

FCC PART 15B

TEST REPORT

For

Evolve 3 Holdings Pty Ltd

PO BOX 6222, NARRAWEENA NSW 2099, AUSTRALIA

FCC ID: 2AWLG-MEB11V6

| | |
|---|---|
| Report Type: Original Report | Product Type: Maestro Ebook11 |
| Test Engineer: Walker Chen, Alex Hu, King Wang | <i>King Wang Alex Hu Walker Chen</i> |
| Report Number: RSZ210305002-00D | |
| Report Date: 2021-04-19 | |
| Reviewed By: Ivan Cao Assistant Manager | <i>Ivan Cao</i> |
| Test Laboratory: | Bay Area Compliance Laboratories Corp. (Dongguan) No.12, Pulong East 1 st Road, Tangxia Town, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn |

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

| | | |
|-------------------------------------|----------------|--|
| EUT Name: | | Maestro Ebook11 |
| EUT Model: | | Maestro-EBook11G |
| Highest Operation Frequency: | | 5825 MHz |
| Rated Input Voltage: | | DC 7.6V from battery |
| Adapter Information | Model: | JHD-AD065B-BA-PD05 |
| | Input: | 100-240Vac 50/60Hz 1.5A |
| | Output: | 5.0Vdc 3.0A 15.0W/9.0Vdc 3.0A 27.0W/12.0Vdc 3.0A 36.0W/15.0Vdc 3.0A 45.0W/20.0Vdc 3.25A 65.0W |
| Serial Number: | | RSZ210305002-RF-S1 |
| EUT Received Date: | | 2021.03.10 |
| EUT Received Status: | | Good |

Note: the device have two battery configuration, both of the battery was tested in this report. The battery information as below:

| Manufacturer | Description | Model | Serial Number |
|---|-------------|----------------|---------------------------|
| Un-known | Battery 1# | 4982229P | Z116A-SF-DD202012150001 |
| SHENZHEN UTILITY POWER SOURCE CO.,LTD | Battery 2# | UTL-4678108-2S | Z116A-SF-UTL2020112603847 |

Objective

This report is prepared on behalf of *Evolve 3 Holdings Pty Ltd* in accordance with FCC Part 15B Part 2, Part J, and Part 15, Subpart A and B of the Federal Communications Commission's rules..

The objective is to determine the compliance of EUT with: FCC Part 15B.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

Measurement Uncertainty

| Parameter | Measurement Uncertainty |
|-----------------------------------|--|
| Unwanted Emissions, radiated | 30M~200MHz: 4.58 dB for Horizontal, 4.59 dB for Vertical 200M~1GHz: 4.83 dB for Horizontal, 5.85 dB for Vertical 1G~6GHz: 4.45 dB, 6G~13GHz: 5.23 dB |
| Temperature | ±1°C |
| Humidity | ±5% |
| AC Power Lines Conducted Emission | 3.12 dB (150 kHz to 30 MHz) |

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.12, Pulong East 1st Road, Tangxia Town, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier: CN0022.

Declarations

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “▲”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk “★”.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in typical use mode.

Equipment Modifications

No modification was made to the EUT.

EUT Exercise Software

The software "Winthrax.exe" was used during test.

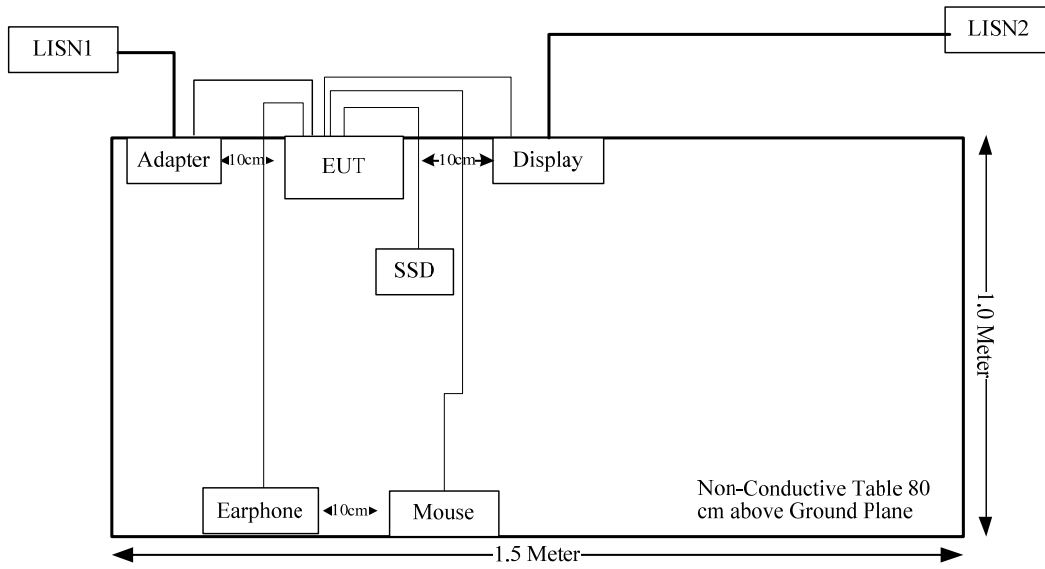
Support Equipment List and Details

| Manufacturer | Description | Model | Serial Number |
|--------------|-------------|----------|---------------|
| Starlight | Earphone | Unknown | E1 |
| RomBo | Display | LB-190-J | LB-190-J1 |
| SanDisk | TF card | 4G | 4G-1 |
| SanDisk | Hard disk | 160G | 160G-1 |
| DELL | Mouse | MO56UOA | F0Y02P7Y |

Support Cable List and Details

| Cable Description | Shielding Type | Ferrite Core | Length (m) | From Port | To |
|-------------------|----------------|--------------|------------|-----------|---------|
| HDMI | No | Yes | 1.5 | EUT | Display |
| USB Cable | No | No | 1.6 | EUT | Mouse |
| DC Cable | Yes | Yes | 1.2 | Adapter | EUT |
| Headset Cable | No | No | 1.2 | EUT | Headset |

Block Diagram of Test Setup



Test Equipment List

| Manufacturer | Description | Model | Serial Number | Calibration Date | Calibration Due Date |
|--------------------------------------|-------------------|-----------------|--------------------|------------------|----------------------|
| Conducted emissions | | | | | |
| R&S | LISN | ENV 216 | 101614 | 2020-09-12 | 2021-09-12 |
| R&S | EMI Test Receiver | ESCI | 101121 | 2020-07-07 | 2021-07-07 |
| MICRO-COAX | Coaxial Cable | C-NJNJ-50 | C-0200-01 | 2020-09-05 | 2021-09-05 |
| R&S | Test Software | EMC32 | Version 9.10.00 | N/A | N/A |
| Radiated emissions Below 1GHz | | | | | |
| Sunol Sciences | Antenna | JB3 | A060611-2 | 2020-08-25 | 2023-08-25 |
| R&S | EMI Test Receiver | ESCI | 100224 | 2020-09-12 | 2021-09-12 |
| Unknown | Coaxial Cable | C-NJNJ-50 | C-1000-01 | 2020-09-05 | 2021-09-05 |
| Unknown | Coaxial Cable | C-NJNJ-50 | C-0400-02 | 2020-09-05 | 2021-09-05 |
| Unknown | Coaxial Cable | C-NJNJ-50 | C-0530-01 | 2020-09-24 | 2021-09-24 |
| Sonoma | Amplifier | 310N | 185914 | 2020-10-13 | 2021-10-13 |
| Farad | Test Software | EZ-EMC | V1.1.4.2 | N/A | N/A |
| Radiated emissions Above 1GHz | | | | | |
| ETS-Lindgren | Horn Antenna | 3115 | 000 527 35 | 2018-10-12 | 2021-10-12 |
| Ducommun Technologies | Horn Antenna | ARH-4223-02 | 1007726-01 1304 | 2020-12-05 | 2023-12-04 |
| Ducommun Technologies | Horn Antenna | ARH-2823-02 | 1007726-01 1302 | 2020-12-05 | 2023-12-04 |
| R&S | Spectrum Analyzer | FSP 38 | 100478 | 2020-07-07 | 2021-07-07 |
| Agilent | Spectrum Analyzer | E4440A | SG43360054 | 2020-07-07 | 2021-07-07 |
| Unknown | Coaxial Cable | C-SJSJ-50 | C-0800-01 | 2020-09-05 | 2021-09-05 |
| Unknown | Coaxial Cable | C-2.4J2.4J-50 | C-0700-02 | 2020-06-27 | 2021-06-27 |
| Mini-Circuit | Amplifier | ZVA-213-S+ | 54201245 | 2020-09-05 | 2021-09-05 |
| Quinstar | Amplifier | QLW-18405536-JO | 15964001001 | 2020-06-27 | 2021-06-27 |
| Farad | Test Software | EZ-EMC | V1.1.4.2 | N/A | N/A |

