
| Band V | 4233 | 3 | 23.62 | 38.5 | PASS |
| Band V | 4233 | 4 | 23.62 | 38.5 | PASS |

| HSUPA   |         |         |            |            |         |
|---------|---------|---------|------------|------------|---------|
| Band    | Channel | SubTest | Power(dBm) | Limit(dBm) | Verdict |
| Band II | 9262    | 1       | 21.67      | 33         | PASS    |
| Band II | 9262    | 2       | 19.85      | 33         | PASS    |
| Band II | 9262    | 3       | 21.18      | 33         | PASS    |
| Band II | 9262    | 4       | 20.64      | 33         | PASS    |
| Band II | 9262    | 5       | 22.17      | 33         | PASS    |
| Band II | 9400    | 1       | 21.55      | 33         | PASS    |
| Band II | 9400    | 2       | 19.40      | 33         | PASS    |
| Band II | 9400    | 3       | 20.71      | 33         | PASS    |
| Band II | 9400    | 4       | 20.08      | 33         | PASS    |
| Band II | 9400    | 5       | 21.79      | 33         | PASS    |
| Band II | 9538    | 1       | 21.02      | 33         | PASS    |
| Band II | 9538    | 2       | 19.21      | 33         | PASS    |
| Band II | 9538    | 3       | 20.08      | 33         | PASS    |
| Band II | 9538    | 4       | 19.95      | 33         | PASS    |
| Band II | 9538    | 5       | 21.43      | 33         | PASS    |
| Band IV | 1312    | 1       | 22.56      | 30         | PASS    |
| Band IV | 1312    | 2       | 20.72      | 30         | PASS    |
| Band IV | 1312    | 3       | 21.83      | 30         | PASS    |
| Band IV | 1312    | 4       | 21.24      | 30         | PASS    |
| Band IV | 1312    | 5       | 22.77      | 30         | PASS    |
| Band IV | 1413    | 1       | 23.39      | 30         | PASS    |
| Band IV | 1413    | 2       | 21.38      | 30         | PASS    |
| Band IV | 1413    | 3       | 22.22      | 30         | PASS    |
| Band IV | 1413    | 4       | 22.06      | 30         | PASS    |

|         |      |   |       |      |      |
|---------|------|---|-------|------|------|
| Band IV | 1413 | 5 | 23.57 | 30   | PASS |
| Band IV | 1513 | 1 | 23.58 | 30   | PASS |
| Band IV | 1513 | 2 | 22.15 | 30   | PASS |
| Band IV | 1513 | 3 | 22.98 | 30   | PASS |
| Band IV | 1513 | 4 | 22.65 | 30   | PASS |
| Band IV | 1513 | 5 | 24.13 | 30   | PASS |
| Band V  | 4132 | 1 | 23.34 | 38.5 | PASS |
| Band V  | 4132 | 2 | 21.47 | 38.5 | PASS |
| Band V  | 4132 | 3 | 22.14 | 38.5 | PASS |
| Band V  | 4132 | 4 | 21.96 | 38.5 | PASS |
| Band V  | 4132 | 5 | 23.61 | 38.5 | PASS |
| Band V  | 4182 | 1 | 23.67 | 38.5 | PASS |
| Band V  | 4182 | 2 | 21.79 | 38.5 | PASS |
| Band V  | 4182 | 3 | 22.93 | 38.5 | PASS |
| Band V  | 4182 | 4 | 22.38 | 38.5 | PASS |
| Band V  | 4182 | 5 | 23.83 | 38.5 | PASS |
| Band V  | 4233 | 1 | 23.95 | 38.5 | PASS |
| Band V  | 4233 | 2 | 22.03 | 38.5 | PASS |
| Band V  | 4233 | 3 | 22.71 | 38.5 | PASS |
| Band V  | 4233 | 4 | 22.54 | 38.5 | PASS |
| Band V  | 4233 | 5 | 24.06 | 38.5 | PASS |

**LTE:**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 23.17       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 23.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 23.09       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 23.07       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 23.23       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 23.09       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 21.98       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 22.45       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 22.37       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 22.25       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 22.60       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 22.63       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 22.65       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 21.52       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 22.80       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 22.77       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 22.40       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 22.68       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 22.87       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 22.70       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 21.69       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 21.88       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 21.96       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 21.68       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 22.06       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 22.29       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 22.38       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 21.06       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 21.26       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 21.44       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 21.27       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 21.76       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#1            | 21.70       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#3            | 21.82       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 20.60       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 21.26       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#2  | 21.45 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5  | 21.17 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#0  | 21.93 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#1  | 21.87 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 3RB#3  | 21.86 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0  | 20.92 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#0  | 23.23 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#8  | 23.02 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 1RB#14 | 23.10 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#0  | 22.19 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#4  | 22.26 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 8RB#7  | 22.22 | PASS |
| Band2 | 3MHz   | QPSK  | 18615 | 15RB#0 | 22.15 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#0  | 22.93 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#8  | 22.63 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 1RB#14 | 22.77 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#0  | 21.79 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#4  | 21.69 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 8RB#7  | 21.74 | PASS |
| Band2 | 3MHz   | QPSK  | 18900 | 15RB#0 | 21.69 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#0  | 22.97 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#8  | 22.84 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 1RB#14 | 22.95 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#0  | 21.95 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#4  | 21.83 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 8RB#7  | 21.92 | PASS |
| Band2 | 3MHz   | QPSK  | 19185 | 15RB#0 | 22.00 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#0  | 21.98 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#8  | 21.94 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 1RB#14 | 21.91 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#0  | 21.20 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#4  | 21.17 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 8RB#7  | 21.22 | PASS |
| Band2 | 3MHz   | 16QAM | 18615 | 15RB#0 | 21.23 | PASS |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#0  | 21.43 | PASS |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#8  | 21.43 | PASS |
| Band2 | 3MHz   | 16QAM | 18900 | 1RB#14 | 21.36 | PASS |
| Band2 | 3MHz   | 16QAM | 18900 | 8RB#0  | 20.69 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 20.67 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 20.71 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 20.83 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 21.60 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 21.58 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 21.68 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 20.81 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 20.83 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 20.95 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 20.92 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 23.03 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 23.18 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 23.26 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 22.18 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 22.16 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 22.43 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 22.28 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 22.78 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 22.65 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 22.82 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 21.77 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 21.80 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 21.78 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 21.79 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 22.88 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 22.90 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#24  | 22.94 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#0  | 21.87 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#6  | 21.87 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#13 | 22.07 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 25RB#0  | 21.94 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 21.93 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12  | 22.28 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24  | 21.83 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0  | 21.25 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#6  | 21.23 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#13 | 21.37 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0  | 21.30 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 21.34 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 21.77 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 21.37 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 20.85 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 20.88 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 20.74 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 20.74 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 21.47 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 21.88 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 21.64 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 20.94 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 21.05 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 21.04 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 20.78 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 23.36 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 23.53 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 23.24 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 22.33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 22.41 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 22.28 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 22.31 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 22.96 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 22.81 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 22.67 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 21.83 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 21.91 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 21.80 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 21.97 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 22.91 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 22.83 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 22.81 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 21.84 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 21.81 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 21.82 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 21.96 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 22.17 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 22.28 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 21.97 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 21.35 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 21.43 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 21.31 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0  | 21.40 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 21.46 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 21.72 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 21.47 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 20.96 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 20.82 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 20.82 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0  | 20.99 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 21.47 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 21.73 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 21.62 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 20.90 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.87 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.81 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0  | 20.89 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 23.42 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 23.44 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 23.07 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#0  | 23.39 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#18 | 23.27 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 38RB#37 | 23.17 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 22.23 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 22.98 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 22.72 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 22.63 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#0  | 22.65 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#18 | 22.65 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 38RB#37 | 22.72 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 21.83 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 22.38 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 22.60 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 22.80 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#0  | 22.44 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#18 | 22.51 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 38RB#37 | 22.67 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 21.81 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 22.26 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 22.06 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 21.83 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#0  | 22.13 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#18 | 22.10 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 38RB#37 | 22.43 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0  | 21.25 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 21.50 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 21.55 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 21.40 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#0  | 21.49 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#18 | 21.54 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 38RB#37 | 21.88 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0  | 20.85 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 20.99 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 21.49 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 21.73 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#0  | 21.01 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#18 | 21.15 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 38RB#37 | 21.95 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0  | 20.81 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 23.39 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 23.26 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 22.70 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 22.37 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 22.15 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 21.92 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 22.08 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 23.15 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 22.83 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 22.66 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 21.92 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 21.75 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 21.85 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 21.79 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 22.19 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 22.74 | PASS |

|       |        |       |       |         |       |      |
|-------|--------|-------|-------|---------|-------|------|
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#99  | 22.77 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#0  | 21.51 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#25 | 21.78 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 50RB#50 | 21.84 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 100RB#0 | 21.74 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#0   | 22.07 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#49  | 22.13 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#99  | 21.64 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#0  | 21.21 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#25 | 21.17 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 50RB#50 | 21.13 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 100RB#0 | 21.02 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#0   | 21.53 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#49  | 21.68 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#99  | 21.38 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#0  | 20.89 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#25 | 20.90 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 50RB#50 | 20.88 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 100RB#0 | 20.81 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#0   | 21.12 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#49  | 21.56 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#99  | 21.78 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#0  | 20.26 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#25 | 20.81 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 50RB#50 | 20.92 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 20.77 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#0   | 23.59 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#2   | 23.72 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#5   | 23.65 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#0   | 23.72 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#1   | 24.03 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 3RB#3   | 23.91 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | 22.97 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#0   | 24.51 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#2   | 24.34 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#5   | 24.65 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#0   | 24.54 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#1   | 24.79 | PASS |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band4 | 1.4MHz | QPSK  | 20175 | 3RB#3  | 24.71 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0  | 23.62 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0  | 24.87 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#2  | 25.17 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#5  | 25.15 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#0  | 25.21 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#1  | 25.35 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 3RB#3  | 25.29 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0  | 24.25 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0  | 22.39 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#2  | 22.61 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#5  | 22.43 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#0  | 23.03 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#1  | 23.17 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 3RB#3  | 23.07 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0  | 21.79 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0  | 23.24 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#2  | 24.02 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#5  | 23.95 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#0  | 23.77 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#1  | 23.84 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 3RB#3  | 24.09 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 22.34 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 23.80 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#2  | 23.93 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#5  | 23.83 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#0  | 24.29 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#1  | 24.50 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 3RB#3  | 24.33 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 23.32 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 23.71 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#8  | 23.53 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#14 | 23.61 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#0  | 22.72 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#4  | 22.68 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 8RB#7  | 22.63 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 22.59 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 24.11 | PASS |

|       |      |       |       |        |       |      |
|-------|------|-------|-------|--------|-------|------|
| Band4 | 3MHz | QPSK  | 20175 | 1RB#8  | 24.42 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 1RB#14 | 24.51 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#0  | 23.43 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#4  | 23.61 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 8RB#7  | 23.55 | PASS |
| Band4 | 3MHz | QPSK  | 20175 | 15RB#0 | 23.53 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#0  | 24.72 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#8  | 24.83 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 1RB#14 | 25.03 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#0  | 23.97 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#4  | 24.09 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 8RB#7  | 24.01 | PASS |
| Band4 | 3MHz | QPSK  | 20385 | 15RB#0 | 23.96 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#0  | 22.34 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#8  | 22.42 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 1RB#14 | 22.38 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#0  | 21.54 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#4  | 21.58 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 8RB#7  | 21.60 | PASS |
| Band4 | 3MHz | 16QAM | 19965 | 15RB#0 | 21.75 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#0  | 23.10 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#8  | 23.25 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 1RB#14 | 23.25 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#0  | 22.72 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#4  | 22.37 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 8RB#7  | 22.84 | PASS |
| Band4 | 3MHz | 16QAM | 20175 | 15RB#0 | 22.46 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#0  | 23.60 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#8  | 23.73 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 1RB#14 | 23.81 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#0  | 22.94 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#4  | 22.87 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 8RB#7  | 23.00 | PASS |
| Band4 | 3MHz | 16QAM | 20385 | 15RB#0 | 23.06 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#0  | 23.71 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#12 | 23.56 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 1RB#24 | 23.59 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#0 | 22.63 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band4 | 5MHz | QPSK  | 19975 | 12RB#6  | 22.64 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 12RB#13 | 22.65 | PASS |
| Band4 | 5MHz | QPSK  | 19975 | 25RB#0  | 22.68 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#0   | 24.34 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#12  | 24.51 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 1RB#24  | 24.64 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#0  | 23.41 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#6  | 23.56 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 12RB#13 | 23.52 | PASS |
| Band4 | 5MHz | QPSK  | 20175 | 25RB#0  | 23.43 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#0   | 24.86 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#12  | 25.00 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 1RB#24  | 25.16 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#0  | 23.99 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#6  | 24.02 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 12RB#13 | 24.08 | PASS |
| Band4 | 5MHz | QPSK  | 20375 | 25RB#0  | 24.06 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#0   | 22.32 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#12  | 22.74 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 1RB#24  | 22.30 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#0  | 21.60 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#6  | 21.59 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 12RB#13 | 21.59 | PASS |
| Band4 | 5MHz | 16QAM | 19975 | 25RB#0  | 21.61 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#0   | 22.98 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#12  | 23.51 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 1RB#24  | 23.22 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#0  | 22.38 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#6  | 22.42 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 12RB#13 | 22.54 | PASS |
| Band4 | 5MHz | 16QAM | 20175 | 25RB#0  | 22.38 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#0   | 23.70 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#12  | 24.11 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 1RB#24  | 23.81 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#0  | 23.06 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#6  | 22.98 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 12RB#13 | 23.13 | PASS |
| Band4 | 5MHz | 16QAM | 20375 | 25RB#0  | 23.08 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | 23.65 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#24  | 23.76 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | 23.67 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#0  | 22.75 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#12 | 22.77 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 25RB#25 | 22.81 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | 22.75 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#0   | 24.16 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#24  | 24.54 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 1RB#49  | 24.38 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#0  | 23.31 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#12 | 23.42 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 25RB#25 | 23.42 | PASS |
| Band4 | 10MHz | QPSK  | 20175 | 50RB#0  | 23.42 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | 25.19 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#24  | 25.05 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | 25.12 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#0  | 24.13 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#12 | 24.16 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 25RB#25 | 23.96 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | 24.00 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | 22.51 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#24  | 22.57 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | 22.54 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#0  | 21.80 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#12 | 21.74 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 25RB#25 | 21.75 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | 21.78 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#0   | 23.02 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#24  | 23.19 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 1RB#49  | 23.17 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#0  | 22.19 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#12 | 22.46 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 25RB#25 | 22.54 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 50RB#0  | 22.33 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | 23.96 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#24  | 23.84 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | 23.95 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 10MHz | 16QAM | 20350 | 25RB#0  | 23.15 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#12 | 23.08 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 25RB#25 | 22.89 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | 23.13 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | 23.73 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#38  | 23.63 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | 24.01 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#0  | 23.47 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#18 | 23.59 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 38RB#37 | 23.71 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | 22.71 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#0   | 23.81 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#38  | 24.60 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 1RB#74  | 24.29 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#0  | 23.98 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#18 | 24.43 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 38RB#37 | 24.55 | PASS |
| Band4 | 15MHz | QPSK  | 20175 | 75RB#0  | 23.33 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | 25.19 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#38  | 24.74 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | 24.85 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#0  | 25.21 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#18 | 24.87 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 38RB#37 | 24.88 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | 24.07 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | 22.50 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#38  | 22.47 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | 22.68 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#0  | 22.38 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#18 | 22.39 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 38RB#37 | 22.79 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | 21.68 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#0   | 22.80 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#38  | 23.17 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 1RB#74  | 23.24 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#0  | 22.82 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#18 | 23.08 | PASS |
| Band4 | 15MHz | 16QAM | 20175 | 38RB#37 | 23.46 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band4 | 15MHz | 16QAM | 20175 | 75RB#0  | 22.25 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | 23.63 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#38  | 23.68 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | 23.82 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#0  | 23.82 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#18 | 23.76 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 38RB#37 | 24.08 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | 23.06 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | 23.63 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#49  | 23.89 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | 24.17 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#0  | 22.60 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#25 | 22.91 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 50RB#50 | 23.12 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | 22.87 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#0   | 23.79 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#49  | 24.57 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 1RB#99  | 24.28 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#0  | 23.14 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#25 | 23.49 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 50RB#50 | 23.43 | PASS |
| Band4 | 20MHz | QPSK  | 20175 | 100RB#0 | 23.16 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | 25.04 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#49  | 24.79 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | 24.81 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#0  | 24.17 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#25 | 23.91 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 50RB#50 | 23.85 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | 24.06 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | 22.34 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#49  | 22.58 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | 22.96 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#0  | 21.80 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#25 | 21.91 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 50RB#50 | 22.14 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 21.83 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#0   | 22.78 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 1RB#49  | 23.19 | PASS |



