



Test report No. : 4790218737-US-R2-V0  
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Issued date : 2022/7/4  
FCC ID : 2APLE18300418

## **RADIO TEST REPORT**

**Product** : Cellular and Battery Backup  
**Model Name** : LBB1001  
**FCC ID** : 2APLE18300418  
**Test Regulation** : FCC 47 CFR Part 22, Subpart H  
**Received Date** : 2022/3/31  
**Test Date** : 2022/4/6 ~ 2022/4/12 & 2022/6/24 ~ 2022/6/30  
**Issued Date** : 2022/7/4

**Applicant** : Arlo Technologies Inc  
2200 Faraday Avenue, Suite 150, Carlsbad, CA 92008, USA

**Issued By** : Underwriters Laboratories Taiwan Co., Ltd.  
Building B and Building E, No. 372-7, Sec. 4, Zhongxing  
Rd., Zhudong Township, Hsinchu County, Taiwan



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Doc No: 17-EM-F0912 / 6.0



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## REVISION HISTORY

**Original Test Report No.: 4790218737-US-R2-V0**

[illegible]

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## 1. Attestation of Test Results

**APPLICANT:** Arlo Technologies Inc  
2200 Faraday Avenue, Suite 150, Carlsbad, CA 92008, USA

**MANUFACTURER:** Funing Precision Component Co., Ltd.  
Lot B, Que Vo Industrial Zone, Van Duong Ward, Bac Ninh City,  
Bac Ninh Province, Vietnam

**EUT DESCRIPTION:** Cellular and Battery Backup

**BRAND:** Arlo

**MODEL:** LBB1001

**SAMPLE STAGE:** Engineering Verification Test sample

**DATE of TESTED:** 2022/4/6 ~ 2022/4/12 & 2022/6/24 ~ 2022/6/30

### APPLICABLE STANDARDS

| STANDARD           | Test Results |
|--------------------|--------------|
| FCC 47 CFR PART 22 | PASS         |

Underwriters Laboratories Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Underwriters Laboratories Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

**Note:** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Underwriters Laboratories Taiwan Co., Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Underwriters Laboratories Taiwan Co., Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Prepared By:

Cindy Hsin  
Project Handler

Date : 2022/7/4

Approved By:

Kent Liu  
Senior Laboratory Engineer

Date : 2022/7/4

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## 2. Summary of Test Results

| LTE Band 5               |                                        |        |
|--------------------------|----------------------------------------|--------|
| FCC Clause               | Test Items                             | Result |
| § 2.1046<br>§ 22.913 (a) | RF Output Power                        | PASS   |
| § 2.1049                 | Occupied Bandwidth                     | Note 1 |
| § 2.1055<br>§ 22.355     | Frequency Stability                    | Note 1 |
| §22.917                  | Band Edge Measurements                 | Note 1 |
| § 2.1051<br>§ 22.917     | Spurious Emissions at Antenna Terminal | Note 1 |
| § 2.1053<br>§ 22.917     | Radiated Spurious Emission             | PASS   |

Note:

1. This report is a supplementary report, RF module (FCC ID: XMR2020BG95M2) installed to the EUT, the module RF conducted port test results will be submitted as a part of the report for device certification, for more details please refer to declaration letter exhibit.



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### 3. Test Methodology and Reference Procedures

The tests documented in this report were performed in accordance with 47 CFR FCC Part 2, KDB 971168 D01 Power Meas License Digital Systems v03r01, ANSI C63.26-2015 and ANSI/TIA-603-E.

### 4. Facilities and Accreditation

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Test Location</b>             | Underwriters Laboratories Taiwan Co., Ltd.                                                            |
| <b>Address</b>                   | Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan |
| <b>Accreditation Certificate</b> | Underwriters Laboratories Taiwan Co., Ltd. is accredited by TAF, Laboratory Code 3398.                |

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## 5. Measurement Uncertainty

For statement of conformity, accuracy method (Section 8.2.4 and 8.2.5 of ISO Guide 98-4) was applied as decision rule for measurement in this test report.

The following uncertainties have been calculated to provide a confidence level of 95 % using a coverage factor  $k=2$ .

| Measurement                             | Frequency       | Uncertainty  |
|-----------------------------------------|-----------------|--------------|
| Spurious Emissions at Antenna Terminal  | 9 kHz - 40GHz   | $\pm 1.9$ dB |
| Radiated Spurious Emissions up to 1 GHz | 30MHz ~ 1000MHz | $\pm 5.0$ dB |
| Radiated Spurious Emissions above 1 GHz | 1GHz ~ 40GHz    | $\pm 4.6$ dB |
| RF power, conducted                     | 1GHz ~ 18GHz    | $\pm 1.1$ dB |
| RF power, radiated                      | 1GHz ~ 18GHz    | $\pm 4.8$ dB |
| Occupied Bandwidth                      | 30MHz ~ 40GHz   | $\pm 0.12$ % |
| Frequency Stability                     | 30MHz ~ 40GHz   | $\pm 0.12$ % |

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## 6. Equipment under Test

### 6.1. Description of EUT

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| <b>Product</b>        | Cellular and Battery Backup                       |
| <b>Brand Name</b>     | Arlo                                              |
| <b>Model Name</b>     | LBB1001                                           |
| <b>Normal Voltage</b> | 5Vdc From Host<br>3.6Vdc From Battery             |
| <b>S/N</b>            | ABBY227GA00AC                                     |
| <b>Sample ID</b>      | Conducted Test: 4835375<br>Radiated Test: 4835377 |

Note :

1. This report was issued based on the re-used report with module report number R1907A0448-R1V2. The RF module of EUT is the same as the FCC ID: XMR2020BG95M2. Therefore, only the output power and worst case of the emission was performed and recorded in this report.