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Environmental Conditions

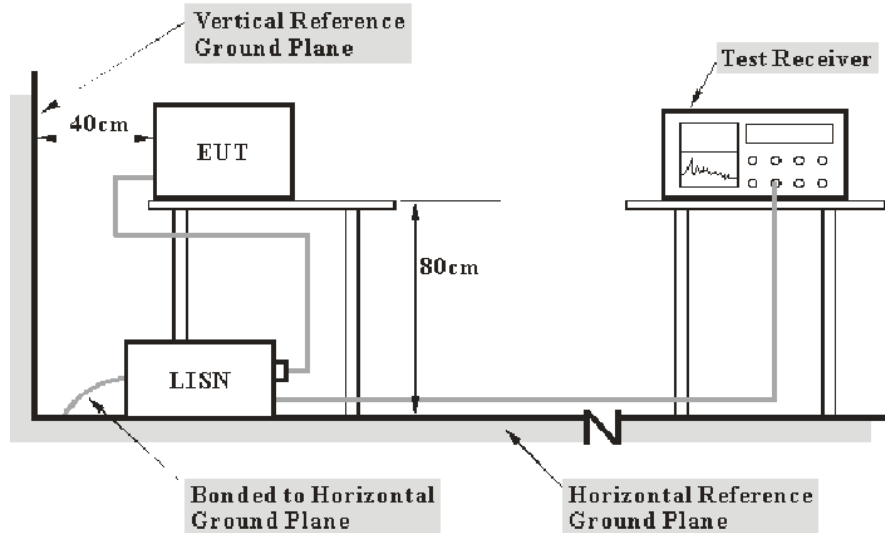
| Test Item: | Conducted emissions | Radiated emissions (Below 1GHz) | Radiated emissions (Above 1GHz) |
|---------------------------|----------------------------|--|--|
| Temperature: | 21.3°C | 25.4°C | 22.7~25.2°C |
| Relative Humidity: | 41% | 47% | 40~65% |
| ATM Pressure: | 101.6kPa | 101.4kPa | 100.9~101.9kPa |
| Tester: | Walker Chen | King Wang | Alex Hu |
| Test Date: | 2021-03-24 | 2021-04-06 | 2021-04-09~2021-04-10 |

SUMMARY OF TEST RESULTS**FCC Part 15B**

| Clause | Description of Test | Test Result |
|---------------|----------------------------|--------------------|
| §15.107 | Conducted emissions | Compliance |
| §15.109 | Radiated emissions | Compliance |

FCC PART 15B §15.107 – CONDUCTED EMISSIONS

EUT Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.4-2014 measurement procedure. The specification used was with the FCC Part 15 B Class B limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The adapter was connected to the main LISN with a 120 V/60 Hz AC power source.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | IF B/W |
|------------------|--------|
| 150 kHz – 30 MHz | 9 kHz |

Test Procedure

During the conducted emission test, the adapter or EUT was connected to the first LISN.

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current-carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

Corrected Amplitude & Margin Calculation

The basic equation is as follows:

Result (QuasiPeak or Average) = Meter Reading + Corr.

Note:

Corr. = Cable loss + Factor of coupling device

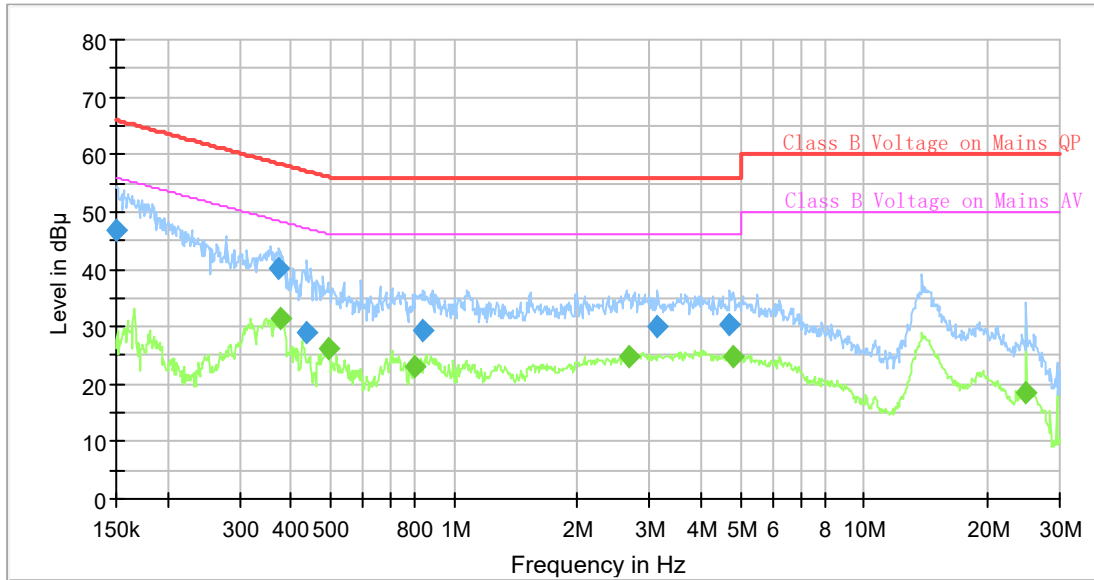
The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit – Result

Test Data

Please refer to following table and plots:

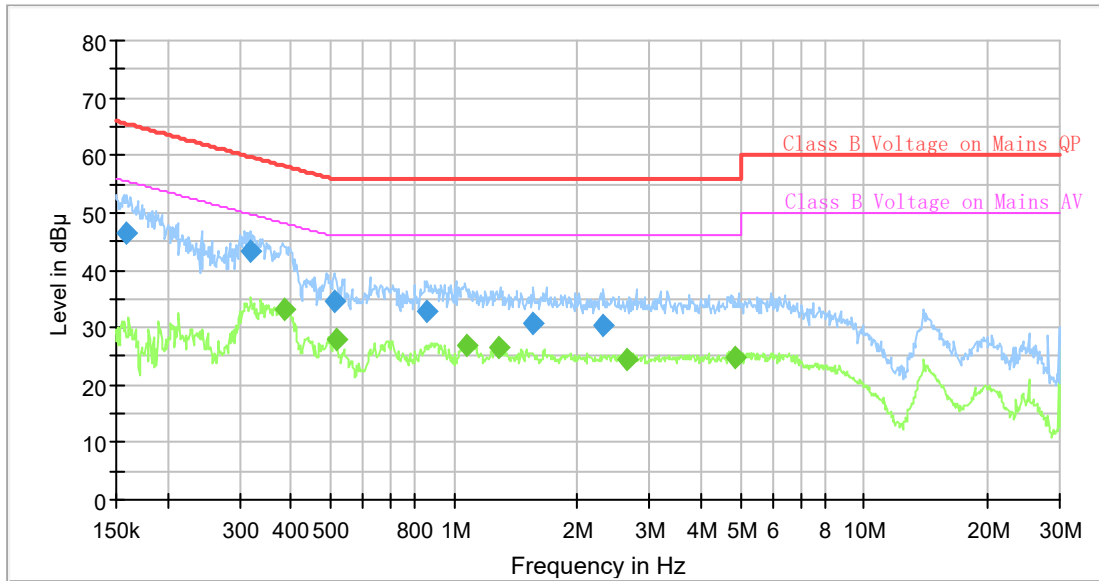
Port: L
 Test Mode: Operating(Battery 1#)
 Power Source: AC 120V/60Hz