|       |        |       |       |         |       |      |
|-------|--------|-------|-------|---------|-------|------|
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#99  | 23.28 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 50RB#0  | 22.14 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 50RB#25 | 22.42 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 50RB#50 | 22.46 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | 22.20 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0   | 23.70 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#49  | 23.83 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#99  | 23.76 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 50RB#0  | 23.03 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 50RB#25 | 22.95 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 50RB#50 | 22.95 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | 23.06 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 24.09 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#2   | 24.36 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#5   | 24.25 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#0   | 24.44 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#1   | 24.43 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 3RB#3   | 24.48 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 23.41 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 24.40 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#2   | 24.42 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#5   | 24.20 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#0   | 24.54 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#1   | 24.61 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 3RB#3   | 24.57 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0   | 23.55 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | 24.70 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#2   | 24.77 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#5   | 24.57 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#0   | 24.83 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#1   | 25.08 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 3RB#3   | 24.76 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0   | 23.73 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0   | 22.88 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#2   | 23.88 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#5   | 23.06 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#0   | 23.63 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#1   | 23.56 | PASS |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20407 | 3RB#3  | 23.58 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0  | 22.62 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0  | 23.28 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#2  | 23.36 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 23.31 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 23.72 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 23.75 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 23.59 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 22.59 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 23.58 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 24.24 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 23.62 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 24.11 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 24.00 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 23.94 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 22.85 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 24.20 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 24.23 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 24.33 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 23.26 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 23.33 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 23.47 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 23.30 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 24.44 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 24.20 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 24.32 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 23.37 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 23.32 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 23.35 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 23.28 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 24.63 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 24.56 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 24.62 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 23.57 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 23.61 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 23.65 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 23.73 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.82 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band5 | 3MHz | 16QAM | 20415 | 1RB#8   | 23.02 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 1RB#14  | 23.09 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0   | 22.37 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4   | 22.33 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7   | 22.31 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0  | 22.35 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 23.19 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 23.16 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 23.17 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 22.57 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 22.31 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 22.16 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 22.42 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 23.37 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 23.39 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 23.41 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 22.52 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 22.53 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 22.48 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 22.68 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 24.03 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 24.21 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 24.31 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 23.16 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 23.24 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 23.33 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 23.22 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 24.34 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 24.21 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 24.08 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 23.29 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 23.27 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 23.22 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 23.28 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 24.36 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 24.45 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 24.55 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 23.47 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#6  | 23.55 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#13 | 23.61 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0  | 23.50 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.76 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 23.33 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 23.00 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 22.38 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 22.22 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 22.24 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 22.38 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 23.16 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 23.20 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.84 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 22.28 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 22.39 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 22.17 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 22.26 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 23.18 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 23.61 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 23.27 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 22.52 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 22.64 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 22.33 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 22.57 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 24.13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 24.49 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 24.28 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 23.31 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 23.31 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 23.33 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 23.20 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 24.22 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 24.23 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 24.26 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 23.40 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 23.25 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 23.26 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 23.35 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 24.43 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 24.60 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 24.56 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 23.45 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 23.59 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 23.65 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 23.50 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.96 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 23.09 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 23.11 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 22.42 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 22.18 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 22.38 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 22.28 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 23.09 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 23.12 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 23.19 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 22.23 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 22.38 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 22.36 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 22.40 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 23.26 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 23.37 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 23.28 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 22.47 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 22.65 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 22.59 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 22.53 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#0   | 25.61 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#12  | 25.62 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#24  | 25.48 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#0  | 24.63 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#6  | 24.55 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 12RB#13 | 24.54 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 25RB#0  | 24.52 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#0   | 24.46 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#12  | 24.25 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#24  | 24.18 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#0  | 23.40 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#6  | 23.45 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 12RB#13 | 23.39 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0  | 23.41 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0   | 23.53 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#12  | 23.52 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#24  | 23.60 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#0  | 22.67 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#6  | 22.72 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 12RB#13 | 22.80 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 25RB#0  | 22.70 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#0   | 24.44 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#12  | 24.75 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 1RB#24  | 24.15 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#0  | 23.55 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#6  | 23.75 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 12RB#13 | 23.64 | PASS |
| Band7 | 5MHz  | 16QAM | 20775 | 25RB#0  | 23.69 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0   | 23.26 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#12  | 23.46 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 1RB#24  | 23.11 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#0  | 22.32 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#6  | 22.38 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 12RB#13 | 22.34 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0  | 22.57 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#0   | 22.38 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#12  | 22.68 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 1RB#24  | 22.50 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#0  | 21.77 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#6  | 21.82 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 12RB#13 | 21.76 | PASS |
| Band7 | 5MHz  | 16QAM | 21425 | 25RB#0  | 21.77 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#0   | 25.32 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#24  | 25.01 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 1RB#49  | 24.92 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#0  | 24.40 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#12 | 24.34 | PASS |
| Band7 | 10MHz | QPSK  | 20800 | 25RB#25 | 24.24 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 10MHz | QPSK  | 20800 | 50RB#0  | 24.28 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#0   | 24.43 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#24  | 24.19 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 1RB#49  | 24.23 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#0  | 23.41 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#12 | 23.32 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 25RB#25 | 23.22 | PASS |
| Band7 | 10MHz | QPSK  | 21100 | 50RB#0  | 23.41 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#0   | 23.46 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#24  | 23.39 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 1RB#49  | 23.47 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#0  | 22.67 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#12 | 22.64 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 25RB#25 | 22.58 | PASS |
| Band7 | 10MHz | QPSK  | 21400 | 50RB#0  | 22.70 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#0   | 24.21 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#24  | 24.18 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 1RB#49  | 23.74 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#0  | 23.57 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#12 | 23.41 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 25RB#25 | 23.23 | PASS |
| Band7 | 10MHz | 16QAM | 20800 | 50RB#0  | 23.44 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#0   | 23.18 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#24  | 23.21 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 1RB#49  | 23.03 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#0  | 22.54 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#12 | 22.33 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 25RB#25 | 22.43 | PASS |
| Band7 | 10MHz | 16QAM | 21100 | 50RB#0  | 22.48 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#0   | 22.33 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#24  | 22.48 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 1RB#49  | 22.25 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#0  | 21.72 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#12 | 21.71 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 25RB#25 | 21.74 | PASS |
| Band7 | 10MHz | 16QAM | 21400 | 50RB#0  | 21.77 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#0   | 25.04 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 1RB#38  | 24.84 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | QPSK  | 20825 | 1RB#74  | 24.67 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#0  | 25.17 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#18 | 24.95 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 38RB#37 | 24.84 | PASS |
| Band7 | 15MHz | QPSK  | 20825 | 75RB#0  | 24.07 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#0   | 24.31 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#38  | 23.92 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 1RB#74  | 24.07 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#0  | 24.33 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#18 | 23.98 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 38RB#37 | 24.04 | PASS |
| Band7 | 15MHz | QPSK  | 21100 | 75RB#0  | 23.14 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#0   | 23.32 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#38  | 23.32 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 1RB#74  | 23.43 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#0  | 23.04 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#18 | 23.32 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 38RB#37 | 23.40 | PASS |
| Band7 | 15MHz | QPSK  | 21375 | 75RB#0  | 22.51 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#0   | 24.07 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#38  | 23.77 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 1RB#74  | 23.62 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#0  | 24.09 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#18 | 23.96 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 38RB#37 | 24.13 | PASS |
| Band7 | 15MHz | 16QAM | 20825 | 75RB#0  | 23.13 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#0   | 23.08 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#38  | 22.98 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 1RB#74  | 22.86 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#0  | 23.03 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#18 | 22.96 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 38RB#37 | 23.30 | PASS |
| Band7 | 15MHz | 16QAM | 21100 | 75RB#0  | 22.21 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#0   | 22.15 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#38  | 22.38 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 1RB#74  | 22.39 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#0  | 22.17 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 38RB#18 | 22.17 | PASS |



|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band7 | 15MHz | 16QAM | 21375 | 38RB#37 | 22.54 | PASS |
| Band7 | 15MHz | 16QAM | 21375 | 75RB#0  | 21.59 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#0   | 25.50 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#49  | 25.21 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 1RB#99  | 24.73 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#0  | 24.42 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#25 | 24.32 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 50RB#50 | 24.11 | PASS |
| Band7 | 20MHz | QPSK  | 20850 | 100RB#0 | 24.22 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#0   | 24.59 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#49  | 24.37 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 1RB#99  | 24.09 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#0  | 23.57 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#25 | 23.41 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 50RB#50 | 23.39 | PASS |
| Band7 | 20MHz | QPSK  | 21100 | 100RB#0 | 23.49 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#0   | 23.49 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#49  | 23.76 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 1RB#99  | 23.53 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#0  | 22.70 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#25 | 22.87 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 50RB#50 | 22.82 | PASS |
| Band7 | 20MHz | QPSK  | 21350 | 100RB#0 | 22.80 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#0   | 24.35 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#49  | 24.11 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 1RB#99  | 23.58 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#0  | 23.57 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#25 | 23.36 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 50RB#50 | 23.05 | PASS |
| Band7 | 20MHz | 16QAM | 20850 | 100RB#0 | 23.39 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#0   | 23.31 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#49  | 23.26 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 1RB#99  | 22.98 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#0  | 22.58 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#25 | 22.57 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 50RB#50 | 22.38 | PASS |
| Band7 | 20MHz | 16QAM | 21100 | 100RB#0 | 22.54 | PASS |
| Band7 | 20MHz | 16QAM | 21350 | 1RB#0   | 22.47 | PASS |

|        |        |       |       |         |       |      |
|--------|--------|-------|-------|---------|-------|------|
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#49  | 22.93 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#99  | 22.56 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#0  | 21.76 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#25 | 21.87 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 50RB#50 | 21.88 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 21.77 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 24.00 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#2   | 23.81 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#5   | 23.50 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#0   | 23.79 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#1   | 24.19 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 3RB#3   | 23.78 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 22.81 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 23.27 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#2   | 23.41 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#5   | 23.34 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#0   | 23.38 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#1   | 23.69 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 3RB#3   | 23.46 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 22.41 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#0   | 22.96 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#2   | 23.06 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 1RB#5   | 23.02 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#0   | 23.13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#1   | 23.24 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 3RB#3   | 23.25 | PASS |
| Band12 | 1.4MHz | QPSK  | 23173 | 6RB#0   | 22.01 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0   | 22.42 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2   | 22.44 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5   | 22.22 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0   | 22.93 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1   | 23.05 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3   | 23.02 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0   | 21.77 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0   | 22.66 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2   | 22.21 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5   | 22.20 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0   | 22.75 | PASS |

|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1  | 22.61 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3  | 22.62 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0  | 21.69 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0  | 21.86 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2  | 22.08 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 22.47 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 22.23 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 22.22 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 22.29 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 21.22 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 23.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 23.67 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 23.49 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 22.86 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 22.81 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 22.85 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 22.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 23.49 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 23.24 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 23.36 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 22.36 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 22.48 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 22.40 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 22.43 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 23.33 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 23.12 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 23.30 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 22.20 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 22.21 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 22.15 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 22.20 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 22.42 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 22.32 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 22.40 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 21.94 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 21.77 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 22.11 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 21.74 | PASS |

|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0   | 22.09 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8   | 22.19 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14  | 22.04 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0   | 21.44 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4   | 21.37 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7   | 21.67 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0  | 21.63 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0   | 21.99 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8   | 22.02 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 21.92 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 21.16 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 21.18 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 21.25 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 21.41 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 23.80 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 23.74 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 23.50 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 22.90 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 22.71 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 22.65 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 22.81 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 23.34 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#12  | 23.50 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24  | 23.41 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#0  | 22.42 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#6  | 22.49 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#13 | 22.44 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0  | 22.51 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0   | 23.35 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#12  | 23.25 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24  | 23.12 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#0  | 22.32 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#6  | 22.23 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#13 | 22.13 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0  | 22.34 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0   | 22.55 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12  | 22.87 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24  | 22.29 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#0  | 21.78 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#6  | 21.75 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#13 | 21.53 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 21.76 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 22.21 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 22.65 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 22.02 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 21.34 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 21.48 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 21.51 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 21.55 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 22.08 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 22.46 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 21.90 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 21.30 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 21.23 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 21.28 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 21.34 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 23.75 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 23.48 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 23.36 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 22.61 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 22.52 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 22.50 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 22.62 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 23.32 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 23.43 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 23.19 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 22.32 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 22.33 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 22.49 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 22.37 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 23.12 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 23.48 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 23.00 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 22.41 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 22.40 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 22.26 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 22.44 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 22.32 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 22.40 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 22.15 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 21.64 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 21.52 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.54 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0  | 21.55 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 22.23 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 22.99 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 22.63 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 21.37 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.48 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.53 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0  | 21.41 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 22.17 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 22.31 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 21.89 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 21.32 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 21.45 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.33 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0  | 21.39 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 1RB#0   | 23.13 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 1RB#12  | 23.38 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 1RB#24  | 23.15 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 12RB#0  | 22.27 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 12RB#6  | 22.23 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 12RB#13 | 22.35 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 25RB#0  | 22.37 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 1RB#0   | 23.50 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 1RB#12  | 23.49 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 1RB#24  | 23.41 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 12RB#0  | 22.53 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 12RB#6  | 22.43 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 12RB#13 | 22.46 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0  | 22.51 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0   | 23.44 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#12  | 23.44 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#24  | 23.29 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#0  | 22.34 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#6  | 22.39 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 12RB#13 | 22.47 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0  | 22.37 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#0   | 21.83 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#12  | 22.39 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#24  | 22.04 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 12RB#0  | 21.09 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 12RB#6  | 21.31 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 12RB#13 | 21.43 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 25RB#0  | 21.30 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#0   | 22.16 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#12  | 22.51 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#24  | 22.21 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 12RB#0  | 21.43 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 12RB#6  | 21.45 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 12RB#13 | 21.46 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0  | 21.39 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0   | 22.13 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#12  | 22.42 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24  | 22.13 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#0  | 21.34 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#6  | 21.29 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#13 | 21.35 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0  | 21.34 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0   | 23.34 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#24  | 23.50 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49  | 23.54 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#0  | 22.43 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#12 | 22.36 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#25 | 22.41 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0  | 22.42 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0   | 21.92 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#24  | 22.97 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49  | 22.09 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#0  | 21.36 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#12 | 21.35 | PASS |