2. The EUT contains following accessory devices:

| <b>Product</b> | <b>Brand</b> | <b>Model</b> | <b>Description</b> | <b>P/N</b>   |
|----------------|--------------|--------------|--------------------|--------------|
| Battery        | Arlo         | A-15         | 3.6Vdc,3250mAh     | 308-50033-01 |
| Battery        | Arlo         | A-15         | 3.6Vdc,3250mAh     | 308-50036-01 |

3. The above EUT information is declared by manufacturer and for more detailed features description, please refer the manufacturer's or user's manual.

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## 6.2. Technical Information

|                 |              |                                                              |
|-----------------|--------------|--------------------------------------------------------------|
| Frequency Bands | ■ LTE Band 5 | 824 MHz to 849 MHz (Uplink)<br>869 MHz to 894 MHz (Downlink) |
| Modulation Mode | QPSK / 16QAM |                                                              |

## 6.3. Emission Designator

|                 |              |            |       |         |
|-----------------|--------------|------------|-------|---------|
| Frequency Bands | ■ LTE Band 5 | BW 1.4 MHz | QPSK  | 1M11G7D |
|                 |              |            | 16QAM | 944KW7D |
|                 |              | BW 3 MHz   | QPSK  | 1M10G7D |
|                 |              |            | 16QAM | 953KW7D |
|                 |              | BW 5 MHz   | QPSK  | 1M11G7D |
|                 |              |            | 16QAM | 953KW7D |
|                 |              | BW 10 MHz  | QPSK  | 1M12G7D |
|                 |              |            | 16QAM | 968KW7D |

Note: This data refers to the original module report.

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#### 6.4. Test Condition

| Test Item                          | Test Site No. | Environmental Condition | Input Power | Test Date                                            | Tested by |
|------------------------------------|---------------|-------------------------|-------------|------------------------------------------------------|-----------|
| Antenna Port Conducted Measurement | SR4           | 23~26°C/<br>55~65%RH    | 5Vdc        | 2022/04/06~<br>2022/04/12                            | Mike Cai  |
| Radiated Spurious Emission         | 966-2         | 23~26°C/<br>55~65%RH    | 5Vdc        | 2022/04/06~<br>2022/04/12 &<br>2022/6/24 ~ 2022/6/30 | Mike Cai  |

FCC Test Firm Registration Number: 498077

#### 6.5. Description of Available Antennas

| Band       | Antenna Type | Antenna Gain(dBi) |
|------------|--------------|-------------------|
| LTE Band 5 | PIFA         | 4.13              |

Note: The above antenna information was provided from customer and for more detailed features description, please refer the manufacturer's specification or user's manual.

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## 6.6. Test Mode Applicability and Tested Channel Detail

- The EUT has two power source types: 3.6Vdc from battery and 5Vdc from Host, above two types were pre-tested, the worst case was found in the 5Vdc. Therefore only the test data of the 5Vdc was recorded in this report.
- The fundamental of the EUT was investigated in three orthogonal axes X-Y/Y-Z/X-Z, it was determined that X-Y plane was worst-case. Therefore, all final radiated testing was performed with the EUT in X-Y plane.
- The modulation and bandwidth are similar for QPSK mode and 16-QAM mode, the worst case was found in QPSK mode, therefore for radiated emission investigated QPSK mode to representative in test report.
- The LTE mode 1RB has the highest power, the radiated emission test is all using this mode for testing. (Except the highest BW add Full RB tested)
- For below 1 GHz radiated emission have performed all modes of operation were investigated and the worst-case channel for emissions are reported.
- Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

| TEST ITEM         | Available Channel | Tested Channel      | Channel bandwidth | MODULATION | MODE              | Test Axis |
|-------------------|-------------------|---------------------|-------------------|------------|-------------------|-----------|
| RF Power Output   | 20407 to 20643    | 20407, 20525, 20643 | 1.4MHz            | QPSK/16QAM | 1RB / 0 RB offset | X-Y Plane |
|                   | 20415 to 20635    | 20415, 20525, 20635 | 3MHz              | QPSK/16QAM | 1RB / 0 RB offset | X-Y Plane |
|                   | 20425 to 20625    | 20425, 20525, 20625 | 5MHz              | QPSK/16QAM | 1RB / 0 RB offset | X-Y Plane |
|                   | 20450 to 20600    | 20450, 20525, 20600 | 10MHz             | QPSK/16QAM | 1RB / 0 RB offset | X-Y Plane |
| Radiated Emission | 20407 to 20643    | 20407, 20525, 20643 | 1.4MHz            | QPSK       | 1 RB              | X-Y Plane |
|                   | 20425 to 20625    | 20425, 20525, 20625 | 5MHz              | QPSK       | 1 RB              | X-Y Plane |
|                   | 20450 to 20600    | 20450, 20525, 20600 | 10MHz             | QPSK       | 1 RB & Full RB    | X-Y Plane |