Final Result

| Frequency (MHz) | QuasiPeak (dBμV) | Average (dBμV) | Limit (dBμV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|------|------------|
| 0.150000 | 46.80 | --- | 66.00 | 19.20 | 9.000 | L1 | 9.6 |
| 0.373663 | 40.17 | --- | 58.42 | 18.25 | 9.000 | L1 | 9.6 |
| 0.377409 | --- | 31.46 | 48.34 | 16.88 | 9.000 | L1 | 9.6 |
| 0.438323 | 29.10 | --- | 57.09 | 27.99 | 9.000 | L1 | 9.6 |
| 0.494060 | --- | 26.07 | 46.10 | 20.03 | 9.000 | L1 | 9.6 |
| 0.805479 | --- | 23.12 | 46.00 | 22.88 | 9.000 | L1 | 9.7 |
| 0.842459 | 29.22 | --- | 56.00 | 26.78 | 9.000 | L1 | 9.7 |
| 2.679631 | --- | 24.92 | 46.00 | 21.08 | 9.000 | L1 | 9.7 |
| 3.143322 | 30.01 | --- | 56.00 | 25.99 | 9.000 | L1 | 9.7 |
| 4.708038 | 30.25 | --- | 56.00 | 25.75 | 9.000 | L1 | 9.7 |
| 4.779012 | --- | 24.74 | 46.00 | 21.26 | 9.000 | L1 | 9.7 |
| 24.906033 | --- | 18.57 | 50.00 | 31.43 | 9.000 | L1 | 10.1 |

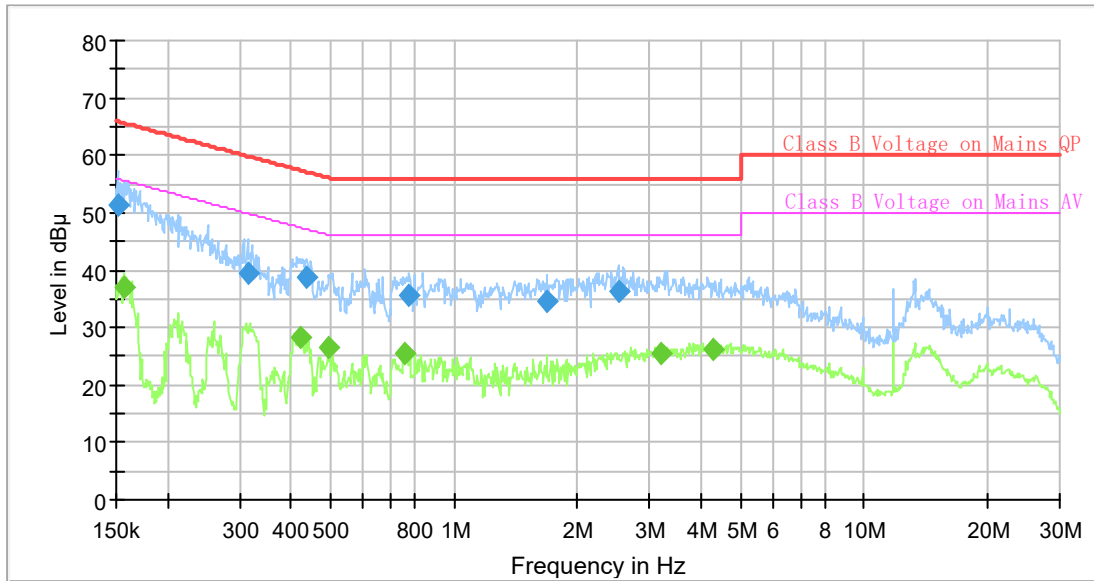
Port: N
 Test Mode: Operating(Battery 1#)
 Power Source: AC 120V/60Hz



Final Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|------|------------|
| 0.159252 | 46.51 | --- | 65.50 | 18.99 | 9.000 | N | 9.6 |
| 0.320135 | 43.16 | --- | 59.70 | 16.54 | 9.000 | N | 9.6 |
| 0.385014 | --- | 33.09 | 48.17 | 15.08 | 9.000 | N | 9.6 |
| 0.509069 | 34.53 | --- | 56.00 | 21.47 | 9.000 | N | 9.6 |
| 0.516743 | --- | 27.95 | 46.00 | 18.05 | 9.000 | N | 9.6 |
| 0.859435 | 32.77 | --- | 56.00 | 23.23 | 9.000 | N | 9.6 |
| 1.070335 | --- | 26.77 | 46.00 | 19.23 | 9.000 | N | 9.6 |
| 1.280849 | --- | 26.42 | 46.00 | 19.58 | 9.000 | N | 9.6 |
| 1.563653 | 30.59 | --- | 56.00 | 25.41 | 9.000 | N | 9.6 |
| 2.318778 | 30.33 | --- | 56.00 | 25.67 | 9.000 | N | 9.6 |
| 2.653034 | --- | 24.60 | 46.00 | 21.40 | 9.000 | N | 9.6 |
| 4.826922 | --- | 24.97 | 46.00 | 21.03 | 9.000 | N | 9.6 |

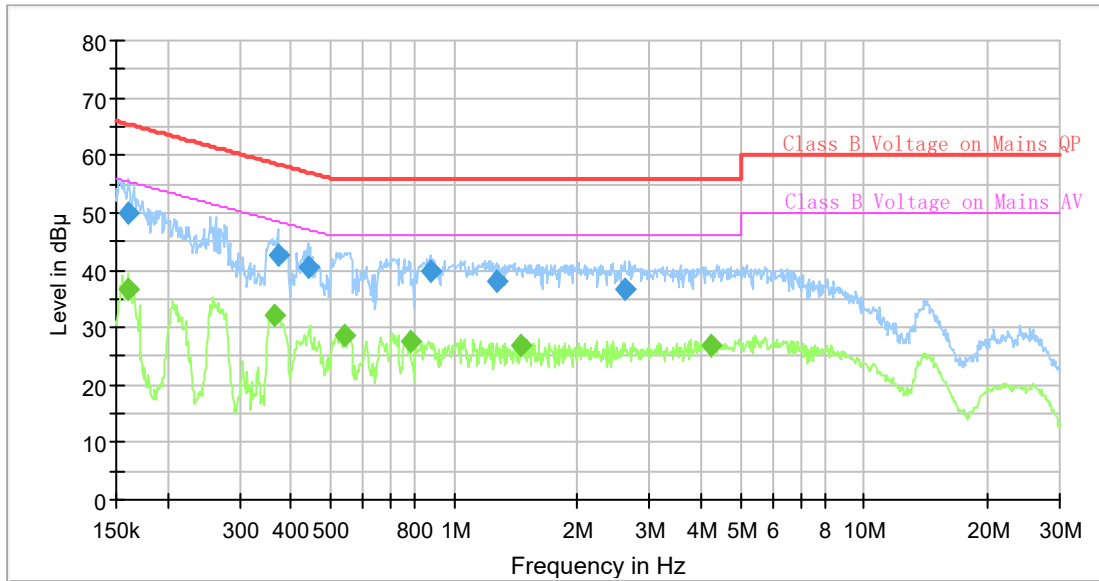
Port: L
 Test Mode: Operating(Battery 2#)
 Power Source: AC 120V/60Hz



Final Result

| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|------|------------|
| 0.151504 | 51.29 | --- | 65.92 | 14.63 | 9.000 | L1 | 9.6 |
| 0.156106 | --- | 37.10 | 55.67 | 18.57 | 9.000 | L1 | 9.6 |
| 0.313811 | 39.37 | --- | 59.87 | 20.50 | 9.000 | L1 | 9.6 |
| 0.421178 | --- | 28.33 | 47.42 | 19.09 | 9.000 | L1 | 9.6 |
| 0.438323 | 38.90 | --- | 57.09 | 18.19 | 9.000 | L1 | 9.6 |
| 0.494060 | --- | 26.50 | 46.10 | 19.60 | 9.000 | L1 | 9.6 |
| 0.754910 | --- | 25.55 | 46.00 | 20.45 | 9.000 | L1 | 9.7 |
| 0.777842 | 35.64 | --- | 56.00 | 20.36 | 9.000 | L1 | 9.7 |
| 1.685121 | 34.67 | --- | 56.00 | 21.33 | 9.000 | L1 | 9.7 |
| 2.511402 | 36.32 | --- | 56.00 | 19.68 | 9.000 | L1 | 9.7 |
| 3.190708 | --- | 25.58 | 46.00 | 20.42 | 9.000 | L1 | 9.7 |
| 4.303788 | --- | 26.35 | 46.00 | 19.65 | 9.000 | L1 | 9.7 |