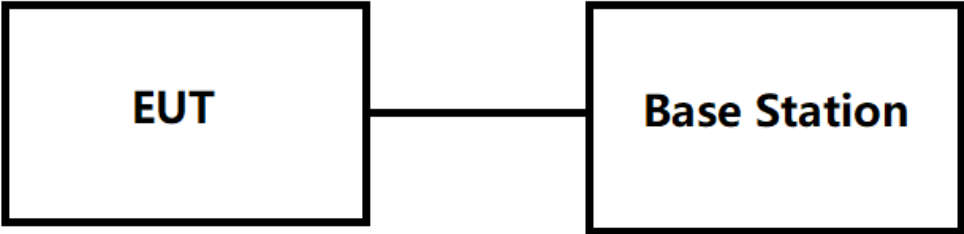
|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band13 | 10MHz | 16QAM | 23230 | 25RB#25 | 21.46 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 50RB#0  | 21.46 | PASS |



**4.2 Peak-to-Average Ratio(CCDF)****VERDICT: PASS****4.2.1 Limit**

| <b>Band</b>                                        | <b>Standard</b>                                                                                                                                                                                                                                       |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| GSM 850;<br>WCDMA<br>Band V;<br>LTE Band<br>5      | FCC §2.1046 and §22.913(d): The peak-to-average ratio (PAR) of the transmission must not exceed 13 dB.                                                                                                                                                |
|                                                    | RSS-132 Section 5.4: In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.         |
| GSM<br>1900;<br>WCDMA<br>Band II;<br>LTE Band<br>2 | FCC §2.1046 and §24.2329(d): In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.                                                                      |
|                                                    | RSS-133 Section 6.4: In addition, the transmitter's peak-to-average power ratio (PAPR) shall not exceed 13 dB for more than 0.1% of the time using a signal corresponding to the highest PAPR during periods of continuous transmission.              |
| LTE Band<br>12/13/17                               | FCC §27.50(c)(10): N/R                                                                                                                                                                                                                                |
|                                                    | FCC §27.50(b)(10): N/R                                                                                                                                                                                                                                |
|                                                    | RSS-130 Section 4.6: In addition, the peak-to-average power ratio (PAPR) of the transmitter shall not exceed 13 dB for more than 0.1% of the time and shall use a signal corresponding to the highest PAPR during periods of continuous transmission. |
| WCDMA<br>Band IV;<br>LTE Band<br>4                 | FCC §27.50(d)(5): In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.                                                                                 |
|                                                    | RSS-139 Section 6.5:<br>In addition, the peak to average power ratio (PAPR) of the equipment shall not exceed 13 dB for more than 0.1% of the time, using a signal that corresponds to the highest PAPR during periods of continuous transmission.    |

**4.2.2 Test Setup**



**4.2.3 Test Procedure**

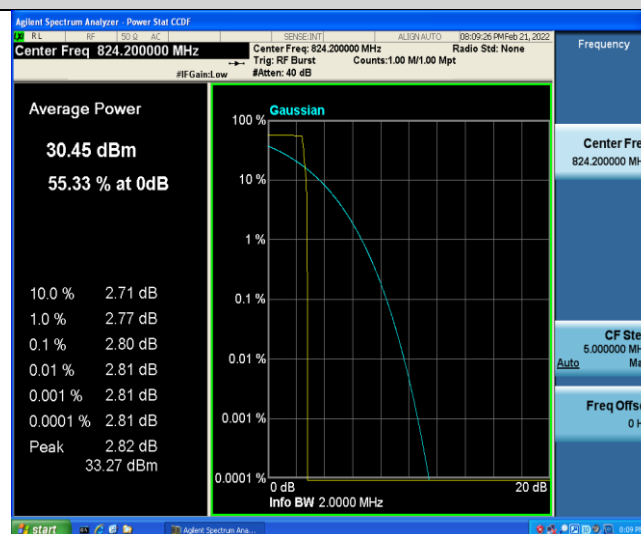
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | References Rule  | Chapter | Item                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------|----------------------------------------|
| <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ANSI C63.26-2015 | 5.2     | RF output power measurement procedures |
| <p>The conducted RF Output Power measurements were made at the RF output terminals of the EUT using the power meter of the Universal Radio Communication tester R&amp;S CMW500, selecting maximum transmission power of the EUT and different modes of modulation.</p> <p>Peak to average ratio(PAPR) is used equation <math>PAPR(dB)=PPK(dBm)-PAVG(dBm)</math>, where PPK is measured peak power, and PAVG is measured average power.</p> <p>The maximum equivalent isotropically radiated power(e.i.r.p.) is calculated by adding the declared maximum antenna gain(dBi).</p> <p>The maximum effective radiated power e.r.p. is calculated form the maximum equivalent isotropically radiated power(e.i.r.p.) by subtracting 2.15 dB: <math>E.R.P = E.I.R.P. - 2.15\text{ dB}</math></p> |                  |         |                                        |

#### 4.2.4 Test Data

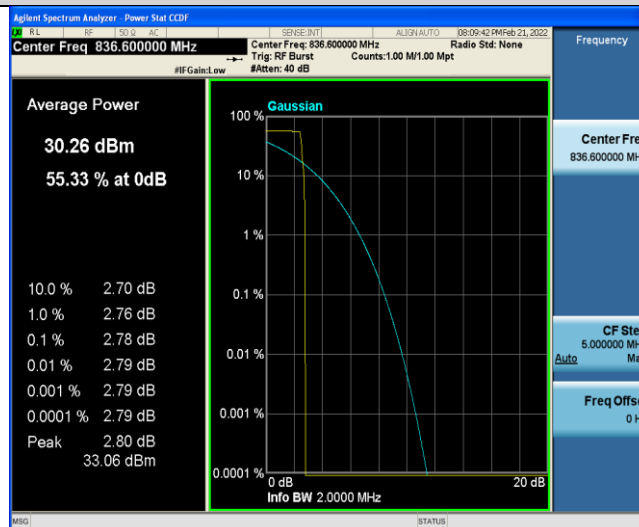
##### GPRS/ EGPRS:

| Band      | Channel | Result(dB) | Limit(dB) | Verdict |
|-----------|---------|------------|-----------|---------|
| GPRS850   | 128     | 2.8        | 13        | PASS    |
| GPRS850   | 190     | 2.78       | 13        | PASS    |
| GPRS850   | 251     | 2.8        | 13        | PASS    |
| EGPRS850  | 128     | 5.81       | 13        | PASS    |
| EGPRS850  | 190     | 5.81       | 13        | PASS    |
| EGPRS850  | 251     | 5.85       | 13        | PASS    |
| GPRS1900  | 512     | 2.7        | 13        | PASS    |
| GPRS1900  | 661     | 2.67       | 13        | PASS    |
| GPRS1900  | 810     | 2.67       | 13        | PASS    |
| EGPRS1900 | 512     | 5.67       | 13        | PASS    |
| EGPRS1900 | 661     | 5.56       | 13        | PASS    |
| EGPRS1900 | 810     | 5.37       | 13        | PASS    |