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## 7. Test Equipment

| Test Equipment List                          |                 |                         |                     |            |              |
|----------------------------------------------|-----------------|-------------------------|---------------------|------------|--------------|
| Equipment                                    | Manufacturer    | Model No.               | Serial No.          | Cal. Date  | Expired date |
| Radiated Spurious Emission                   |                 |                         |                     |            |              |
| Spectrum Analyzer                            | Keysight        | N9010A                  | MY56070827          | 2021/11/9  | 2022/11/8    |
| EMI Test Receiver                            | Rohde & Schwarz | ESR7                    | 101754              | 2021/12/10 | 2022/12/9    |
| Loop Antenna                                 | ETS lindgren    | 6502                    | 00213440            | 2021/12/23 | 2022/12/22   |
| Trilog-Broadband Antenna with 5dB Attenuator | Schwarzbeck     | VULB 9168 & N-6-05      | 774 & AT-N0538      | 2022/2/8   | 2023/2/7     |
| Trilog-Broadband Antenna with 5dB Attenuator | Schwarzbeck     | VULB 9168 & N-6-05      | 9168-774 & AT-N0538 | 2022/2/8   | 2023/2/7     |
| Horn Antenna (1-18 GHz)                      | Schwarzbeck     | BBHA 9120 D             | 01690               | 2021/12/13 | 2022/12/12   |
| Horn Antenna (1-18 GHz)                      | Schwarzbeck     | BBHA 9120 D             | 01686               | 2021/12/13 | 2022/12/12   |
| Horn Antenna (18-40 GHz)                     | Schwarzbeck     | BBHA 9170               | 781                 | 2021/12/17 | 2022/12/16   |
| Horn Antenna (18-40 GHz)                     | Schwarzbeck     | BBHA 9170               | 759                 | 2021/12/1  | 2022/11/30   |
| Preamplifier (30-1000 MHz)                   | EMCI            | EMC330E                 | 980405              | 2021/6/8   | 2022/6/7     |
|                                              |                 |                         |                     | 2022/6/7   | 2023/6/6     |
| Preamplifier (1-18 GHz)                      | EMCI            | EMC051835BE             | 980406              | 2022/2/16  | 2023/2/15    |
| Preamplifier (18-40GHz)                      | EMCI            | EMC184040SEE            | 980426              | 2021/5/19  | 2022/5/18    |
|                                              |                 |                         |                     | 2022/5/17  | 2023/5/16    |
| Signal Generator                             | Keysight        | N5173B                  | MY53271122          | 2022/1/18  | 2023/1/17    |
| Cables                                       | Hanyitek        | K1K50-UP0264-K1K50-2500 | 170214-4 & 170425-2 | 2021/12/3  | 2022/12/2    |
| Cables                                       | Hanyitek        | K1K50-UP0264-K1K50-2500 | 170214-1 & 170214-2 | 2021/12/3  | 2022/12/2    |
| Radio Communication Analyzer                 | Rohde & Schwarz | CMW500                  | 161064              | 2021/11/21 | 2022/11/20   |

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| Test Equipment List                 |                 |                  |             |            |              |
|-------------------------------------|-----------------|------------------|-------------|------------|--------------|
| Equipment                           | Manufacturer    | Model No.        | Serial No.  | Cal. Date  | Expired date |
| Antenna Port Conducted Measurement  |                 |                  |             |            |              |
| Spectrum Analyzer                   | Keysight        | N9010A           | MY56070834  | 2021/10/29 | 2022/10/28   |
| Pulse Power Sensor                  | Anritsu         | MA2411B          | 1531202     | 2021/12/22 | 2022/12/21   |
| Power Meter                         | Anritsu         | ML2495A          | 1645002     | 2021/12/22 | 2022/12/21   |
| Temperature & Humidity Test Chamber | GIANT FORCE     | GTH-150-40-CP-AR | MAA1701-010 | 2022/3/11  | 2023/3/10    |
| Radio Communication Analyzer        | Rohde & Schwarz | CMW500           | 161064      | 2021/11/21 | 2022/11/20   |

| UL Software           |                         |                |
|-----------------------|-------------------------|----------------|
| Description           | Name                    | Version        |
| Radiated measurement  | e3                      | 6.191211 (V6)  |
| Conducted measurement | RF Conducted Test Tools | ver 2.4.0.620b |

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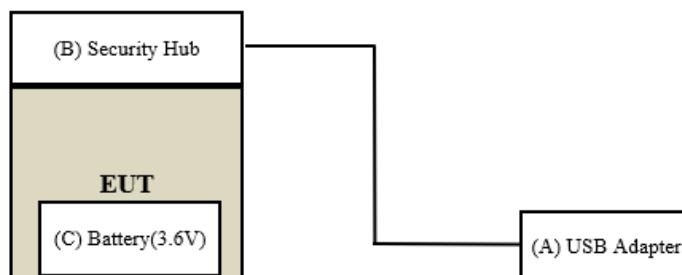