Port: N
 Test Mode: Operating(Battery 2#)
 Power Source: AC 120V/60Hz

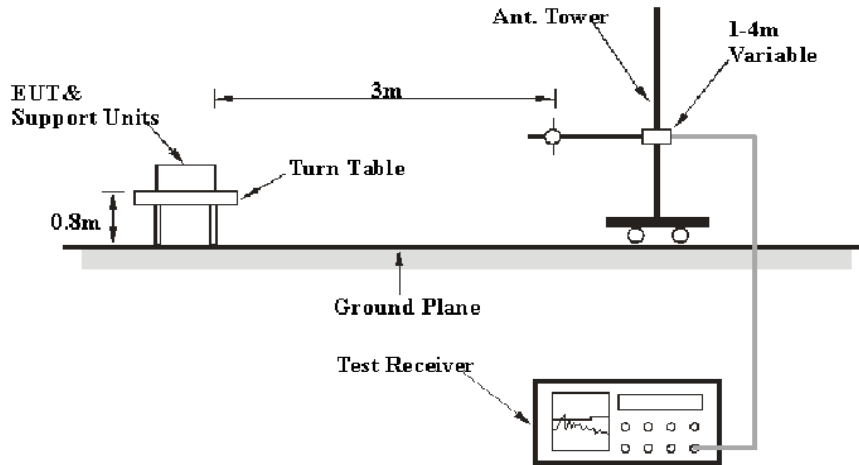


Final Result

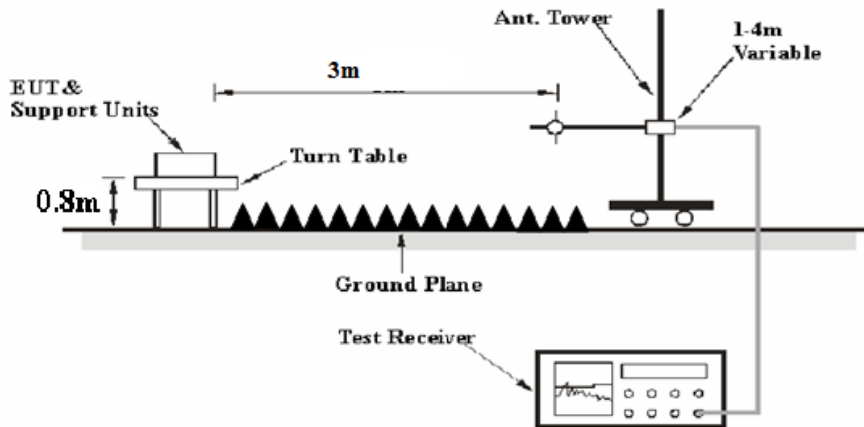
| Frequency (MHz) | QuasiPeak (dBµV) | Average (dBµV) | Limit (dBµV) | Margin (dB) | Bandwidth (kHz) | Line | Corr. (dB) |
|-----------------|------------------|----------------|--------------|-------------|-----------------|------|------------|
| 0.160048 | --- | 36.61 | 55.46 | 18.85 | 9.000 | N | 9.6 |
| 0.160848 | 49.98 | --- | 65.42 | 15.44 | 9.000 | N | 9.6 |
| 0.366283 | --- | 32.03 | 48.58 | 16.55 | 9.000 | N | 9.6 |
| 0.371804 | 42.68 | --- | 58.46 | 15.78 | 9.000 | N | 9.6 |
| 0.440515 | 40.60 | --- | 57.05 | 16.45 | 9.000 | N | 9.6 |
| 0.540467 | --- | 28.57 | 46.00 | 17.43 | 9.000 | N | 9.6 |
| 0.781732 | --- | 27.68 | 46.00 | 18.32 | 9.000 | N | 9.6 |
| 0.872391 | 39.78 | --- | 56.00 | 16.22 | 9.000 | N | 9.6 |
| 1.268136 | 38.00 | --- | 56.00 | 18.00 | 9.000 | N | 9.6 |
| 1.458194 | --- | 26.92 | 46.00 | 19.08 | 9.000 | N | 9.6 |
| 2.600630 | 36.58 | --- | 56.00 | 19.42 | 9.000 | N | 9.6 |
| 4.218777 | --- | 26.93 | 46.00 | 19.07 | 9.000 | N | 9.6 |

FCC PART 15B §15.109 – RADIATED EMISSIONS

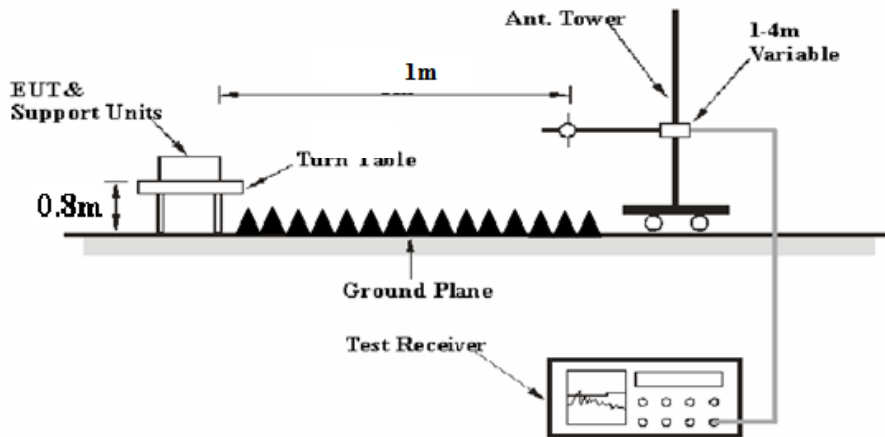
EUT Setup Below 1GHz:



Above 1-26.5 GHz:



26.5-30 GHz:



The radiated emission below 1GHz tests were performed in the 10 meters chamber test site, above 1GHz tests were performed in the 3 meters chamber test site A, using the setup accordance with the ANSI C63.4-2014. The specification used was with the FCC Part 15 B Class B limits.

EMI Test Receiver Setup

The system was investigated from 30 MHz to 30 GHz.

During the radiated emission test, the EMI test receiver was set with the following configurations:

| Frequency Range | RBW | Video B/W | IF B/W | Measurement |
|-------------------|---------|-------------------------|---------|-------------|
| 30 MHz – 1000 MHz | 120 kHz | 300 kHz | 120 kHz | QP |
| Above 1 GHz | 1 MHz | 3 MHz | / | Peak |
| | 1 MHz | Reduced video bandwidth | / | AVG |

Test Procedure

During the radiated emissions, the adapter was connected to the first AC floor outlet and the other support equipments were connected to the second AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

The data was recorded in the Quasi-peak detection mode for below 1 GHz, peak and average detection mode above 1 GHz.

According to C63.4, the above 1G test result shall be extrapolated to the specified distance using an extrapolation Factor of 20dB/decade from 3m to 1m

Distance extrapolation Factor = $20 \log (\text{specific distance [3m]}/\text{test distance [1m]})$ dB= 9.54 dB

All emissions under the average limit and under the noise floor have not recorded in the report.

Corrected Amplitude & Margin Calculation

For the range 30MHz-1GHz, the Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude} = \text{Meter Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

For the range 1GHz-40GHz, Test performed at 1.5m or 1m, the Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading and the Distance extrapolation Factor. The basic equation is as follows:

Corrected Amplitude

= Meter Reading + Antenna Factor + Cable Loss - Amplifier Gain-Distance extrapolation factor