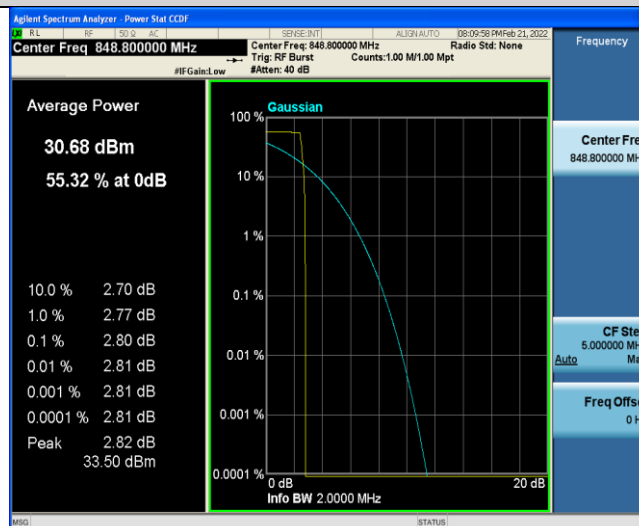
#### GPRS850-128-3



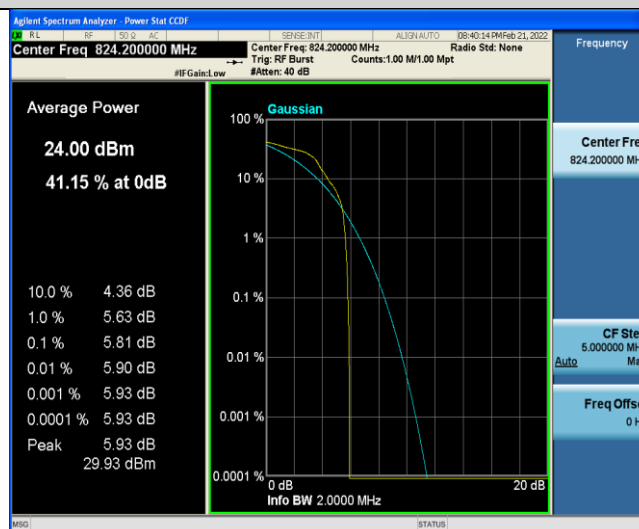
## GPRS850-190-3



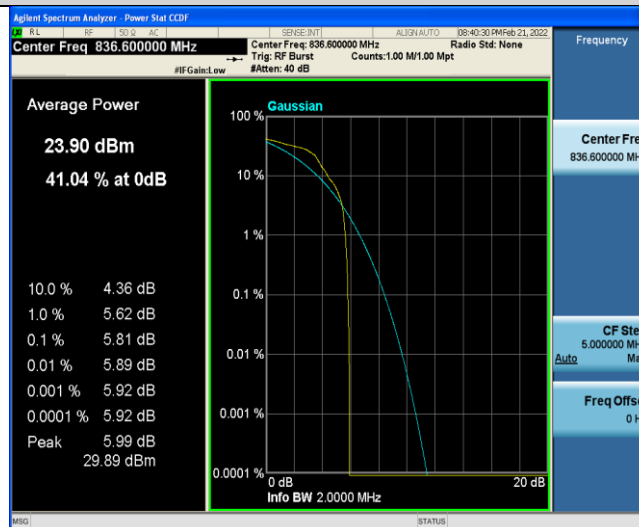
## GPRS850-251-3



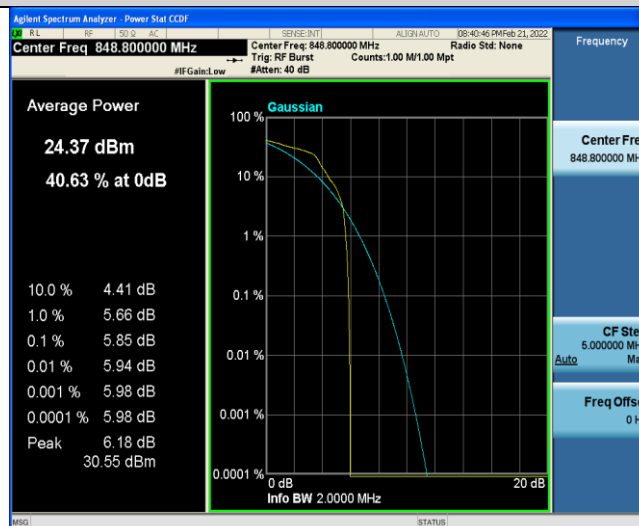
## EGPRS850-128-8



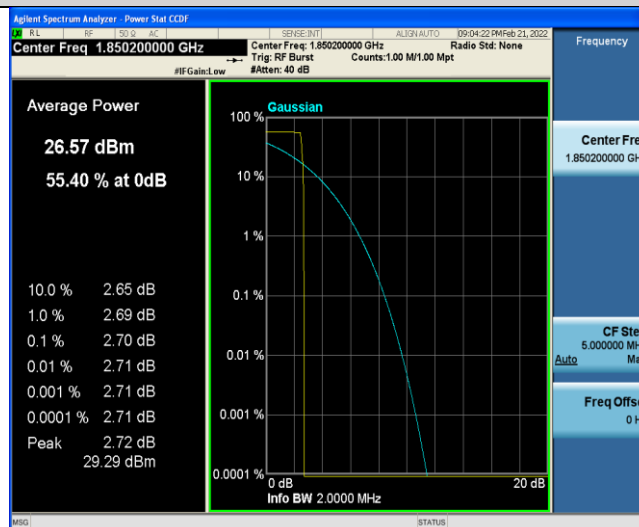
### EGPRS850-190-8



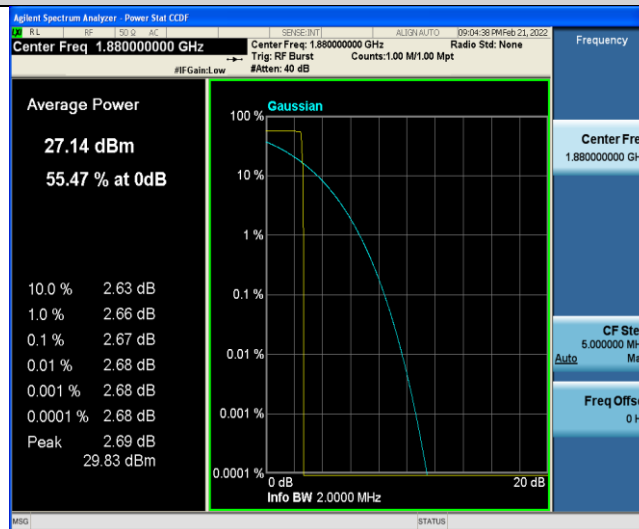
### EGPRS850-251-8



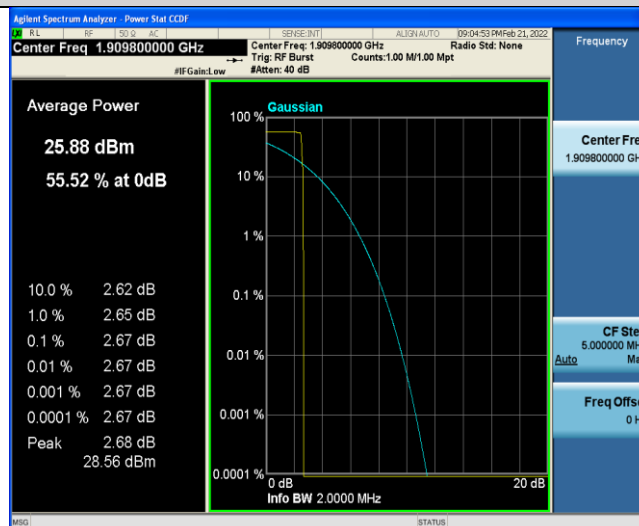
### GPRS1900-512-0



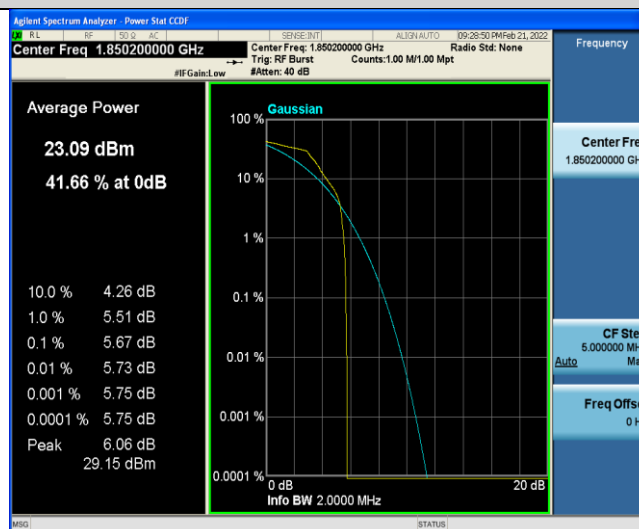
### GPRS1900-661-0



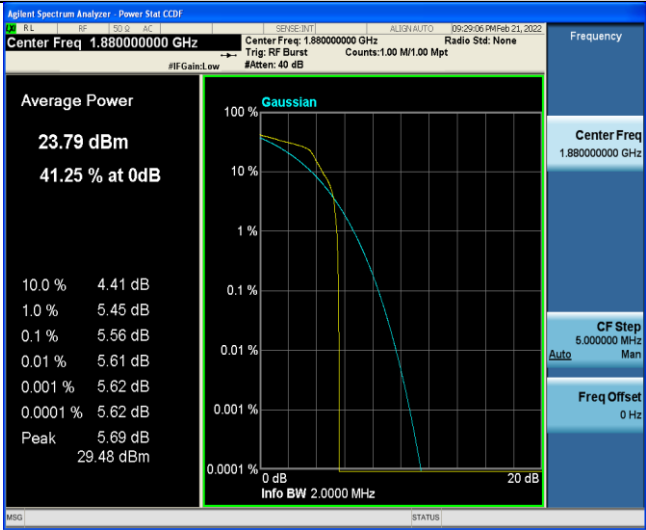
### GPRS1900-810-0



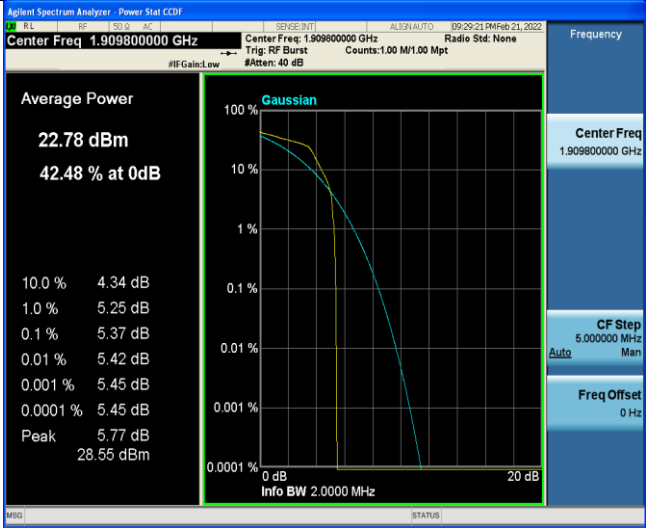
### EGPRS1900-512-2



EGPRS1900-661-2

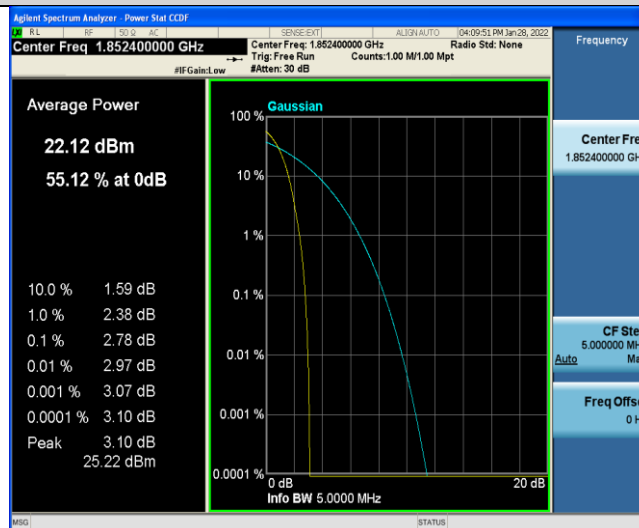
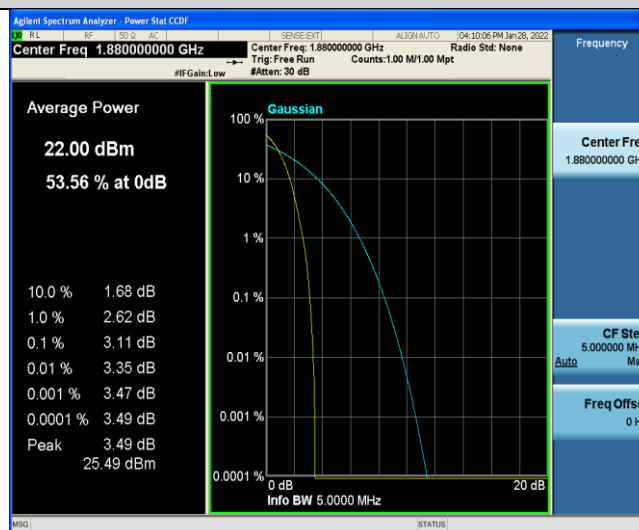


EGPRS1900-810-2



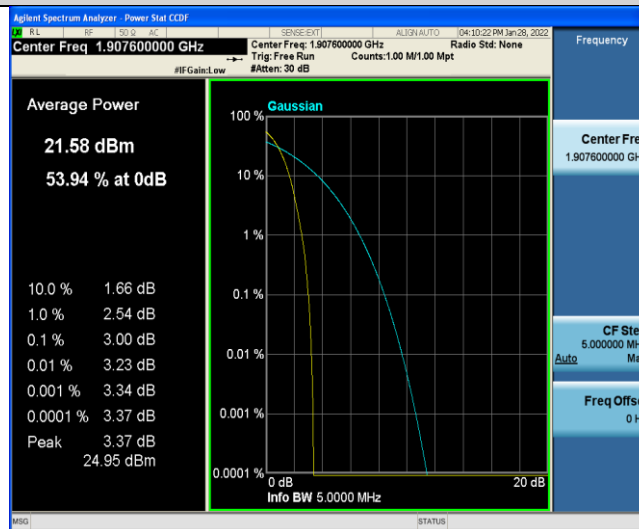
**WCDMA:**

| Band    | Channel | Peak-to-Average Ratio(dB) | Limit(dBm) | Verdict |
|---------|---------|---------------------------|------------|---------|
| Band II | 9262    | 2.78                      | 13         | PASS    |
| Band II | 9400    | 3.11                      | 13         | PASS    |
| Band II | 9538    | 3                         | 13         | PASS    |
| Band IV | 1312    | 3.13                      | 13         | PASS    |
| Band IV | 1413    | 3.25                      | 13         | PASS    |
| Band IV | 1513    | 3.08                      | 13         | PASS    |
| Band V  | 4132    | 2.74                      | 13         | PASS    |
| Band V  | 4182    | 2.7                       | 13         | PASS    |
| Band V  | 4233    | 2.82                      | 13         | PASS    |

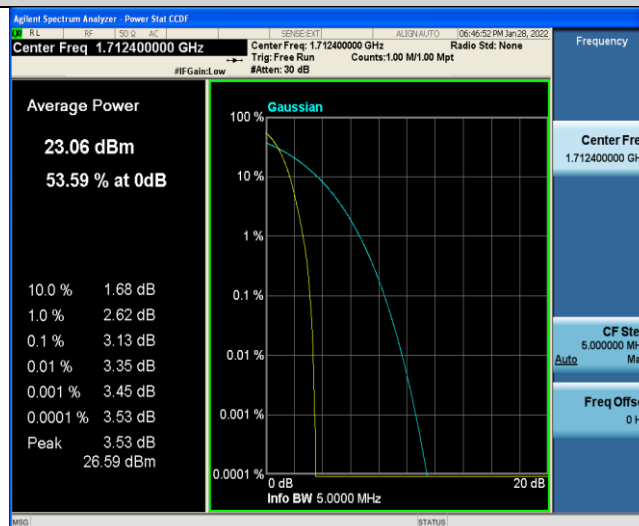
**Band II-9262****Band II-9400**



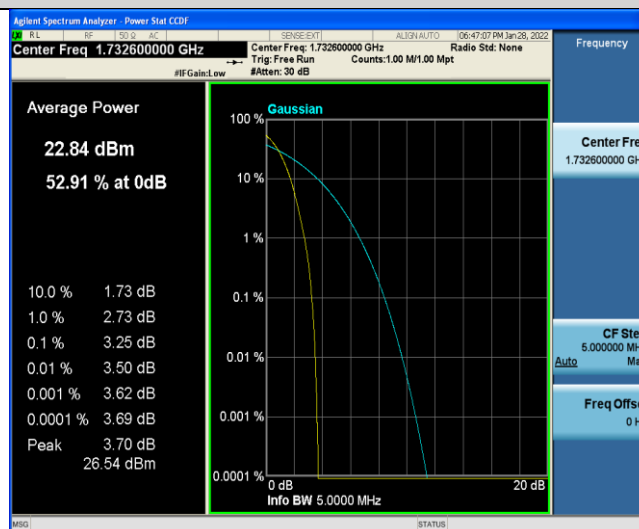
### Band II-9538

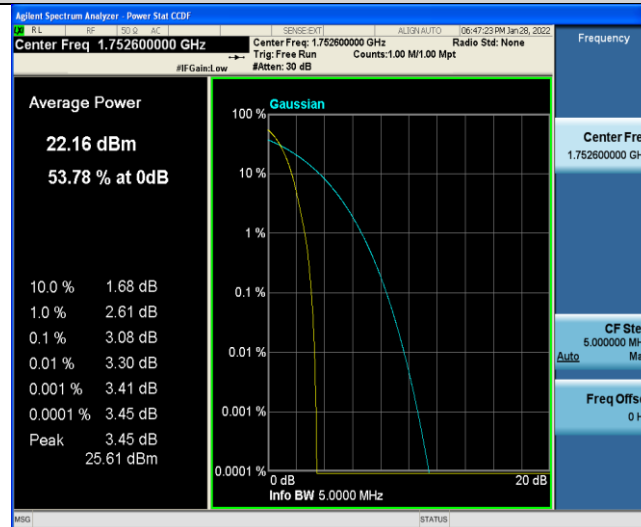
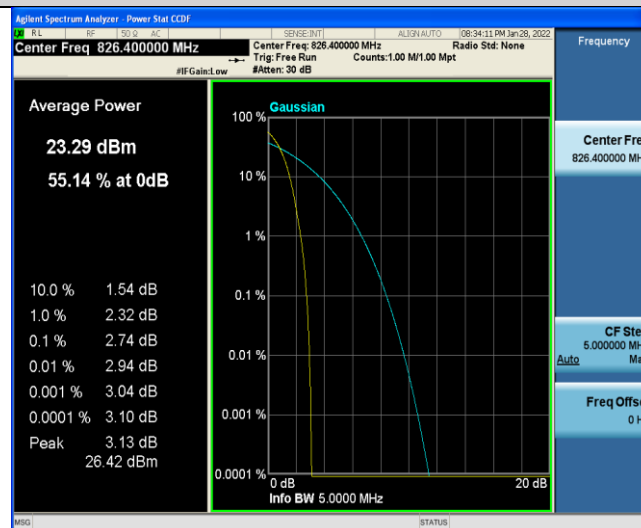
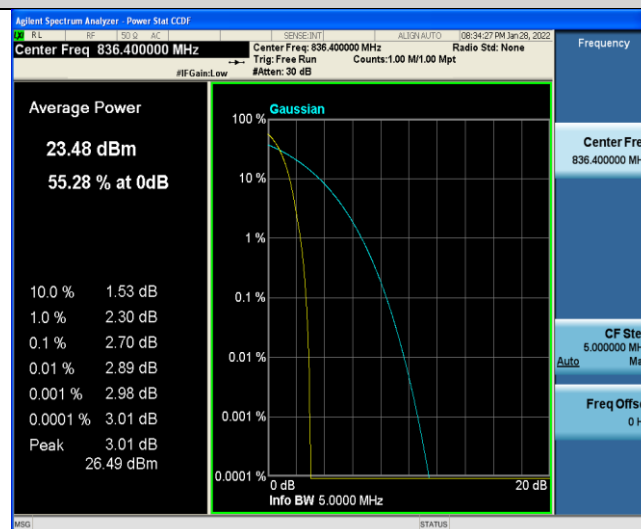


### Band IV-1312



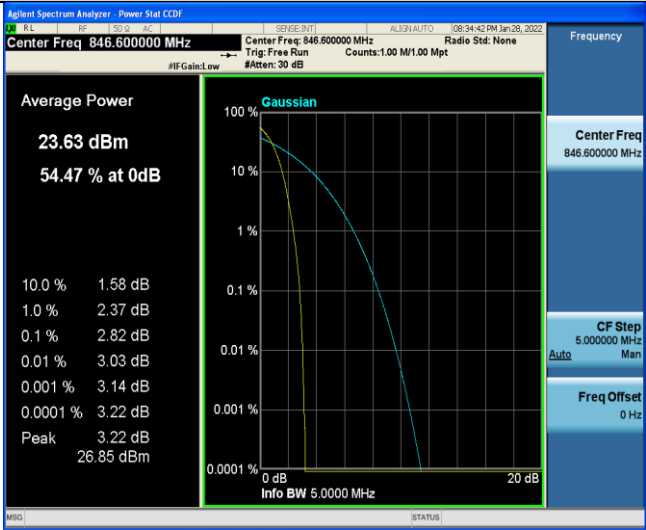
### Band IV-1413



**Band IV-1513****Band V-4132****Band V-4182**



Band V-4233



**LTE:**

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 3.95       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 4.62       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 4.59       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 5.15       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 4.28       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 4.93       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 4.92       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 5.48       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 5.40       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 6.00       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 5.15       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 5.76       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 3.94       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 4.67       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 4.60       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.27       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#0            | 4.20       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 4.94       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#0            | 4.93       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 5.46       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 1RB#0            | 5.45       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 6.05       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1RB#0            | 5.13       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 5.75       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1RB#0            | 3.97       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.75       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 1RB#0            | 4.54       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 5.27       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1RB#0            | 4.13       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 5.02       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 1RB#0            | 4.97       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 5.60       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 1RB#0            | 5.34       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 6.09       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 1RB#0            | 5.07       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 5.84       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 1RB#0            | 3.88       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 4.84       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 1RB#0            | 4.43       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 5.29       | 13        | PASS    |

|       |        |       |       |         |      |    |      |
|-------|--------|-------|-------|---------|------|----|------|
| Band2 | 10MHz  | QPSK  | 19150 | 1RB#0   | 4.06 | 13 | PASS |
| Band2 | 10MHz  | QPSK  | 19150 | 50RB#0  | 5.00 | 13 | PASS |
| Band2 | 10MHz  | 16QAM | 18650 | 1RB#0   | 4.88 | 13 | PASS |
| Band2 | 10MHz  | 16QAM | 18650 | 50RB#0  | 5.59 | 13 | PASS |
| Band2 | 10MHz  | 16QAM | 18900 | 1RB#0   | 5.36 | 13 | PASS |
| Band2 | 10MHz  | 16QAM | 18900 | 50RB#0  | 6.01 | 13 | PASS |
| Band2 | 10MHz  | 16QAM | 19150 | 1RB#0   | 5.06 | 13 | PASS |
| Band2 | 10MHz  | 16QAM | 19150 | 50RB#0  | 5.79 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18675 | 1RB#0   | 3.99 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18675 | 75RB#0  | 4.68 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18900 | 1RB#0   | 4.50 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 18900 | 75RB#0  | 4.90 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 19125 | 1RB#0   | 4.52 | 13 | PASS |
| Band2 | 15MHz  | QPSK  | 19125 | 75RB#0  | 4.75 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18675 | 1RB#0   | 5.01 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18675 | 75RB#0  | 5.67 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18900 | 1RB#0   | 5.42 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 18900 | 75RB#0  | 5.96 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 19125 | 1RB#0   | 5.45 | 13 | PASS |
| Band2 | 15MHz  | 16QAM | 19125 | 75RB#0  | 5.76 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18700 | 1RB#0   | 4.25 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18700 | 100RB#0 | 5.31 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18900 | 1RB#0   | 4.64 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 18900 | 100RB#0 | 5.33 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 1RB#0   | 4.65 | 13 | PASS |
| Band2 | 20MHz  | QPSK  | 19100 | 100RB#0 | 5.30 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 1RB#0   | 6.73 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18700 | 100RB#0 | 6.34 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 1RB#0   | 4.57 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 18900 | 100RB#0 | 6.47 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 1RB#0   | 4.56 | 13 | PASS |
| Band2 | 20MHz  | 16QAM | 19100 | 100RB#0 | 6.41 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 1RB#0   | 4.48 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 19957 | 6RB#0   | 5.11 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 1RB#0   | 4.82 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20175 | 6RB#0   | 5.39 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 1RB#0   | 4.33 | 13 | PASS |
| Band4 | 1.4MHz | QPSK  | 20393 | 6RB#0   | 4.94 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 1RB#0   | 5.32 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 19957 | 6RB#0   | 5.95 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20175 | 1RB#0   | 5.72 | 13 | PASS |