## 8. Description of Test Setup

### Support Equipment

| ID | Equipment    | Brand Name | Model Name | S/N           | Remark             |
|----|--------------|------------|------------|---------------|--------------------|
| A  | USB Adapter  | Arlo       | AD2158     | NA            | Provided by Client |
| B  | Security Hub | Arlo       | SH1001     | AB5U217LA00D0 | Provided by Client |
| C  | Battery      | Arlo       | A-15       | ABK117AD000D6 | Provided by Client |

### Setup Diagram for Test



-----  
**Under Table**

-----  
**Remote Site**

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## 9. Test Results

### 9.1. RF Output Power

#### Requirements

Mobile / Portable station are limited to 7 watts e.r.p.

#### Test procedure

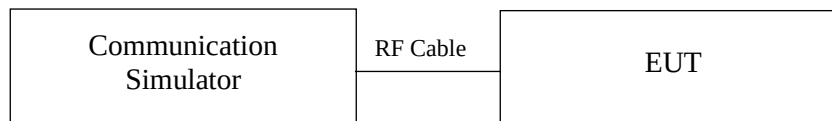
##### **Conducted Power Measurement:**

The EUT was set up for the maximum power with WCDMA / LTE link data modulation and link up with simulator. Set the EUT to transmit under low, middle and high channel and difference RB size/ RB offset for difference bandwidth record the power level shown on power meter.

##### **EIRP / ERP Measurement:**

- a.  $EIRP = \text{Conducted Output power level} + \text{Antenna gain}$ .
- b. ERP power can be calculated form EIRP power by subtracting the gain of dipole,  $ERP \text{ power} = EIPR \text{ power} - 2.15dBi$ .
- c.  $ERP = \text{Conducted Output power level} + \text{Antenna gain (dBi)} - \text{Isotropically Factor (2.15dB)}$ .

#### Test Setup



The loss between RF output port of the EUT and the input port of the tester has been taken into consideration.

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## Test Results

### Band 5

| Bandwidth<br>(MHz) | Channel | Frequency<br>(MHz) | Index | RB  | Conducted Power<br>(dBm) |       | ERP   |       |
|--------------------|---------|--------------------|-------|-----|--------------------------|-------|-------|-------|
|                    |         |                    |       |     | QPSK                     | 16QAM | QPSK  | 16QAM |
| 1.4M               | 20407   | 824.7              | 0     | 1#0 | 19.98                    | 18.13 | 21.96 | 20.11 |
|                    |         |                    | 0     | 6#0 | 17.44                    | 18.35 | 19.42 | 20.33 |
|                    | 20525   | 836.5              | 0     | 1#0 | 20.47                    | 18.63 | 22.45 | 20.61 |
|                    |         |                    | 0     | 6#0 | 17.97                    | 18.88 | 19.95 | 20.86 |
|                    | 20643   | 848.3              | 0     | 1#5 | 20.21                    | 18.8  | 22.19 | 20.78 |
|                    |         |                    | 0     | 6#0 | 18.02                    | 18.82 | 20    | 20.8  |
| 3M                 | 20415   | 825.5              | 0     | 1#0 | 19.77                    | 18.42 | 21.75 | 20.4  |
|                    |         |                    | 0     | 6#0 | 17.62                    | 18.04 | 19.6  | 20.02 |
|                    | 20525   | 836.5              | 0     | 1#0 | 20.31                    | 18.96 | 22.29 | 20.94 |
|                    |         |                    | 0     | 6#0 | 18.2                     | 18.54 | 20.18 | 20.52 |
|                    | 20635   | 847.5              | 1     | 1#5 | 20.06                    | 18.79 | 22.04 | 20.77 |
|                    |         |                    | 1     | 6#0 | 18.06                    | 18.3  | 20.04 | 20.28 |
| 5M                 | 20425   | 826.5              | 0     | 1#0 | 19.84                    | 19.4  | 21.82 | 21.38 |
|                    |         |                    | 0     | 6#0 | 18.86                    | 19.01 | 20.84 | 20.99 |
|                    | 20525   | 836.5              | 0     | 1#0 | 20.14                    | 19.81 | 22.12 | 21.79 |
|                    |         |                    | 0     | 6#0 | 19.18                    | 19.34 | 21.16 | 21.32 |
|                    | 20625   | 846.5              | 3     | 1#5 | 20.11                    | 19.57 | 22.09 | 21.55 |
|                    |         |                    | 3     | 6#0 | 19.19                    | 19.32 | 21.17 | 21.3  |
| 10M                | 20450   | 829                | 0     | 1#0 | 19.52                    | 20.2  | 21.5  | 22.18 |
|                    |         |                    | 0     | 4#0 | 19.8                     | 19.55 | 21.78 | 21.53 |
|                    | 20525   | 836.5              | 0     | 1#0 | 20.03                    | 19.58 | 22.01 | 21.56 |
|                    |         |                    | 0     | 4#0 | 20.02                    | 20.45 | 22    | 22.43 |
|                    | 20600   | 844                | 7     | 1#5 | 19.87                    | 20.18 | 21.85 | 22.16 |
|                    |         |                    | 7     | 4#2 | 20.26                    | 19.77 | 22.24 | 21.75 |

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## 9.2. Radiated Spurious Emission

### Requirements

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB. The emission limit is equal to -13 dBm.