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

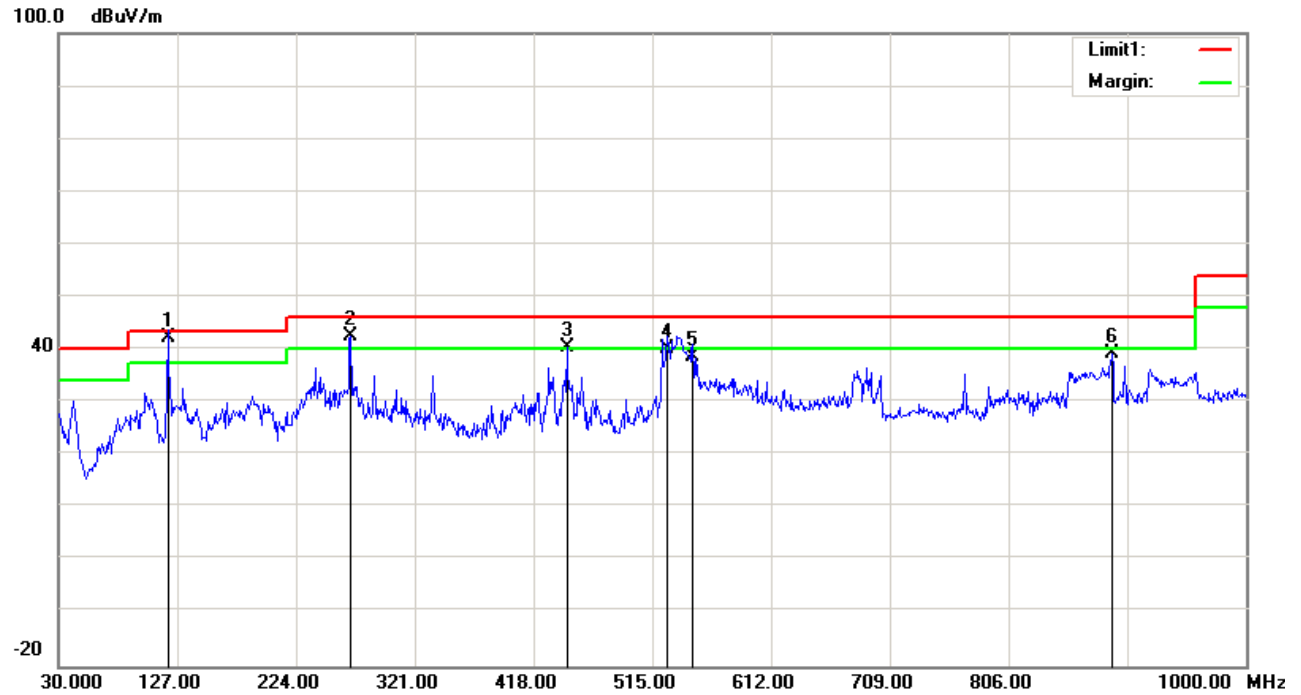
$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

Test Data

Please refer to following table and plots:

Condition: FCC Part 15B Class B
Test Mode: Operating(Battery 1#)

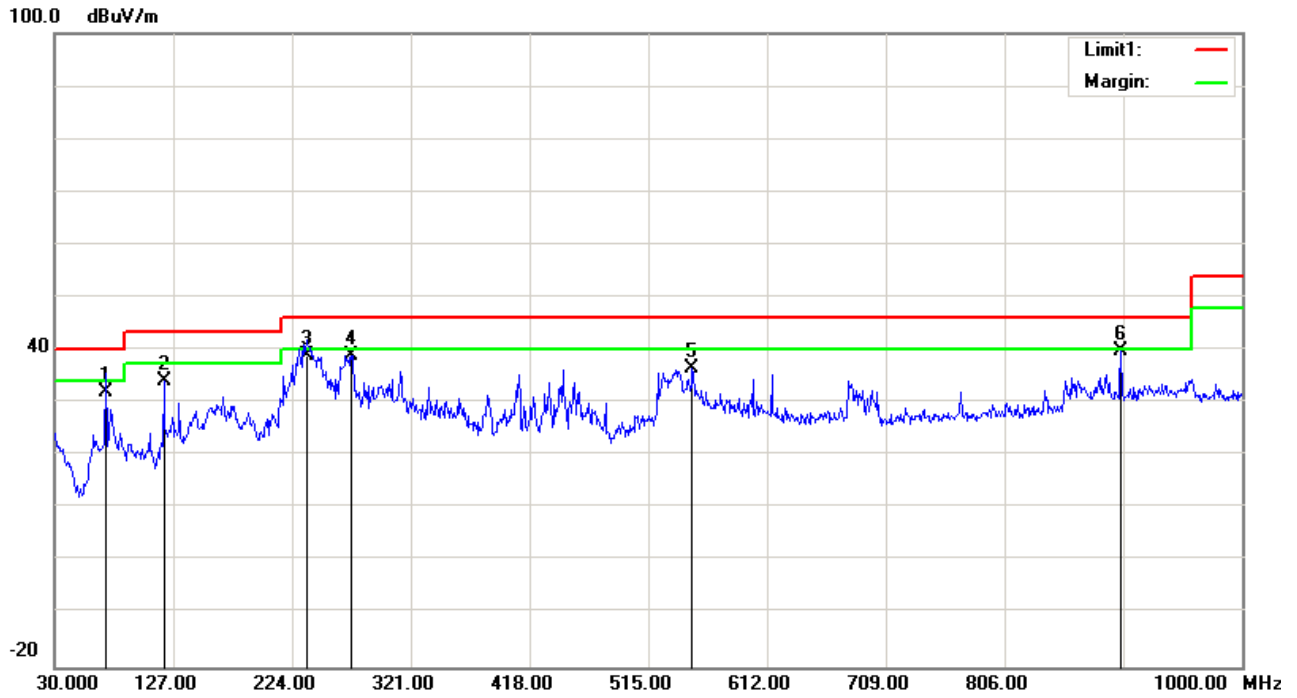
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBμV) | Detector | Corrected (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 119.2400 | 55.00 | QP | -12.70 | 42.30 | 43.50 | 1.20 |
| 2 | 268.6200 | 51.28 | QP | -8.78 | 42.50 | 46.00 | 3.50 |
| 3 | 445.1600 | 44.77 | peak | -4.38 | 40.39 | 46.00 | 5.61 |
| 4 | 526.6400 | 42.68 | QP | -2.48 | 40.20 | 46.00 | 5.80 |
| 5 | 547.9800 | 40.50 | QP | -1.90 | 38.60 | 46.00 | 7.40 |
| 6 | 890.3900 | 35.93 | peak | 3.19 | 39.12 | 46.00 | 6.88 |

Condition: FCC Part 15B Class B
Test Mode: Operating(Battery 1#)

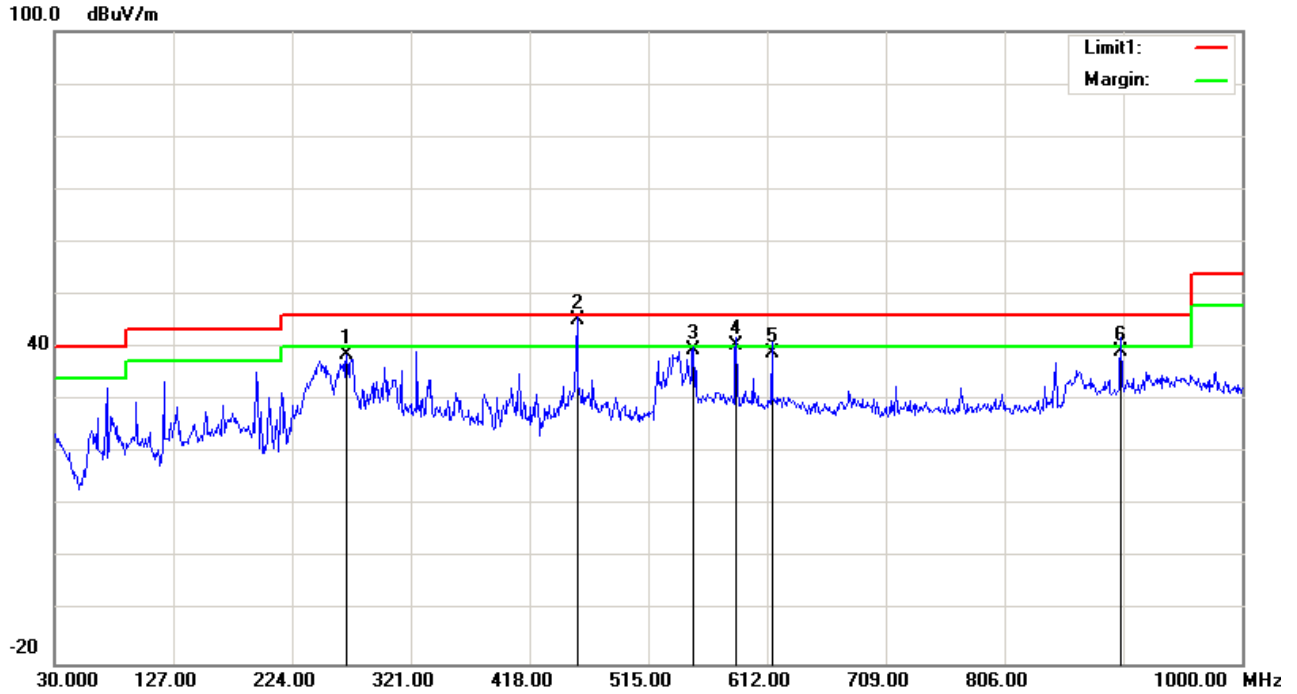
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBµV) | Detector | Corrected (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 71.7100 | 48.26 | QP | -16.26 | 32.00 | 40.00 | 8.00 |
| 2 | 119.2400 | 46.75 | peak | -12.70 | 34.05 | 43.50 | 9.45 |
| 3 | 235.6400 | 49.24 | QP | -10.14 | 39.10 | 46.00 | 6.90 |
| 4 | 272.5000 | 47.58 | peak | -8.54 | 39.04 | 46.00 | 6.96 |
| 5 | 550.8900 | 38.26 | peak | -1.79 | 36.47 | 46.00 | 9.53 |
| 6 | 901.0600 | 36.35 | peak | 3.45 | 39.80 | 46.00 | 6.20 |