|       |        |       |       |        |      |    |      |
|-------|--------|-------|-------|--------|------|----|------|
| Band4 | 1.4MHz | 16QAM | 20175 | 6RB#0  | 6.28 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 1RB#0  | 5.31 | 13 | PASS |
| Band4 | 1.4MHz | 16QAM | 20393 | 6RB#0  | 5.91 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 1RB#0  | 4.49 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 19965 | 15RB#0 | 5.21 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 1RB#0  | 4.84 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20175 | 15RB#0 | 5.48 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 1RB#0  | 4.46 | 13 | PASS |
| Band4 | 3MHz   | QPSK  | 20385 | 15RB#0 | 5.09 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 1RB#0  | 5.44 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 19965 | 15RB#0 | 6.03 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 1RB#0  | 5.75 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20175 | 15RB#0 | 6.32 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 1RB#0  | 5.45 | 13 | PASS |
| Band4 | 3MHz   | 16QAM | 20385 | 15RB#0 | 5.98 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 19975 | 1RB#0  | 4.48 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 19975 | 25RB#0 | 5.31 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20175 | 1RB#0  | 4.87 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20175 | 25RB#0 | 5.46 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20375 | 1RB#0  | 4.45 | 13 | PASS |
| Band4 | 5MHz   | QPSK  | 20375 | 25RB#0 | 5.15 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 19975 | 1RB#0  | 5.30 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 19975 | 25RB#0 | 6.14 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20175 | 1RB#0  | 5.74 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20175 | 25RB#0 | 6.33 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20375 | 1RB#0  | 5.37 | 13 | PASS |
| Band4 | 5MHz   | 16QAM | 20375 | 25RB#0 | 6.04 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20000 | 1RB#0  | 4.51 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20000 | 50RB#0 | 5.38 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20175 | 1RB#0  | 4.93 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20175 | 50RB#0 | 5.43 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20350 | 1RB#0  | 4.35 | 13 | PASS |
| Band4 | 10MHz  | QPSK  | 20350 | 50RB#0 | 5.19 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20000 | 1RB#0  | 5.40 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20000 | 50RB#0 | 6.14 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20175 | 1RB#0  | 5.83 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20175 | 50RB#0 | 6.25 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20350 | 1RB#0  | 5.22 | 13 | PASS |
| Band4 | 10MHz  | 16QAM | 20350 | 50RB#0 | 5.97 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20025 | 1RB#0  | 4.59 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20025 | 75RB#0 | 5.04 | 13 | PASS |

|       |        |       |       |         |      |    |      |
|-------|--------|-------|-------|---------|------|----|------|
| Band4 | 15MHz  | QPSK  | 20175 | 1RB#0   | 5.04 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20175 | 75RB#0  | 5.02 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20325 | 1RB#0   | 4.41 | 13 | PASS |
| Band4 | 15MHz  | QPSK  | 20325 | 75RB#0  | 4.87 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20025 | 1RB#0   | 5.52 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20025 | 75RB#0  | 6.09 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20175 | 1RB#0   | 5.88 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20175 | 75RB#0  | 6.09 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20325 | 1RB#0   | 5.45 | 13 | PASS |
| Band4 | 15MHz  | 16QAM | 20325 | 75RB#0  | 5.94 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 1RB#0   | 5.32 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20050 | 100RB#0 | 5.38 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 1RB#0   | 5.10 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20175 | 100RB#0 | 5.39 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 1RB#0   | 4.81 | 13 | PASS |
| Band4 | 20MHz  | QPSK  | 20300 | 100RB#0 | 5.33 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 1RB#0   | 5.36 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20050 | 100RB#0 | 6.58 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 1RB#0   | 5.38 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20175 | 100RB#0 | 6.58 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 1RB#0   | 4.80 | 13 | PASS |
| Band4 | 20MHz  | 16QAM | 20300 | 100RB#0 | 6.44 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 1RB#0   | 4.06 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20407 | 6RB#0   | 4.73 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 1RB#0   | 4.23 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20525 | 6RB#0   | 4.83 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 1RB#0   | 4.28 | 13 | PASS |
| Band5 | 1.4MHz | QPSK  | 20643 | 6RB#0   | 4.84 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 1RB#0   | 4.91 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20407 | 6RB#0   | 5.49 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#0   | 5.04 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0   | 5.60 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0   | 5.13 | 13 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0   | 5.69 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0   | 4.08 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0  | 4.91 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0   | 4.24 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0  | 4.90 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0   | 4.43 | 13 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0  | 5.02 | 13 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0   | 4.94 | 13 | PASS |



|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 3MHz  | 16QAM | 20415 | 15RB#0 | 5.69 | 13 | PASS |
| Band5 | 3MHz  | 16QAM | 20525 | 1RB#0  | 5.06 | 13 | PASS |
| Band5 | 3MHz  | 16QAM | 20525 | 15RB#0 | 5.66 | 13 | PASS |
| Band5 | 3MHz  | 16QAM | 20635 | 1RB#0  | 5.39 | 13 | PASS |
| Band5 | 3MHz  | 16QAM | 20635 | 15RB#0 | 5.78 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 1RB#0  | 4.06 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20425 | 25RB#0 | 4.98 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 1RB#0  | 4.17 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20525 | 25RB#0 | 4.90 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 1RB#0  | 4.38 | 13 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0 | 5.07 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0  | 4.92 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0 | 5.75 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0  | 5.03 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0 | 5.67 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0  | 5.22 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | 5.85 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 4.02 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 5.13 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 4.27 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.01 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.10 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.15 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 4.89 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 5.87 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 5.09 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 5.71 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 4.95 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 5.89 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 1RB#0  | 4.27 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 20775 | 25RB#0 | 5.05 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 1RB#0  | 4.01 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21100 | 25RB#0 | 4.80 | 13 | PASS |
| Band7 | 5MHz  | QPSK  | 21425 | 1RB#0  | 4.21 | 13 | PASS |
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| Band7 | 5MHz  | 16QAM | 21100 | 1RB#0  | 4.86 | 13 | PASS |
| Band7 | 5MHz  | 16QAM | 21100 | 25RB#0 | 5.60 | 13 | PASS |
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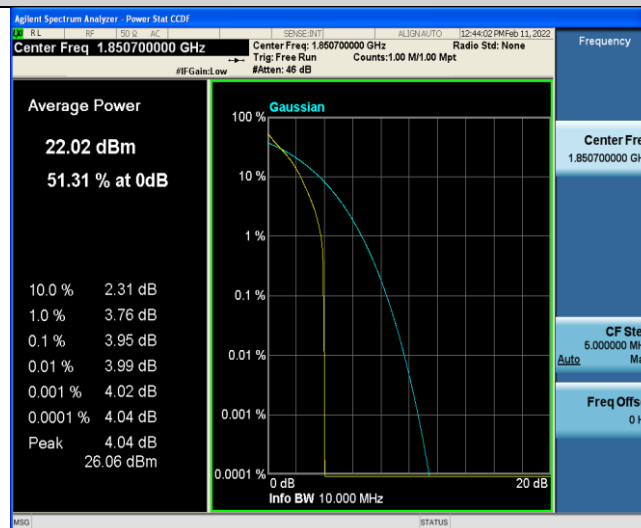


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| Band7  | 10MHz  | QPSK  | 20800 | 50RB#0  | 5.22 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21100 | 1RB#0   | 4.18 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21100 | 50RB#0  | 4.94 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21400 | 1RB#0   | 4.47 | 13 | PASS |
| Band7  | 10MHz  | QPSK  | 21400 | 50RB#0  | 5.11 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 20800 | 1RB#0   | 5.24 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 20800 | 50RB#0  | 5.90 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21100 | 1RB#0   | 4.97 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21100 | 50RB#0  | 5.69 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21400 | 1RB#0   | 5.38 | 13 | PASS |
| Band7  | 10MHz  | 16QAM | 21400 | 50RB#0  | 5.88 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 20825 | 1RB#0   | 4.30 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 20825 | 75RB#0  | 4.96 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21100 | 1RB#0   | 4.35 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21100 | 75RB#0  | 4.79 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21375 | 1RB#0   | 4.65 | 13 | PASS |
| Band7  | 15MHz  | QPSK  | 21375 | 75RB#0  | 4.92 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 20825 | 1RB#0   | 5.14 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 20825 | 75RB#0  | 5.95 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 1RB#0   | 5.30 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21100 | 75RB#0  | 5.74 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21375 | 1RB#0   | 5.49 | 13 | PASS |
| Band7  | 15MHz  | 16QAM | 21375 | 75RB#0  | 5.90 | 13 | PASS |
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| Band7  | 20MHz  | QPSK  | 20850 | 100RB#0 | 5.36 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 1RB#0   | 6.91 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21100 | 100RB#0 | 5.29 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 1RB#0   | 4.71 | 13 | PASS |
| Band7  | 20MHz  | QPSK  | 21350 | 100RB#0 | 5.37 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 1RB#0   | 5.50 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 20850 | 100RB#0 | 6.47 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 1RB#0   | 7.04 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21100 | 100RB#0 | 6.33 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 1RB#0   | 4.71 | 13 | PASS |
| Band7  | 20MHz  | 16QAM | 21350 | 100RB#0 | 6.55 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 1RB#0   | 4.49 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23017 | 6RB#0   | 5.16 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 1RB#0   | 4.46 | 13 | PASS |
| Band12 | 1.4MHz | QPSK  | 23095 | 6RB#0   | 5.14 | 13 | PASS |
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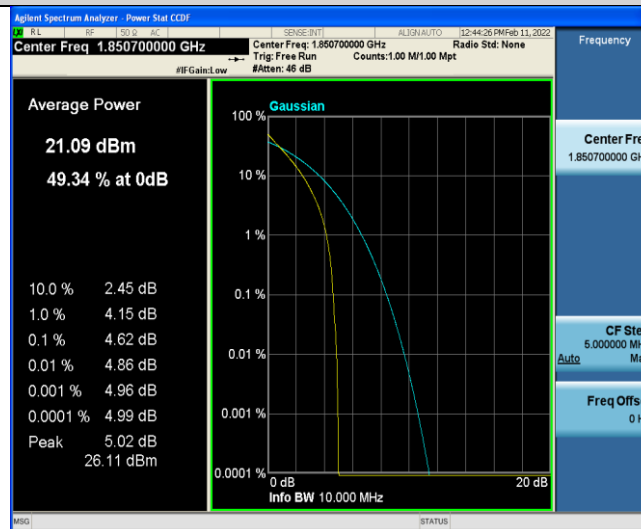
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| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0  | 5.39 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0  | 6.02 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0  | 5.34 | 13 | PASS |
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| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 4.44 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 5.18 | 13 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 4.40 | 13 | PASS |
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| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | 6.00 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#0  | 5.16 | 13 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | 5.71 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 1RB#0  | 4.45 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23035 | 25RB#0 | 5.16 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 1RB#0  | 4.35 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23095 | 25RB#0 | 5.18 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23155 | 1RB#0  | 4.44 | 13 | PASS |
| Band12 | 5MHz   | QPSK  | 23155 | 25RB#0 | 5.04 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23035 | 1RB#0  | 5.38 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23035 | 25RB#0 | 6.00 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 1RB#0  | 5.20 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23095 | 25RB#0 | 6.01 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23155 | 1RB#0  | 5.33 | 13 | PASS |
| Band12 | 5MHz   | 16QAM | 23155 | 25RB#0 | 5.85 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 1RB#0  | 4.48 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23060 | 50RB#0 | 5.22 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 1RB#0  | 4.41 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23095 | 50RB#0 | 5.30 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 1RB#0  | 4.41 | 13 | PASS |
| Band12 | 10MHz  | QPSK  | 23130 | 50RB#0 | 5.14 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 1RB#0  | 5.43 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23060 | 50RB#0 | 5.94 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 1RB#0  | 5.25 | 13 | PASS |
| Band12 | 10MHz  | 16QAM | 23095 | 50RB#0 | 5.99 | 13 | PASS |