### Test procedure

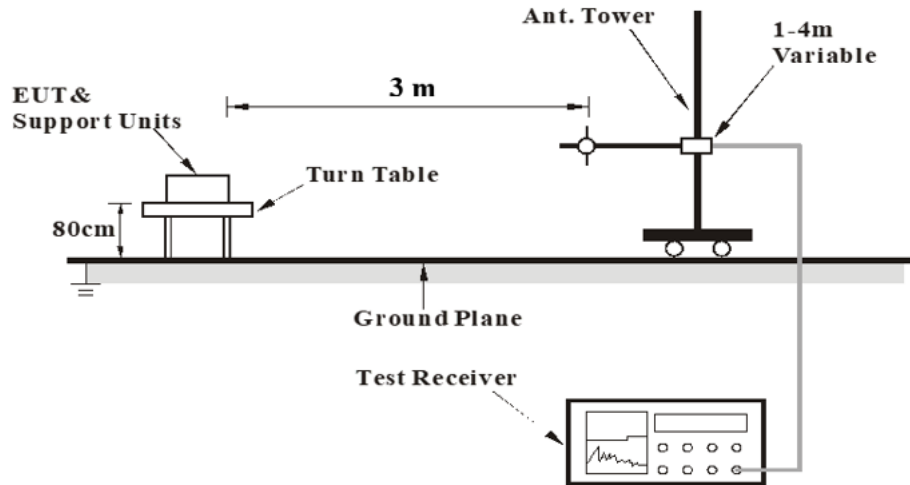
- a. The power was measured with Spectrum Analyzer.
- b. Substitution method is used for EIRP measurement. In the semi-anechoic chamber, EUT placed on the 0.8m/1.5m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- c. Follow ANSI 63.26 section 5.2.7 d),  $EIRP \text{ Value (dBm)} = \text{Read Value (dB}\mu\text{V/m)} - \text{Correction Factor @ 3m}$
- d.  $\text{Correction Factor (dB) @ 3M} = 20\log(D) - 104.8$ ; where D is the measurement distance @3m = -95.26dB
- e. ERP power can be calculated from EIRP power by subtracting the gain of dipole,  $ERP \text{ power} = EIRP \text{ power} - 2.15\text{dBi}$ .

Note: The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz.

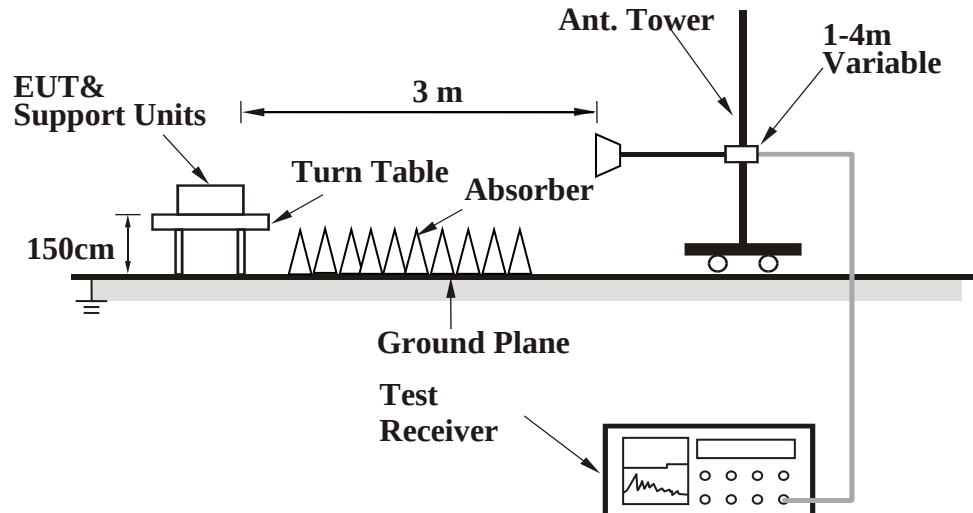


## Test Setup

<Frequency Range 30 MHz ~ 1 GHz >



<Frequency Range above 1 GHz>



For the actual test configuration, please refer to the Setup Configurations

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## Test Results

### LTE Band 5

- Sweep the whole frequency band through the range from 30MHz to the 10<sup>th</sup> harmonic of the carrier.
- The emission levels of other frequencies are very lower than the limit and not show in test report (inclusion 10 times harmonic).