Condition: FCC Part 15B Class B
Test Mode: Operating (Battery 2#)

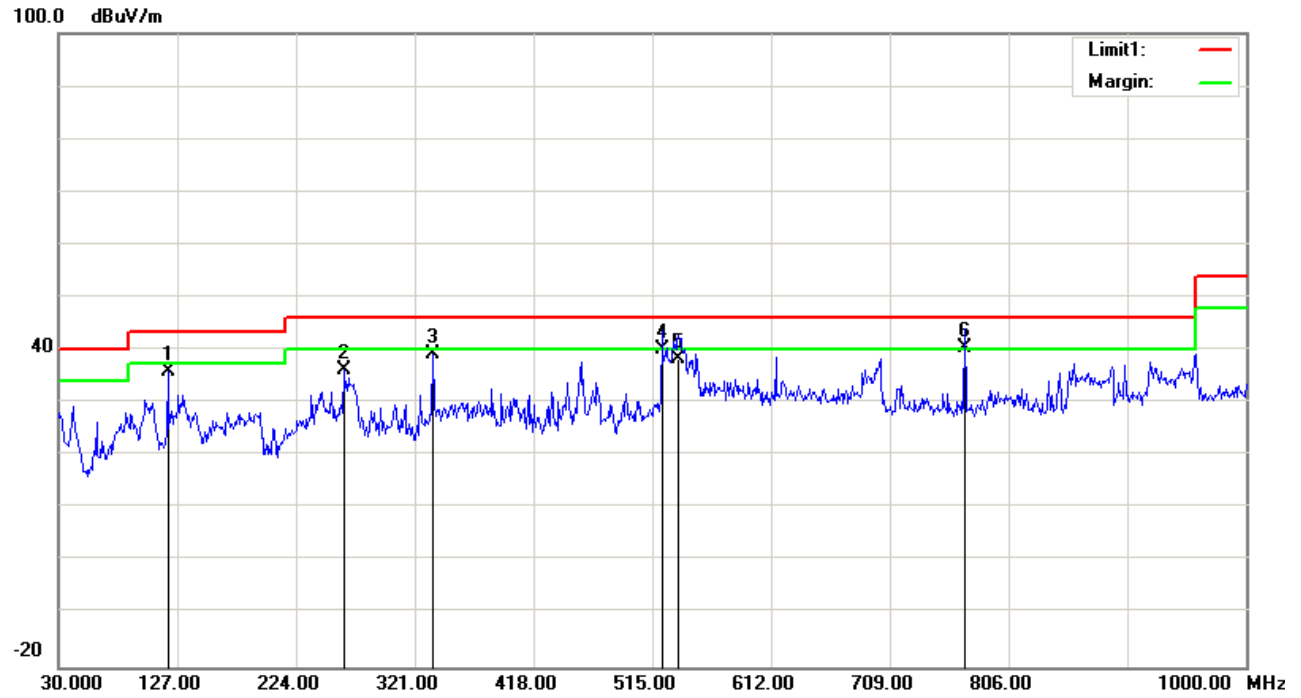
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBμV) | Detector | Corrected (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 268.6200 | 47.52 | peak | -8.78 | 38.74 | 46.00 | 7.26 |
| 2 | 456.8000 | 49.29 | QP | -4.09 | 45.20 | 46.00 | 0.80 |
| 3 | 551.8600 | 41.37 | QP | -1.77 | 39.60 | 46.00 | 6.40 |
| 4 | 586.7800 | 41.98 | QP | -1.48 | 40.50 | 46.00 | 5.50 |
| 5 | 615.8800 | 39.74 | QP | -0.84 | 38.90 | 46.00 | 7.10 |
| 6 | 901.0600 | 35.95 | QP | 3.45 | 39.40 | 46.00 | 6.60 |

Condition: FCC Part 15B Class B
Test Mode: Operating(Battery 2#)

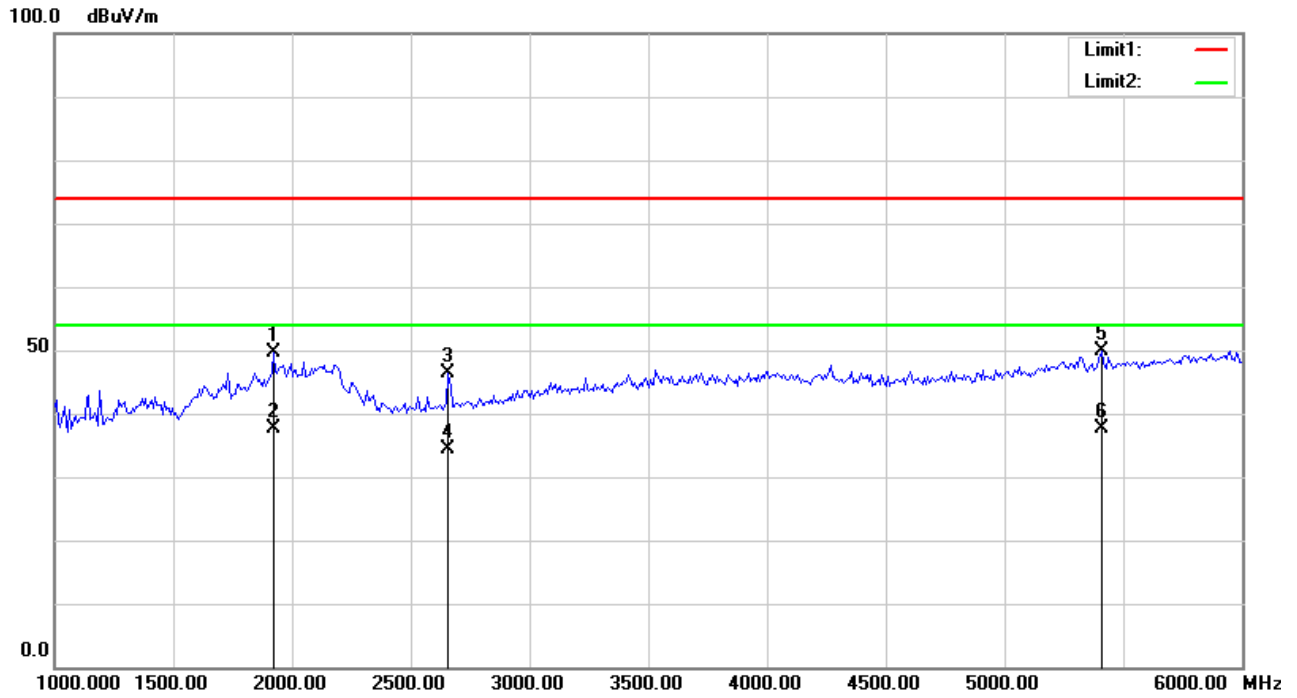
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBμV) | Detector | Corrected (dB/m) | Result (dBμV/m) | Limit (dBμV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 119.2400 | 48.54 | peak | -12.70 | 35.84 | 43.50 | 7.66 |
| 2 | 262.8000 | 45.32 | peak | -9.01 | 36.31 | 46.00 | 9.69 |
| 3 | 335.5500 | 46.04 | peak | -6.86 | 39.18 | 46.00 | 6.82 |
| 4 | 522.7600 | 42.87 | QP | -2.57 | 40.30 | 46.00 | 5.70 |
| 5 | 536.3400 | 40.71 | QP | -2.31 | 38.40 | 46.00 | 7.60 |
| 6 | 770.1100 | 39.42 | QP | 1.08 | 40.50 | 46.00 | 5.50 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