|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 5.26 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 5.95 | 13 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 1RB#0  | 4.14 | 13 | PASS |
| Band13 | 5MHz  | QPSK  | 23205 | 25RB#0 | 4.76 | 13 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 1RB#0  | 3.48 | 13 | PASS |
| Band13 | 5MHz  | QPSK  | 23230 | 25RB#0 | 4.64 | 13 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 1RB#0  | 3.42 | 13 | PASS |
| Band13 | 5MHz  | QPSK  | 23255 | 25RB#0 | 4.74 | 13 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#0  | 5.09 | 13 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 25RB#0 | 5.56 | 13 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#0  | 4.68 | 13 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0 | 5.44 | 13 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0  | 4.54 | 13 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0 | 5.50 | 13 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0  | 3.84 | 13 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0 | 4.83 | 13 | PASS |
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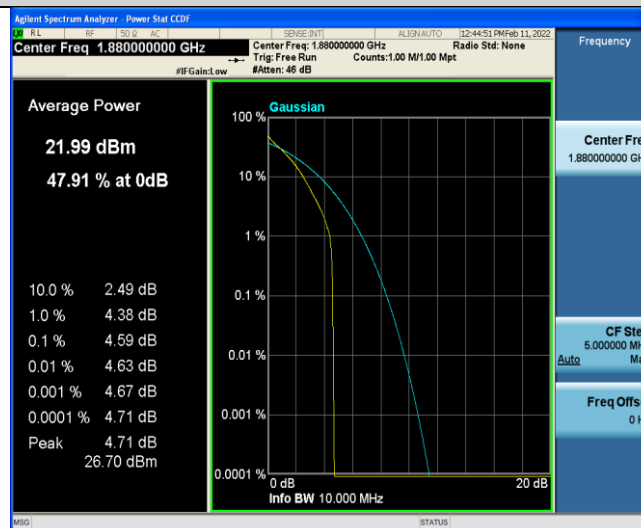
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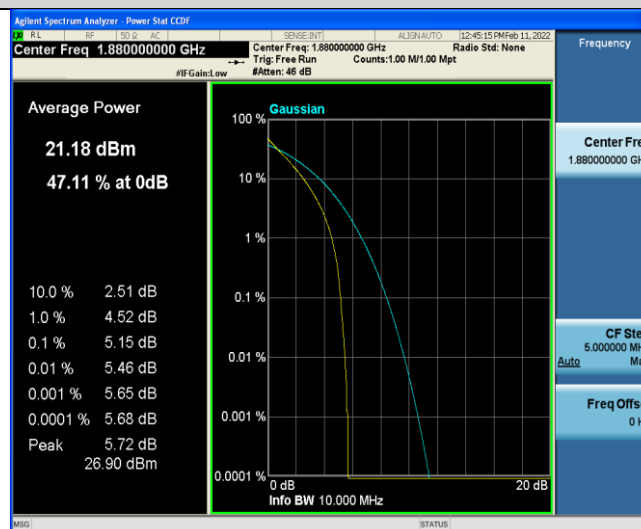
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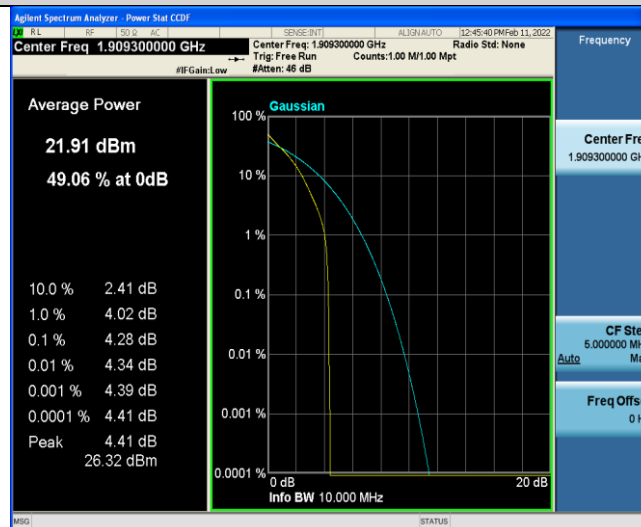
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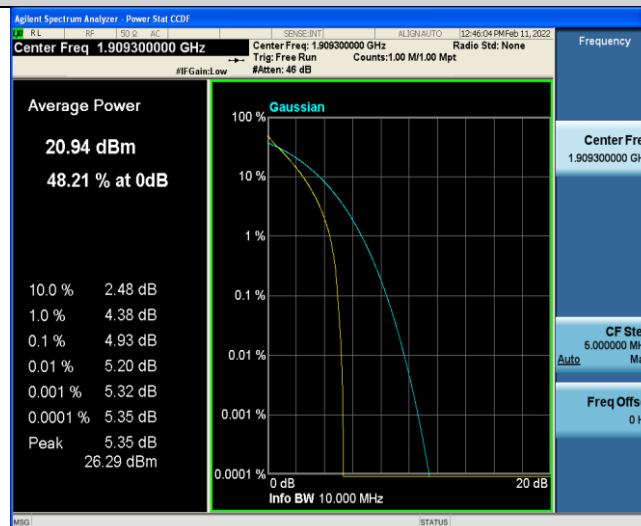
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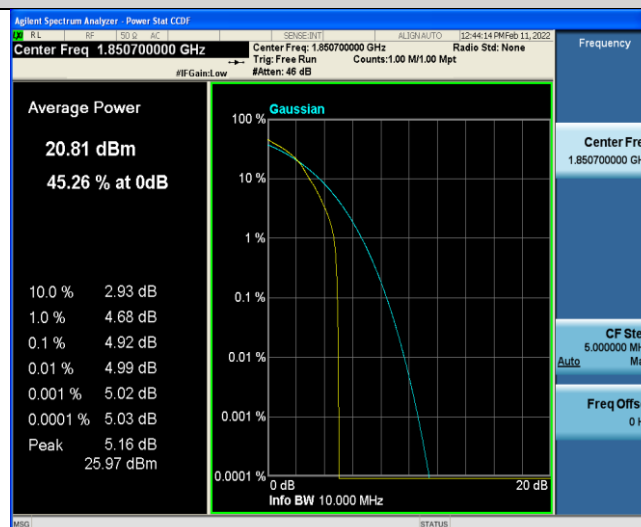
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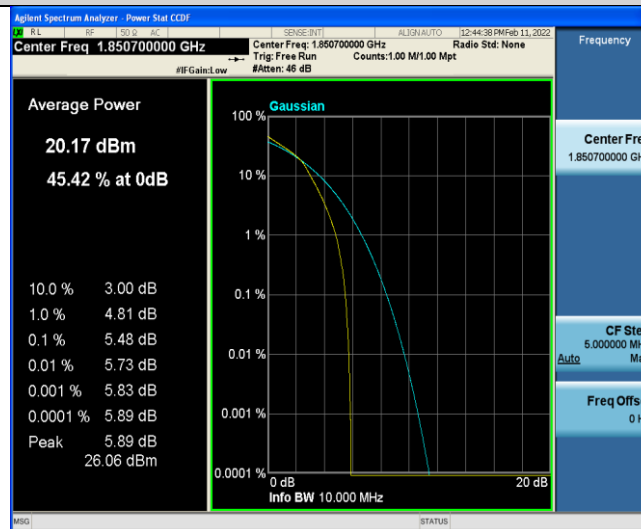
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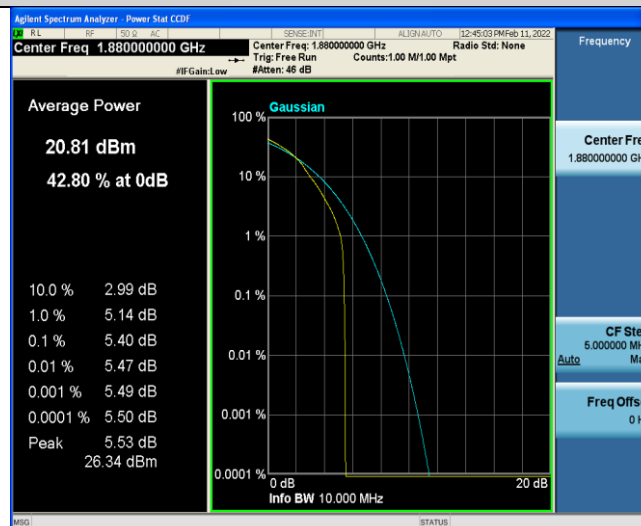
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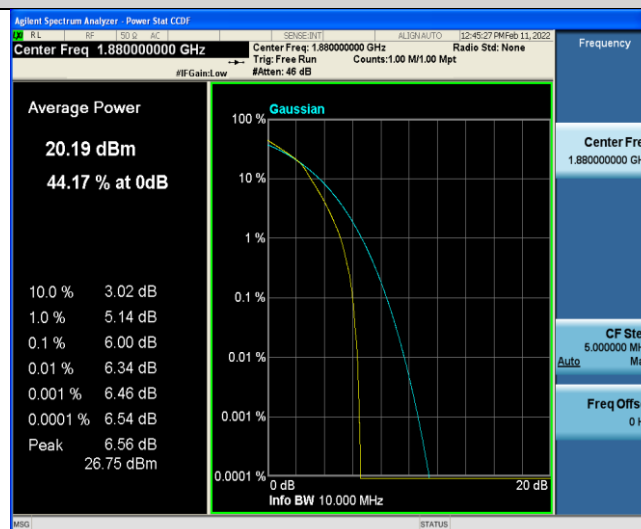
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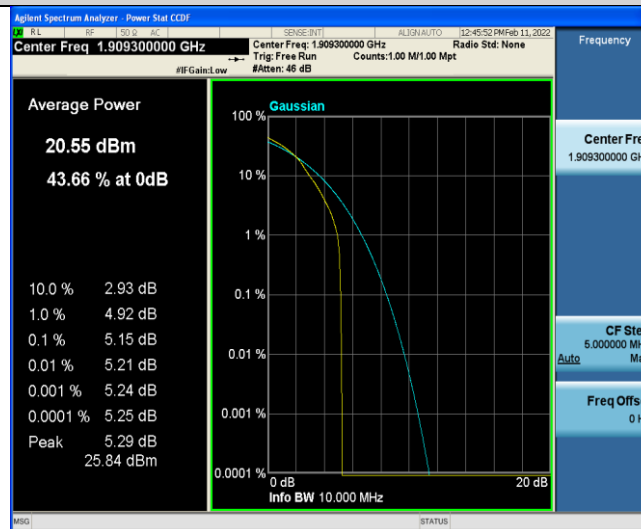
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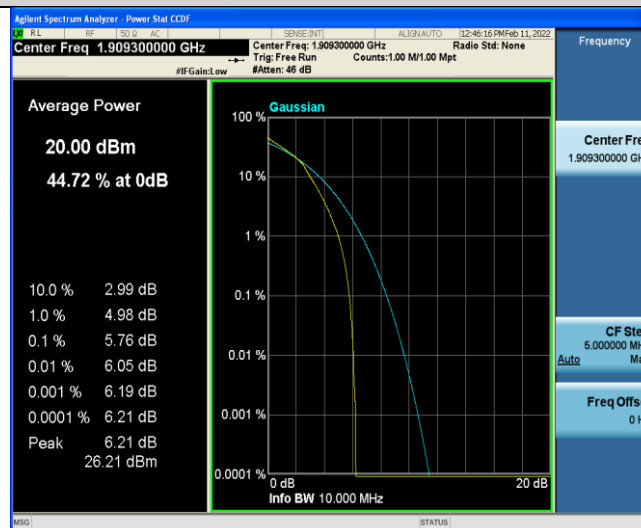
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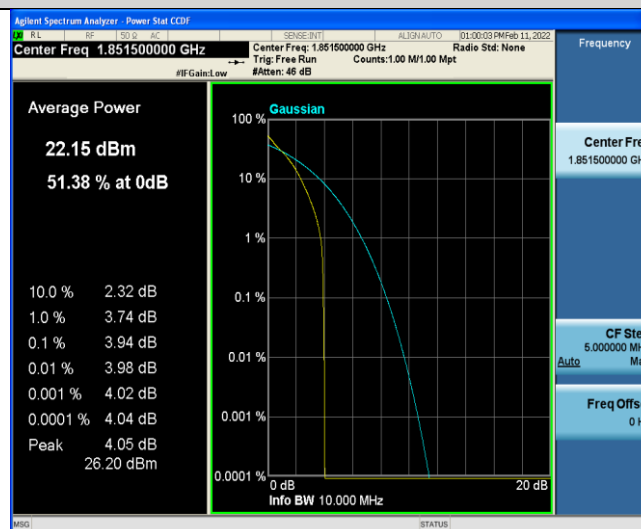
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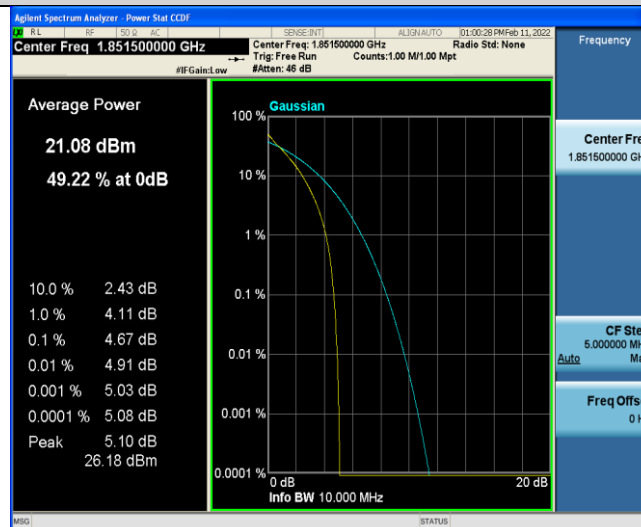
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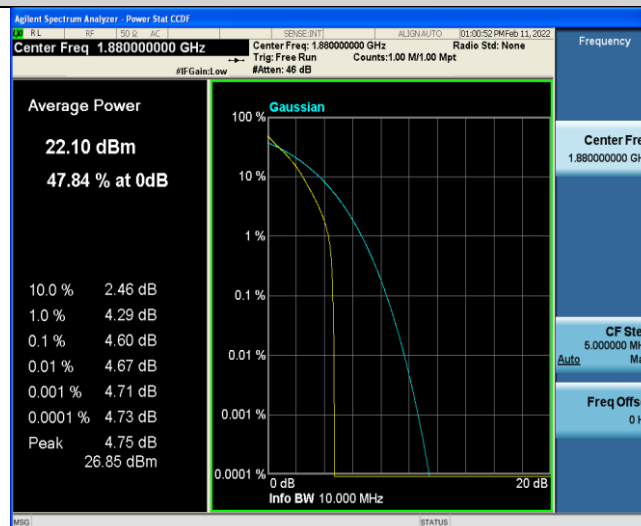
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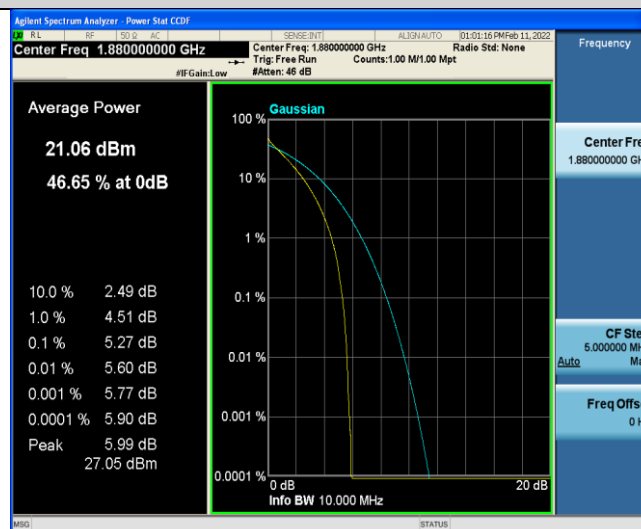
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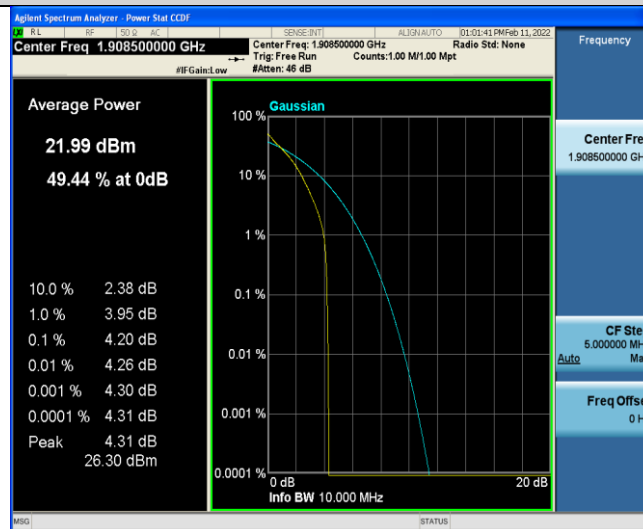


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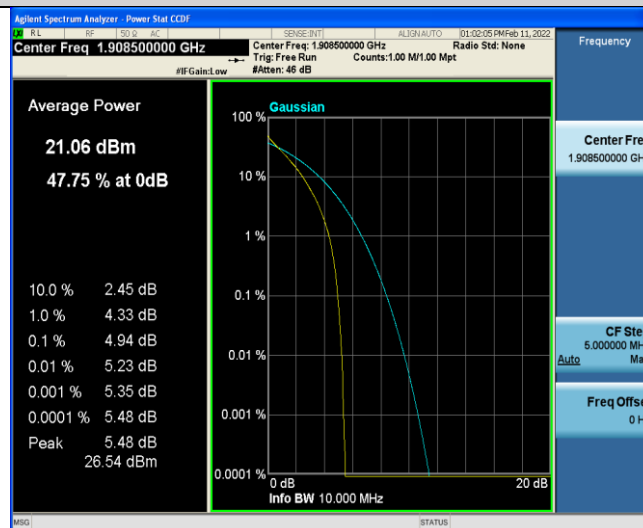