| EUT Test Condition |              | Measurement Detail |             |
|--------------------|--------------|--------------------|-------------|
| Channel Bandwidth  | 1.4MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 824.7        |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1649.4      | 55.01                  | -95.26                 | -40.25               | -13         | -27.25      |
| 2          | 2474.1      | 52.93                  | -95.26                 | -42.33               | -13         | -29.33      |
| 3          | 3298.8      | 44.15                  | -95.26                 | -51.11               | -13         | -38.11      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1649.4      | 53.24                  | -95.26                 | -42.02               | -13         | -29.02      |
| 2          | 2474.1      | 55.59                  | -95.26                 | -39.67               | -13         | -26.67      |
| 3          | 3298.8      | 40.15                  | -95.26                 | -55.11               | -13         | -42.11      |

#### Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

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| EUT Test Condition |              | Measurement Detail |             |
|--------------------|--------------|--------------------|-------------|
| Channel Bandwidth  | 1.4MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 836.5        |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 56.97                  | -95.26                 | -38.29               | -13         | -25.29      |
| 2          | 2509.5      | 53.54                  | -95.26                 | -41.72               | -13         | -28.72      |
| 3          | 3346        | 44.71                  | -95.26                 | -50.55               | -13         | -37.55      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 54.11                  | -95.26                 | -41.15               | -13         | -28.15      |
| 2          | 2509.5      | 56.16                  | -95.26                 | -39.10               | -13         | -26.10      |
| 3          | 3346        | 41.3                   | -95.26                 | -53.96               | -13         | -40.96      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |              | Measurement Detail |             |
|--------------------|--------------|--------------------|-------------|
| Channel Bandwidth  | 1.4MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 848.3        |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1696.6      | 53.41                  | -95.26                 | -41.85               | -13         | -28.85      |
| 2          | 2544.9      | 52.43                  | -95.26                 | -42.83               | -13         | -29.83      |
| 3          | 3393.2      | 42.34                  | -95.26                 | -52.92               | -13         | -39.92      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1696.6      | 51.39                  | -95.26                 | -43.87               | -13         | -30.87      |
| 2          | 2544.9      | 53.72                  | -95.26                 | -41.54               | -13         | -28.54      |
| 3          | 3393.2      | 38.43                  | -95.26                 | -56.83               | -13         | -43.83      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |              | Measurement Detail |            |
|--------------------|--------------|--------------------|------------|
| Channel Bandwidth  | 1.4MHz / 1RB | Frequency Range    | Below 1GHz |
| Frequency (MHz)    | 836.5        |                    |            |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 106.63      | 28.44                  | -95.26                 | -66.82               | -13         | -53.82      |
| 2          | 181.32      | 26.77                  | -95.26                 | -68.49               | -13         | -55.49      |
| 3          | 194.9       | 32.02                  | -95.26                 | -63.24               | -13         | -50.24      |
| 4          | 242.43      | 26.94                  | -95.26                 | -68.32               | -13         | -55.32      |
| 5          | 288.02      | 33.42                  | -95.26                 | -61.84               | -13         | -48.84      |
| 6          | 431.58      | 27.9                   | -95.26                 | -67.36               | -13         | -54.36      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 107.6       | 30.7                   | -95.26                 | -64.56               | -13         | -51.56      |
| 2          | 159.98      | 25.19                  | -95.26                 | -70.07               | -13         | -57.07      |
| 3          | 191.99      | 24.07                  | -95.26                 | -71.19               | -13         | -58.19      |
| 4          | 252.13      | 25.12                  | -95.26                 | -70.14               | -13         | -57.14      |
| 5          | 288.02      | 31.44                  | -95.26                 | -63.82               | -13         | -50.82      |
| 6          | 431.58      | 28.99                  | -95.26                 | -66.27               | -13         | -53.27      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