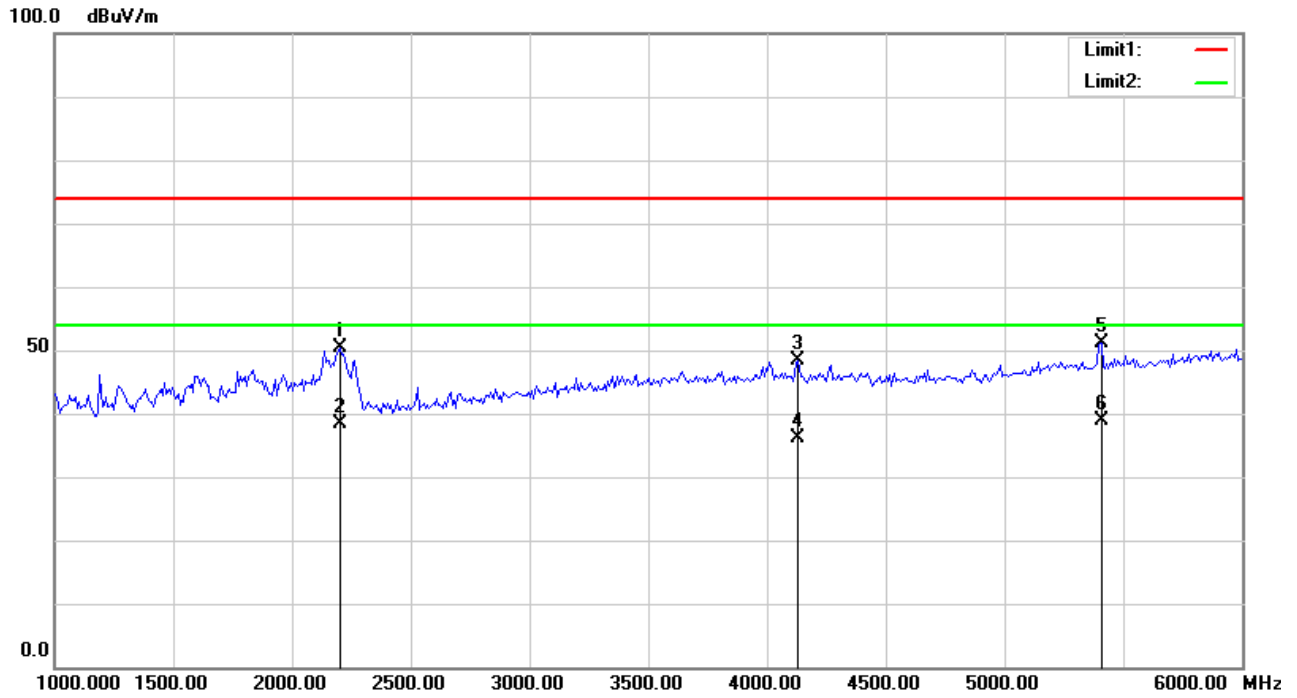
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBµV) | Detector | Corrected (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 1921.474 | 48.40 | peak | 1.18 | 49.58 | 74.00 | 24.42 |
| 2 | 1921.474 | 36.33 | AVG | 1.18 | 37.51 | 54.00 | 16.49 |
| 3 | 2658.654 | 42.71 | peak | 3.70 | 46.41 | 74.00 | 27.59 |
| 4 | 2658.654 | 30.56 | AVG | 3.70 | 34.26 | 54.00 | 19.74 |
| 5 | 5407.051 | 38.78 | peak | 11.11 | 49.89 | 74.00 | 24.11 |
| 6 | 5407.051 | 26.57 | AVG | 11.11 | 37.68 | 54.00 | 16.32 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

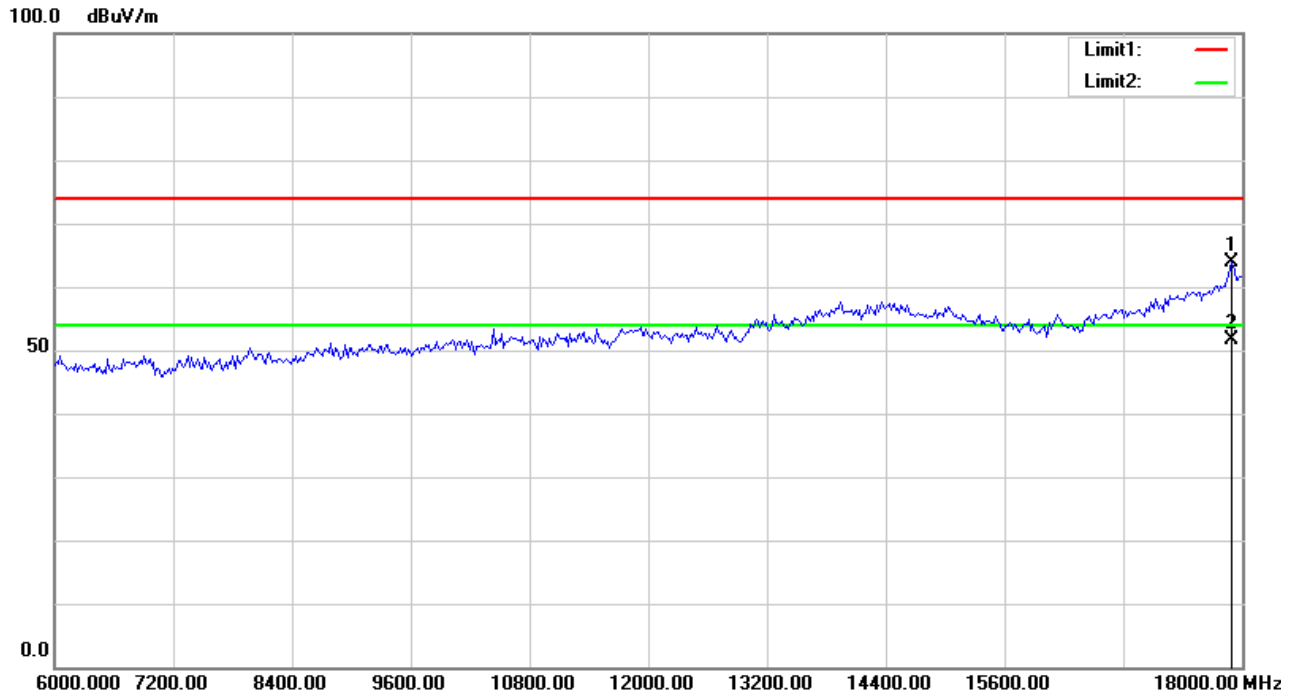
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBµV) | Detector | Corrected (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 2201.923 | 48.02 | peak | 2.26 | 50.28 | 74.00 | 23.72 |
| 2 | 2201.923 | 36.21 | AVG | 2.26 | 38.47 | 54.00 | 15.53 |
| 3 | 4133.013 | 39.91 | peak | 8.36 | 48.27 | 74.00 | 25.73 |
| 4 | 4133.013 | 27.75 | AVG | 8.36 | 36.11 | 54.00 | 17.89 |
| 5 | 5407.051 | 39.96 | peak | 11.11 | 51.07 | 74.00 | 22.93 |
| 6 | 5407.051 | 27.83 | AVG | 11.11 | 38.94 | 54.00 | 15.06 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