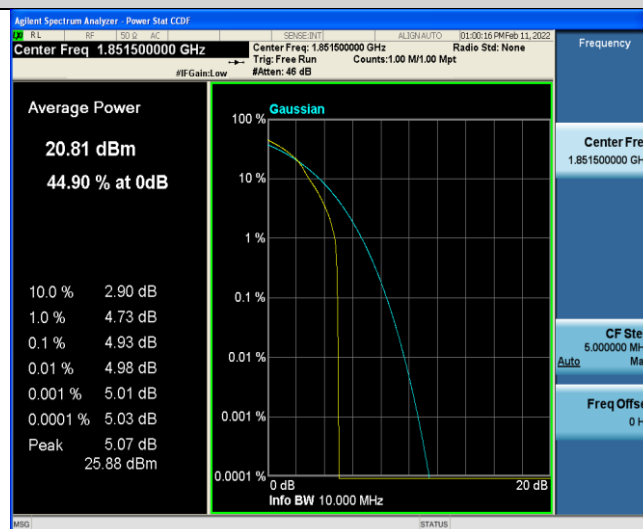
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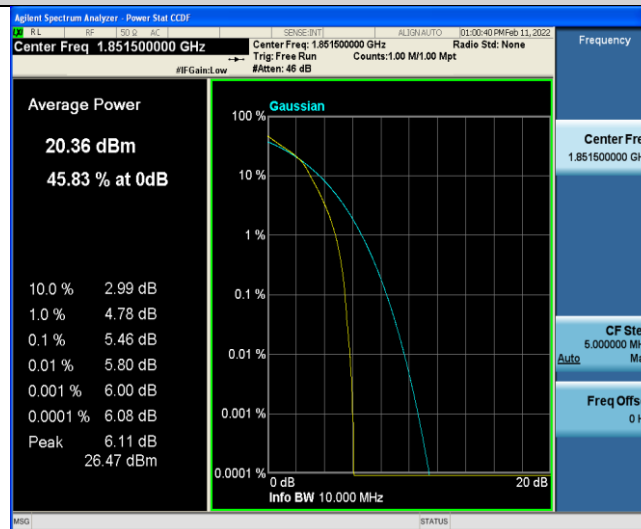
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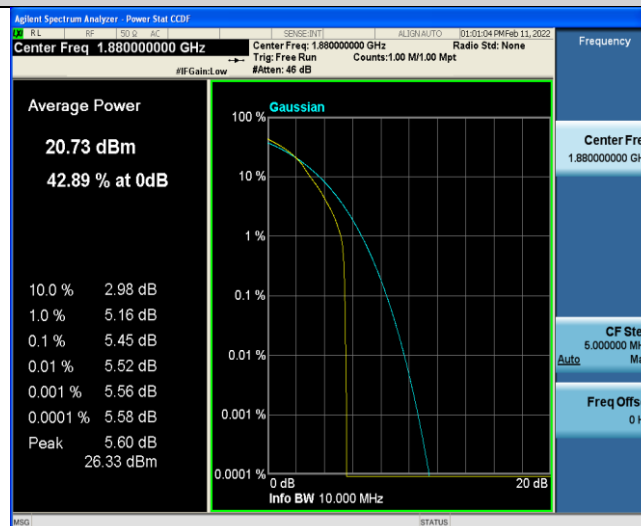
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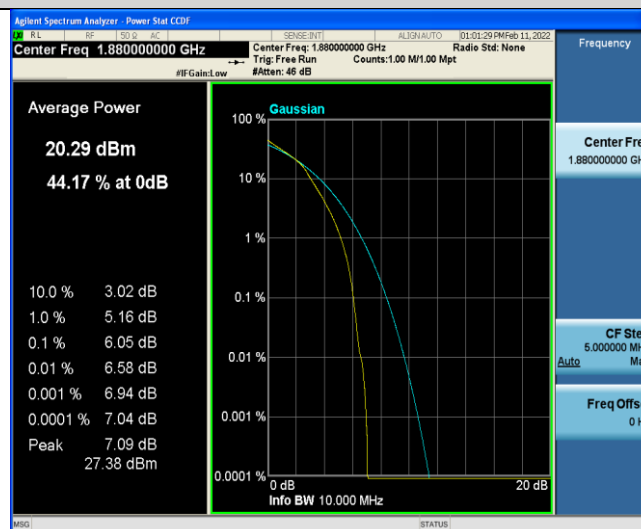
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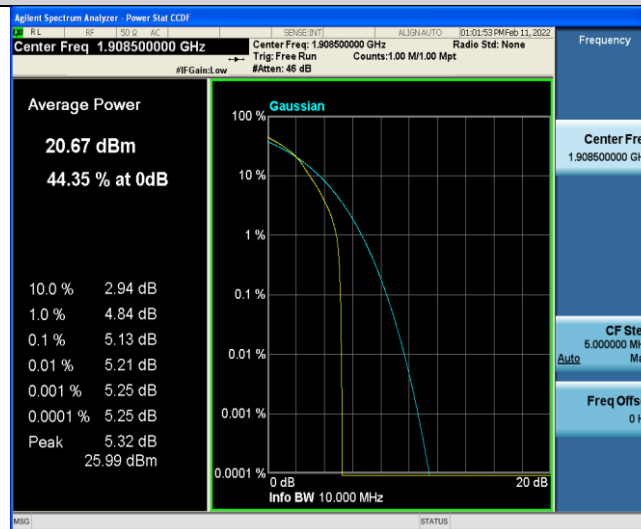
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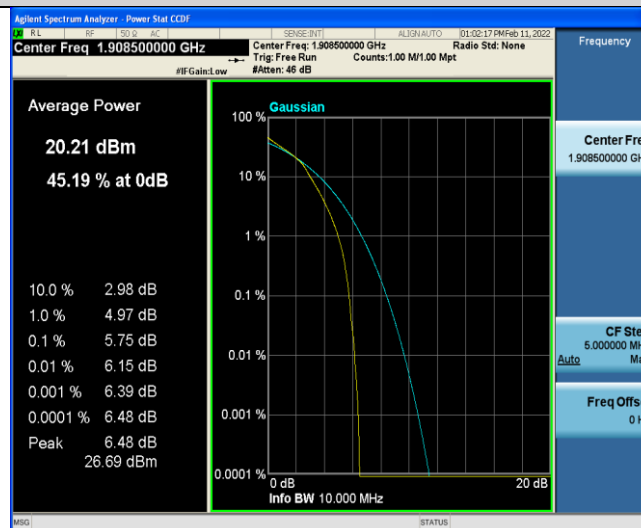
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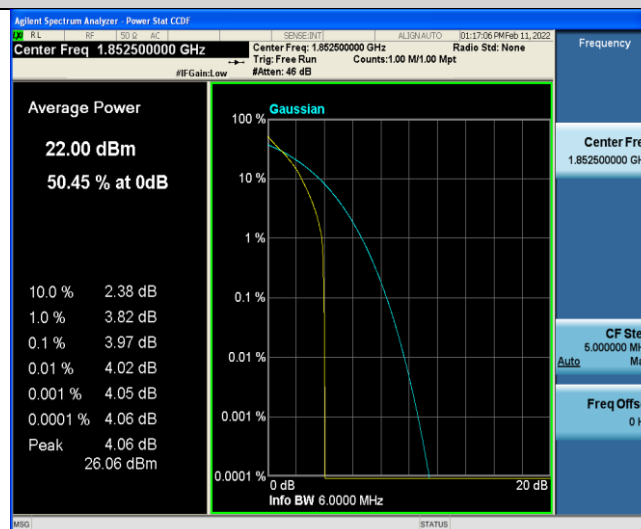
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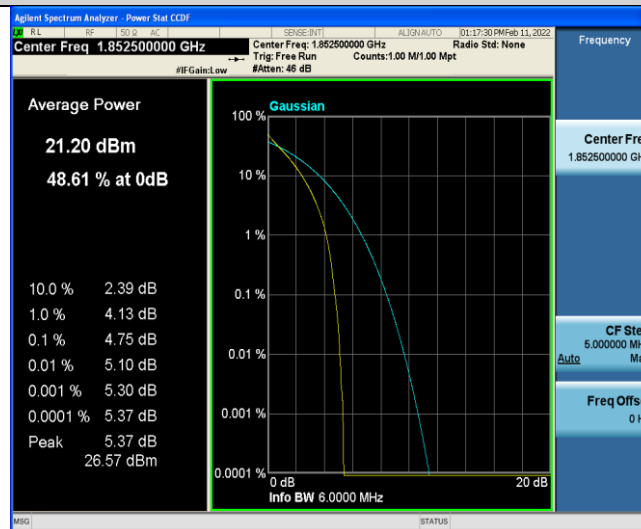
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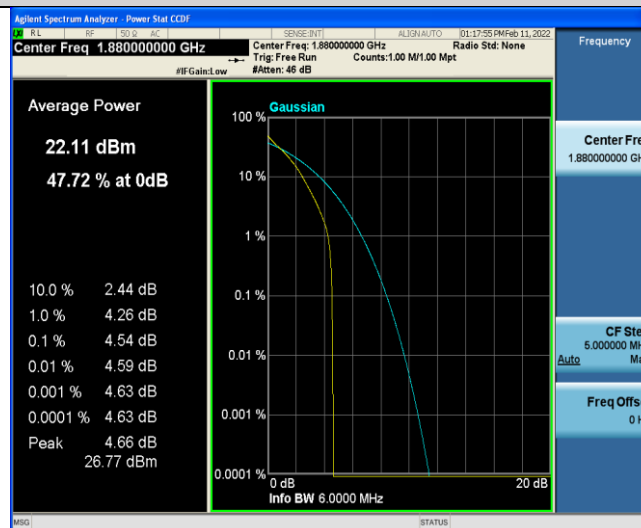
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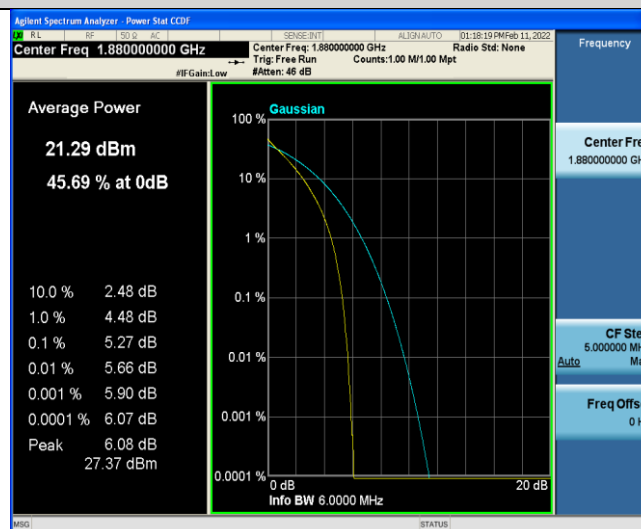
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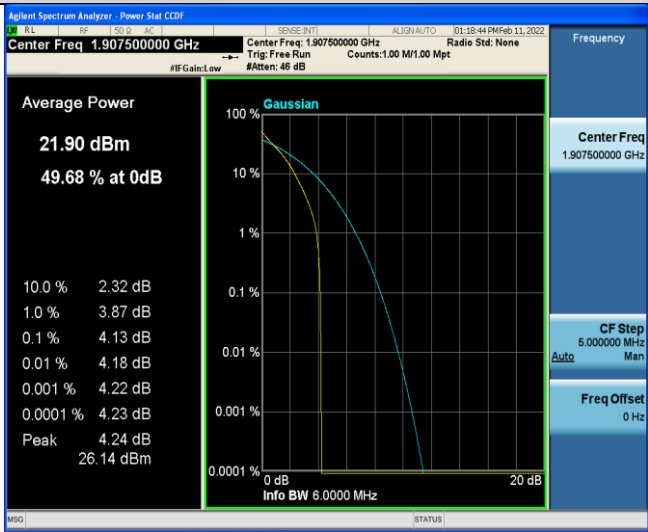
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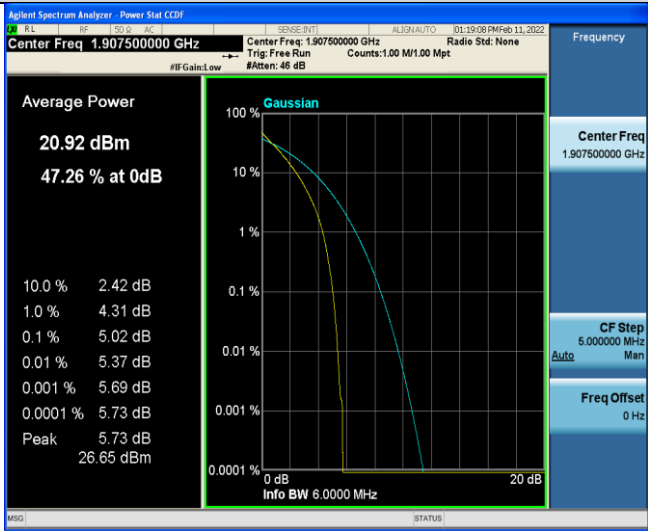
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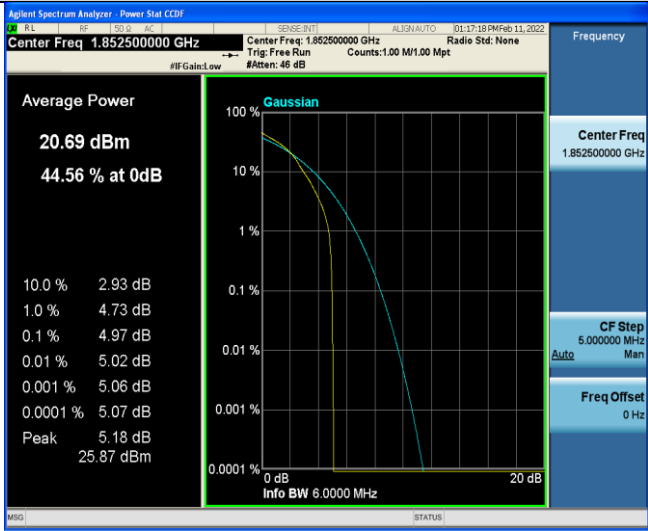
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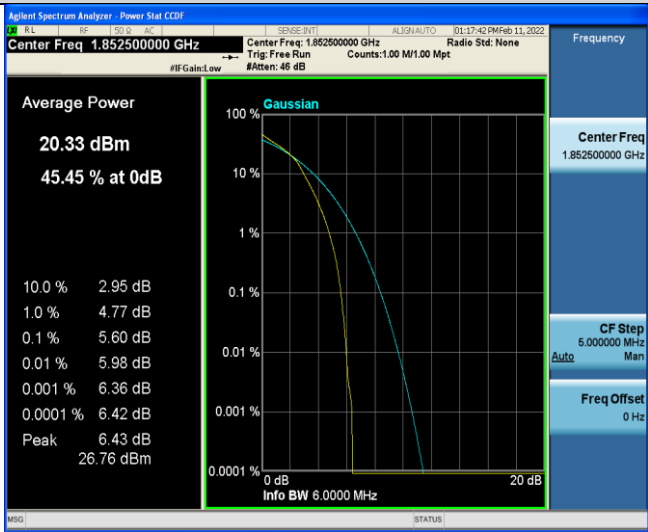


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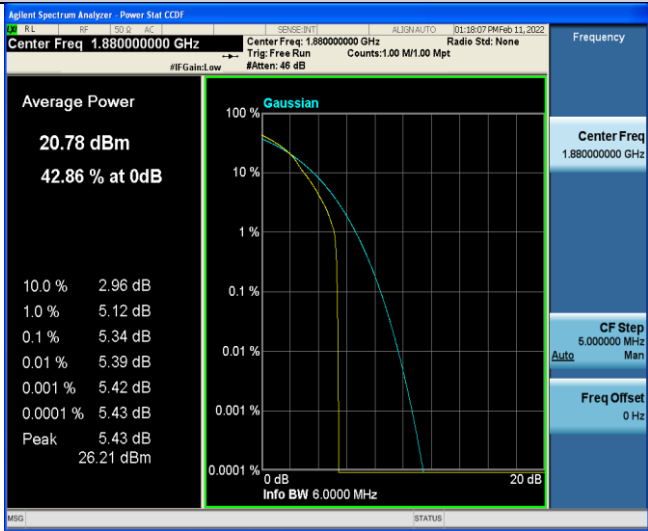