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| EUT Test Condition |            | Measurement Detail |             |
|--------------------|------------|--------------------|-------------|
| Channel Bandwidth  | 5MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 826.5      |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1653        | 59.33                  | -95.26                 | -35.93               | -13         | -22.93      |
| 2          | 2479.5      | 56.16                  | -95.26                 | -39.10               | -13         | -26.10      |
| 3          | 3306        | 43.34                  | -95.26                 | -51.92               | -13         | -38.92      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1653        | 53.16                  | -95.26                 | -42.10               | -13         | -29.10      |
| 2          | 2479.5      | 47.47                  | -95.26                 | -47.79               | -13         | -34.79      |
| 3          | 3306        | 41.7                   | -95.26                 | -53.56               | -13         | -40.56      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |            | Measurement Detail |             |
|--------------------|------------|--------------------|-------------|
| Channel Bandwidth  | 5MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 836.5      |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 59.94                  | -95.26                 | -35.32               | -13         | -22.32      |
| 2          | 2509.5      | 57.29                  | -95.26                 | -37.97               | -13         | -24.97      |
| 3          | 3346        | 44.51                  | -95.26                 | -50.75               | -13         | -37.75      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 55.02                  | -95.26                 | -40.24               | -13         | -27.24      |
| 2          | 2509.5      | 49.03                  | -95.26                 | -46.23               | -13         | -33.23      |
| 3          | 3346        | 43.53                  | -95.26                 | -51.73               | -13         | -38.73      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |            | Measurement Detail |             |
|--------------------|------------|--------------------|-------------|
| Channel Bandwidth  | 5MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 846.5      |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1693        | 57.84                  | -95.26                 | -37.42               | -13         | -24.42      |
| 2          | 2539.5      | 54.85                  | -95.26                 | -40.41               | -13         | -27.41      |
| 3          | 3386        | 42.25                  | -95.26                 | -53.01               | -13         | -40.01      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1693        | 52.03                  | -95.26                 | -43.23               | -13         | -30.23      |
| 2          | 2539.5      | 46.55                  | -95.26                 | -48.71               | -13         | -35.71      |
| 3          | 3386        | 40.14                  | -95.26                 | -55.12               | -13         | -42.12      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |            | Measurement Detail |            |
|--------------------|------------|--------------------|------------|
| Channel Bandwidth  | 5MHz / 1RB | Frequency Range    | Below 1GHz |
| Frequency (MHz)    | 836.5      |                    |            |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 106.63      | 29.23                  | -95.26                 | -66.03               | -13         | -53.03      |
| 2          | 159.98      | 25.05                  | -95.26                 | -70.21               | -13         | -57.21      |
| 3          | 191.99      | 30.87                  | -95.26                 | -64.39               | -13         | -51.39      |
| 4          | 244.37      | 27.03                  | -95.26                 | -68.23               | -13         | -55.23      |
| 5          | 288.02      | 32.74                  | -95.26                 | -62.52               | -13         | -49.52      |
| 6          | 399.57      | 26.8                   | -95.26                 | -68.46               | -13         | -55.46      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 107.6       | 31.28                  | -95.26                 | -63.98               | -13         | -50.98      |
| 2          | 159.98      | 27.05                  | -95.26                 | -68.21               | -13         | -55.21      |
| 3          | 252.13      | 24.38                  | -95.26                 | -70.88               | -13         | -57.88      |
| 4          | 288.02      | 31.2                   | -95.26                 | -64.06               | -13         | -51.06      |
| 5          | 431.58      | 29.8                   | -95.26                 | -65.46               | -13         | -52.46      |
| 6          | 505.3       | 28.33                  | -95.26                 | -66.93               | -13         | -53.93      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |             |
|--------------------|-------------|--------------------|-------------|
| Channel Bandwidth  | 10MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 829         |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1658        | 57.12                  | -95.26                 | -38.14               | -13         | -25.14      |
| 2          | 2487        | 55.83                  | -95.26                 | -39.43               | -13         | -26.43      |
| 3          | 3316        | 43.45                  | -95.26                 | -51.81               | -13         | -38.81      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1658        | 54.73                  | -95.26                 | -40.53               | -13         | -27.53      |
| 2          | 2487        | 46.6                   | -95.26                 | -48.66               | -13         | -35.66      |
| 3          | 3316        | 40.03                  | -95.26                 | -55.23               | -13         | -42.23      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |             |
|--------------------|-------------|--------------------|-------------|
| Channel Bandwidth  | 10MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 836.5       |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 58.56                  | -95.26                 | -36.70               | -13         | -23.70      |
| 2          | 2509.5      | 57.14                  | -95.26                 | -38.12               | -13         | -25.12      |
| 3          | 3346        | 45.38                  | -95.26                 | -49.88               | -13         | -36.88      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 56.05                  | -95.26                 | -39.21               | -13         | -26.21      |
| 2          | 2509.5      | 47.96                  | -95.26                 | -47.30               | -13         | -34.30      |
| 3          | 3346        | 42.01                  | -95.26                 | -53.25               | -13         | -40.25      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |             |
|--------------------|-------------|--------------------|-------------|
| Channel Bandwidth  | 10MHz / 1RB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 844         |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1688        | 56.26                  | -95.26                 | -39.00               | -13         | -26.00      |
| 2          | 2532        | 54.05                  | -95.26                 | -41.21               | -13         | -28.21      |
| 3          | 3376        | 41.7                   | -95.26                 | -53.56               | -13         | -40.56      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1688        | 54.06                  | -95.26                 | -41.20               | -13         | -28.20      |
| 2          | 2532        | 44.66                  | -95.26                 | -50.60               | -13         | -37.60      |
| 3          | 3376        | 39.35                  | -95.26                 | -55.91               | -13         | -42.91      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |            |
|--------------------|-------------|--------------------|------------|
| Channel Bandwidth  | 10MHz / 1RB | Frequency Range    | Below 1GHz |
| Frequency (MHz)    | 836.5       |                    |            |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 107.6       | 28.25                  | -95.26                 | -67.01               | -13         | -54.01      |
| 2          | 180.35      | 26.56                  | -95.26                 | -68.70               | -13         | -55.70      |
| 3          | 195.87      | 30.82                  | -95.26                 | -64.44               | -13         | -51.44      |
| 4          | 243.4       | 26.44                  | -95.26                 | -68.82               | -13         | -55.82      |
| 5          | 288.02      | 33.21                  | -95.26                 | -62.05               | -13         | -49.05      |
| 6          | 431.58      | 27.27                  | -95.26                 | -67.99               | -13         | -54.99      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 107.6       | 30.85                  | -95.26                 | -64.41               | -13         | -51.41      |
| 2          | 159.98      | 25.37                  | -95.26                 | -69.89               | -13         | -56.89      |
| 3          | 251.16      | 24.97                  | -95.26                 | -70.29               | -13         | -57.29      |
| 4          | 288.02      | 31.77                  | -95.26                 | -63.49               | -13         | -50.49      |
| 5          | 431.58      | 29.66                  | -95.26                 | -65.60               | -13         | -52.60      |
| 6          | 491.72      | 29.15                  | -95.26                 | -66.11               | -13         | -53.11      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |             |
|--------------------|-------------|--------------------|-------------|
| Channel Bandwidth  | 10MHz / FRB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 829         |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1658        | 56.22                  | -95.26                 | -39.04               | -13         | -26.04      |
| 2          | 2487        | 54.09                  | -95.26                 | -41.17               | -13         | -28.17      |
| 3          | 3316        | 42.91                  | -95.26                 | -52.35               | -13         | -39.35      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1658        | 53.53                  | -95.26                 | -41.73               | -13         | -28.73      |
| 2          | 2487        | 45.79                  | -95.26                 | -49.47               | -13         | -36.47      |
| 3          | 3316        | 39.5                   | -95.26                 | -55.76               | -13         | -42.76      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |             |
|--------------------|-------------|--------------------|-------------|
| Channel Bandwidth  | 10MHz / FRB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 836.5       |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 57.39                  | -95.26                 | -37.87               | -13         | -24.87      |
| 2          | 2509.5      | 55.2                   | -95.26                 | -40.06               | -13         | -27.06      |
| 3          | 3346        | 44.07                  | -95.26                 | -51.19               | -13         | -38.19      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1673        | 55.42                  | -95.26                 | -39.84               | -13         | -26.84      |
| 2          | 2509.5      | 47.32                  | -95.26                 | -47.94               | -13         | -34.94      |
| 3          | 3346        | 41.38                  | -95.26                 | -53.88               | -13         | -40.88      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |             |
|--------------------|-------------|--------------------|-------------|
| Channel Bandwidth  | 10MHz / FRB | Frequency Range    | Above 1 GHz |
| Frequency (MHz)    | 844         |                    |             |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1688        | 54.64                  | -95.26                 | -40.62               | -13         | -27.62      |
| 2          | 2532        | 53.53                  | -95.26                 | -41.73               | -13         | -28.73      |
| 3          | 3376        | 39.89                  | -95.26                 | -55.37               | -13         | -42.37      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 1688        | 52.79                  | -95.26                 | -42.47               | -13         | -29.47      |
| 2          | 2532        | 44.1                   | -95.26                 | -51.16               | -13         | -38.16      |
| 3          | 3376        | 37.62                  | -95.26                 | -57.64               | -13         | -44.64      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) =  $20\log(D) - 104.8$ ; where D is the measurement distance @3m

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| EUT Test Condition |             | Measurement Detail |            |
|--------------------|-------------|--------------------|------------|
| Channel Bandwidth  | 10MHz / FRB | Frequency Range    | Below 1GHz |
| Frequency (MHz)    | 836.5       |                    |            |

| Horizontal |             |                        |                        |                      |             |             |
|------------|-------------|------------------------|------------------------|----------------------|-------------|-------------|
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 106.3       | 26.27                  | -95.26                 | -68.99               | -13         | -55.99      |
| 2          | 178.66      | 25.99                  | -95.26                 | -69.27               | -13         | -56.27      |
| 3          | 194.89      | 28.92                  | -95.26                 | -66.34               | -13         | -53.34      |
| 4          | 242.39      | 24.96                  | -95.26                 | -70.30               | -13         | -57.30      |
| 5          | 286.44      | 31.5                   | -95.26                 | -63.76               | -13         | -50.76      |
| 6          | 430.08      | 25.51                  | -95.26                 | -69.75               | -13         | -56.75      |
| Vertical   |             |                        |                        |                      |             |             |
| No.        | Freq. (MHz) | Reading (dB $\mu$ V/m) | Correction Factor (dB) | Emission Value (dBm) | Limit (dBm) | Margin (dB) |
| 1          | 105.99      | 30.15                  | -95.26                 | -65.11               | -13         | -52.11      |
| 2          | 158.38      | 23.86                  | -95.26                 | -71.40               | -13         | -58.40      |
| 3          | 250.04      | 23.36                  | -95.26                 | -71.90               | -13         | -58.90      |
| 4          | 287.13      | 30.23                  | -95.26                 | -65.03               | -13         | -52.03      |
| 5          | 430.22      | 28.32                  | -95.26                 | -66.94               | -13         | -53.94      |
| 6          | 490.24      | 27.3                   | -95.26                 | -67.96               | -13         | -54.96      |

Remarks:

1. Correction Factor (dB) = Substitution Antenna Gain (dB) + Cable Loss (dB).
2. EIRP (dBm) = S.G Value (dBm) + Correction Factor (dB).
3. Follow ANSI 63.26 section 5.2.7 d), Emission Value (dBm) = E (dB $\mu$ V/m) + Correction Factor @ 3m.
4. Correction Factor (dB) = 20log(D) - 104.8; where D is the measurement distance @3m

## END OF REPORT

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