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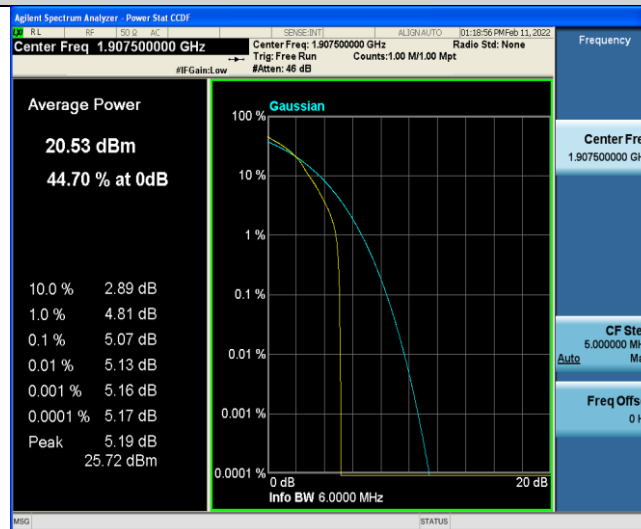
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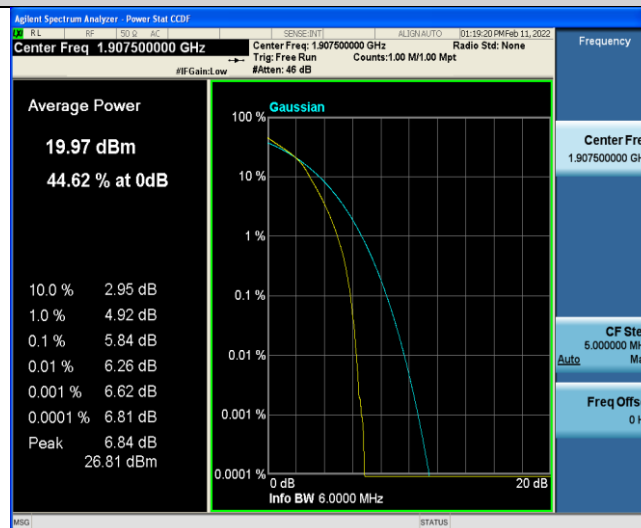
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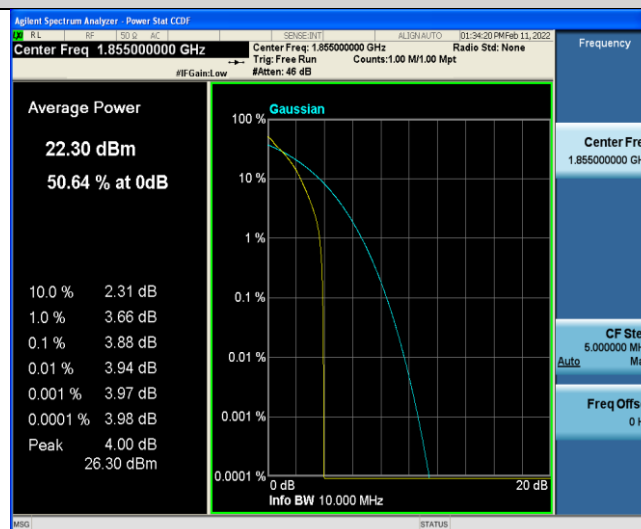
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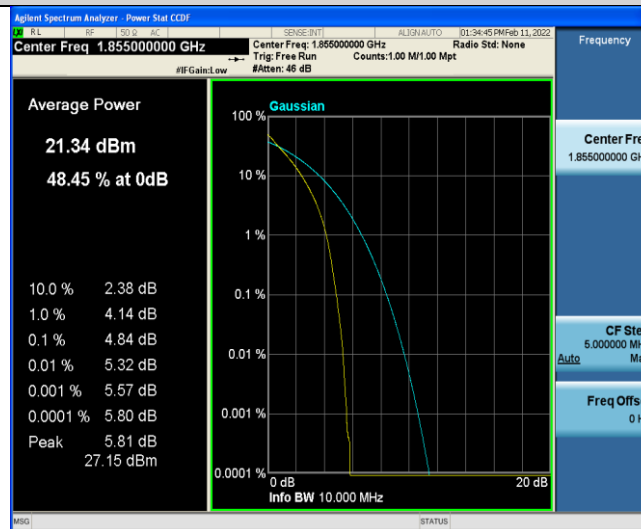
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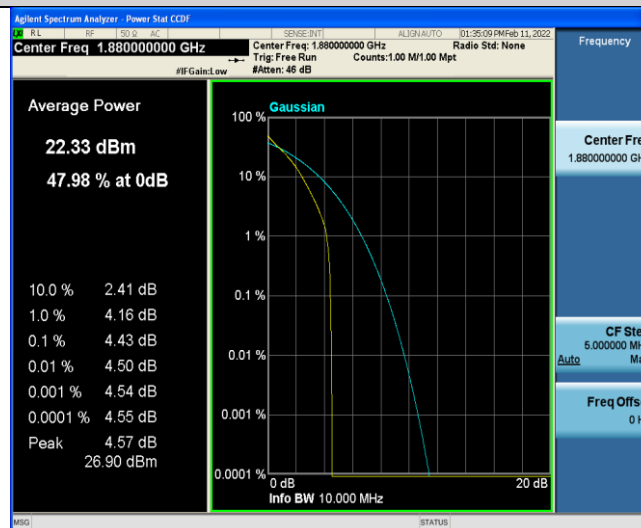
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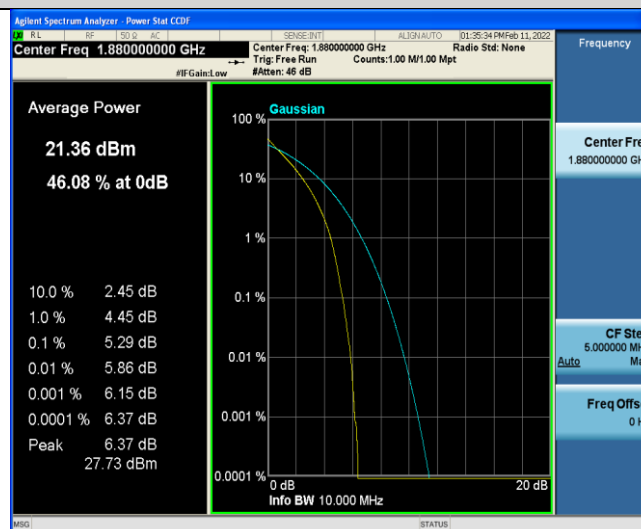
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## Band2-10MHz-QPSK-18900-1RB#0

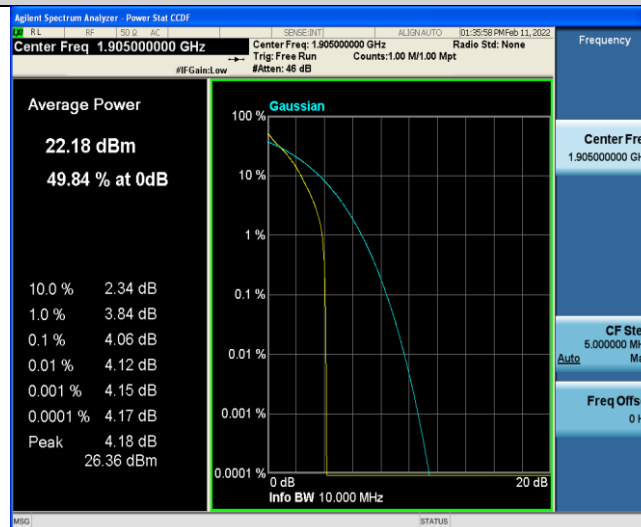


## Band2-10MHz-QPSK-18900-50RB#0

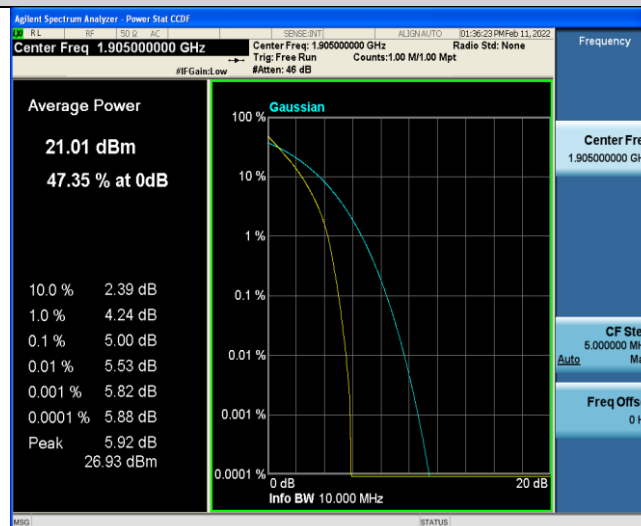




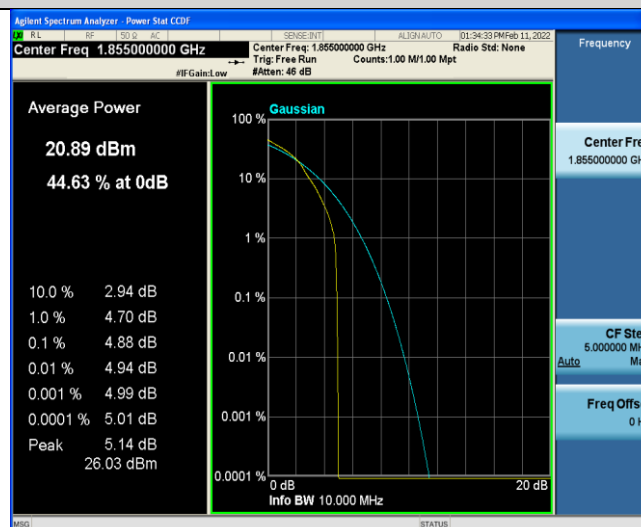
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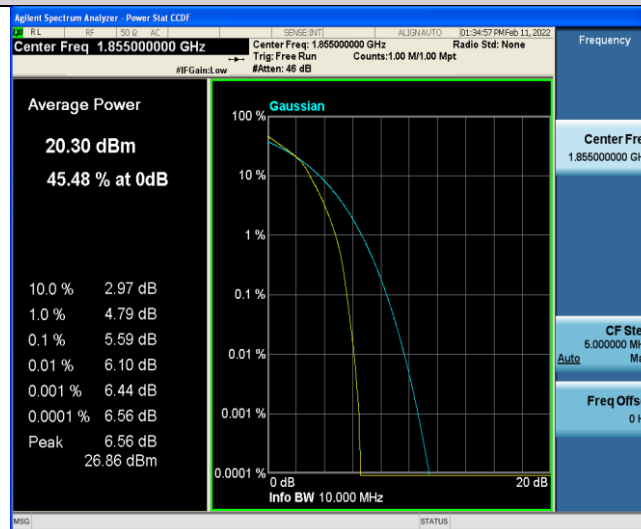
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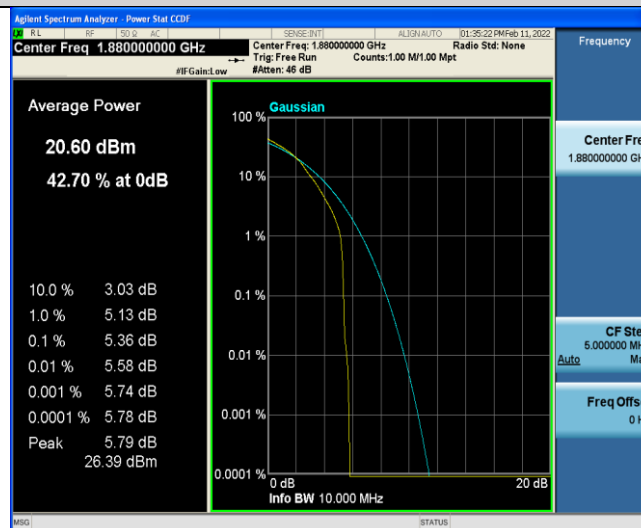
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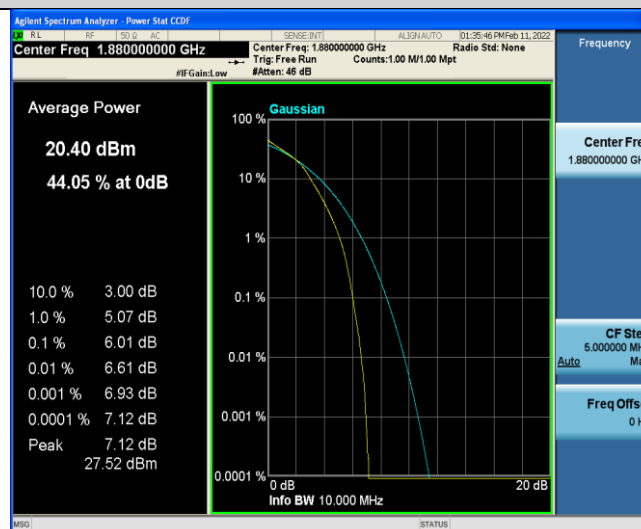
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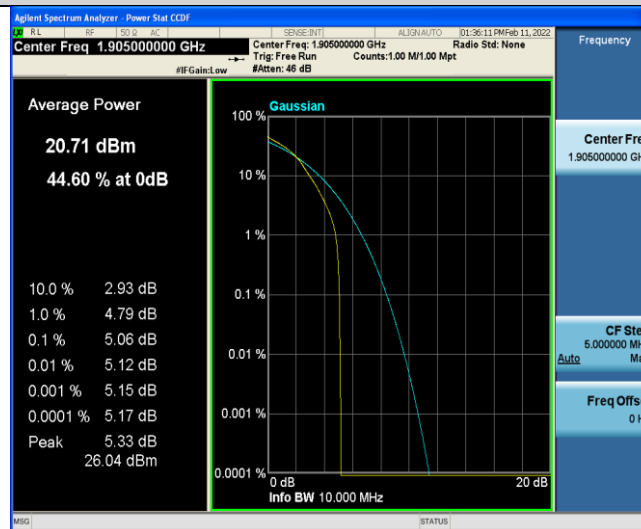
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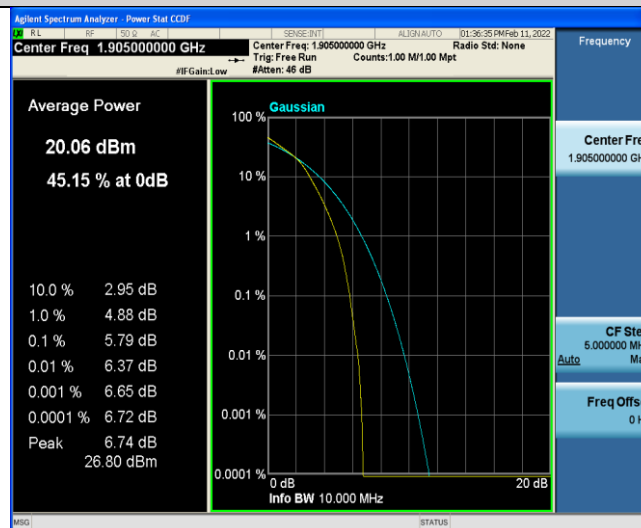
## Band2-10MHz-16QAM-18900-50RB#0



## Band2-10MHz-16QAM-19150-1RB#0



## Band2-10MHz-16QAM-19150-50RB#0



## Band2-15MHz-QPSK-18675-1RB#0