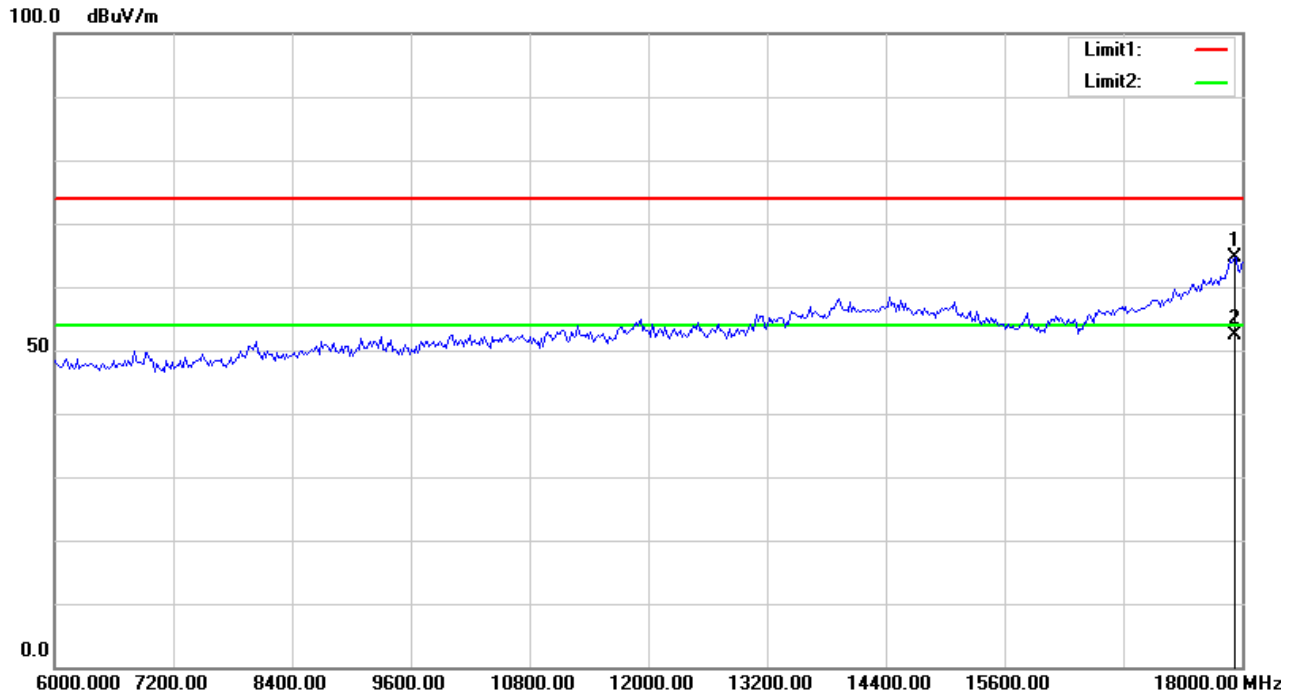
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBµV) | Detector | Corrected (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 17903.846 | 35.47 | peak | 28.31 | 63.78 | 74.00 | 10.22 |
| 2 | 17903.846 | 23.36 | AVG | 28.31 | 51.67 | 54.00 | 2.33 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

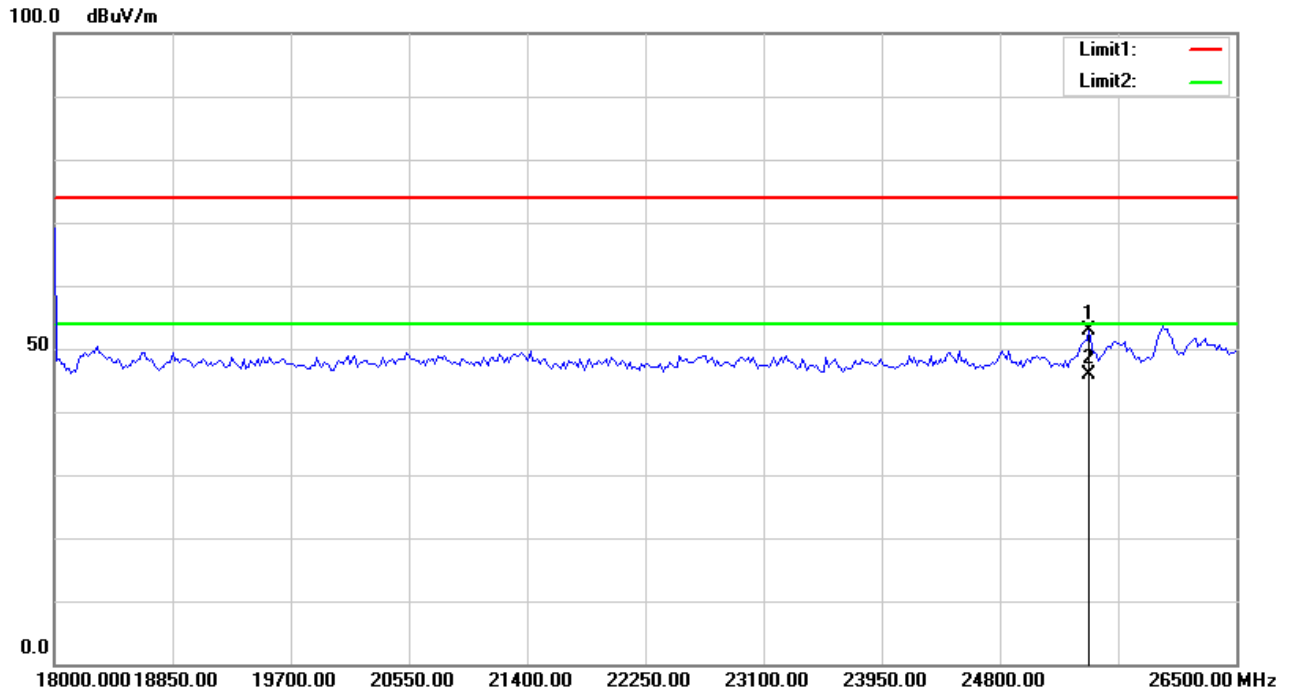
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBµV) | Detector | Corrected (dB/m) | Result (dBµV/m) | Limit (dBµV/m) | Margin (dB) |
|-----|-----------------|----------------|----------|------------------|-----------------|----------------|-------------|
| 1 | 17923.077 | 36.46 | peak | 28.27 | 64.73 | 74.00 | 9.27 |
| 2 | 17923.077 | 24.22 | AVG | 28.27 | 52.49 | 54.00 | 1.51 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

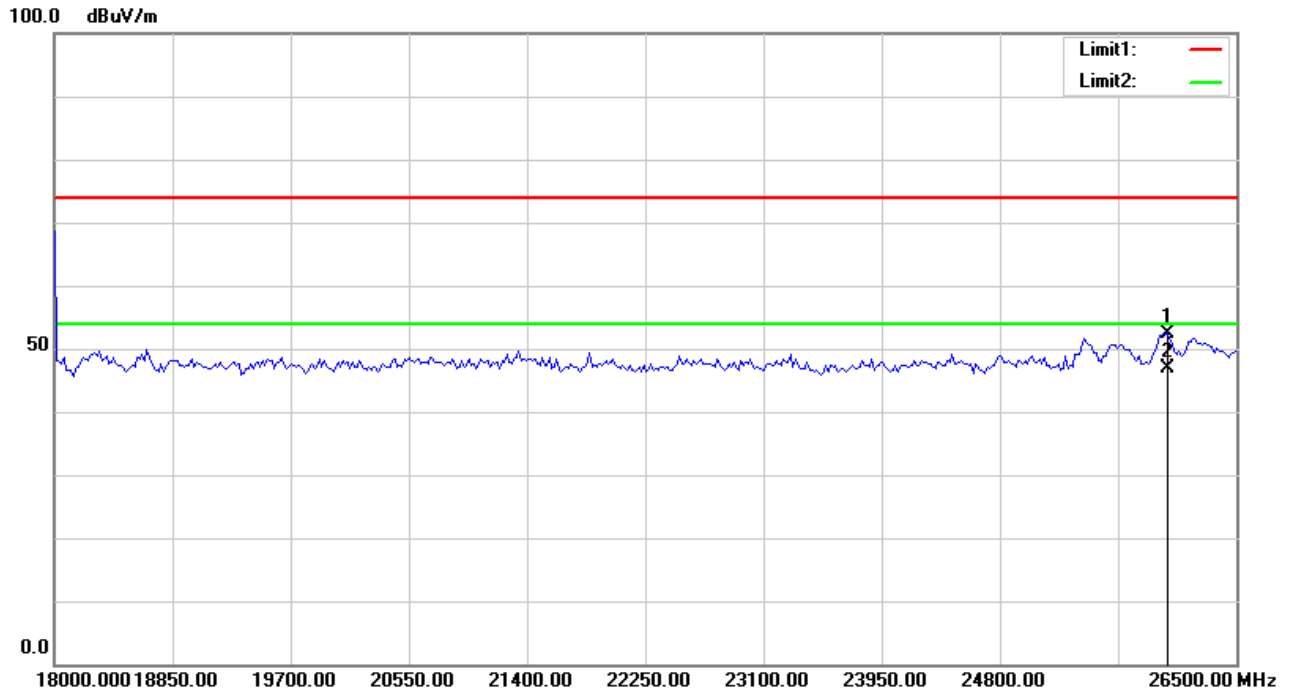
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBuV/m) | Detector | Corrected dB/m | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----|-----------------|------------------|----------|----------------|-----------------|----------------|-------------|
| 1 | 25443.888 | 44.16 | peak | 8.78 | 52.94 | 74.00 | 21.06 |
| 2 | 25443.888 | 37.14 | AVG | 8.78 | 45.92 | 54.00 | 8.08 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

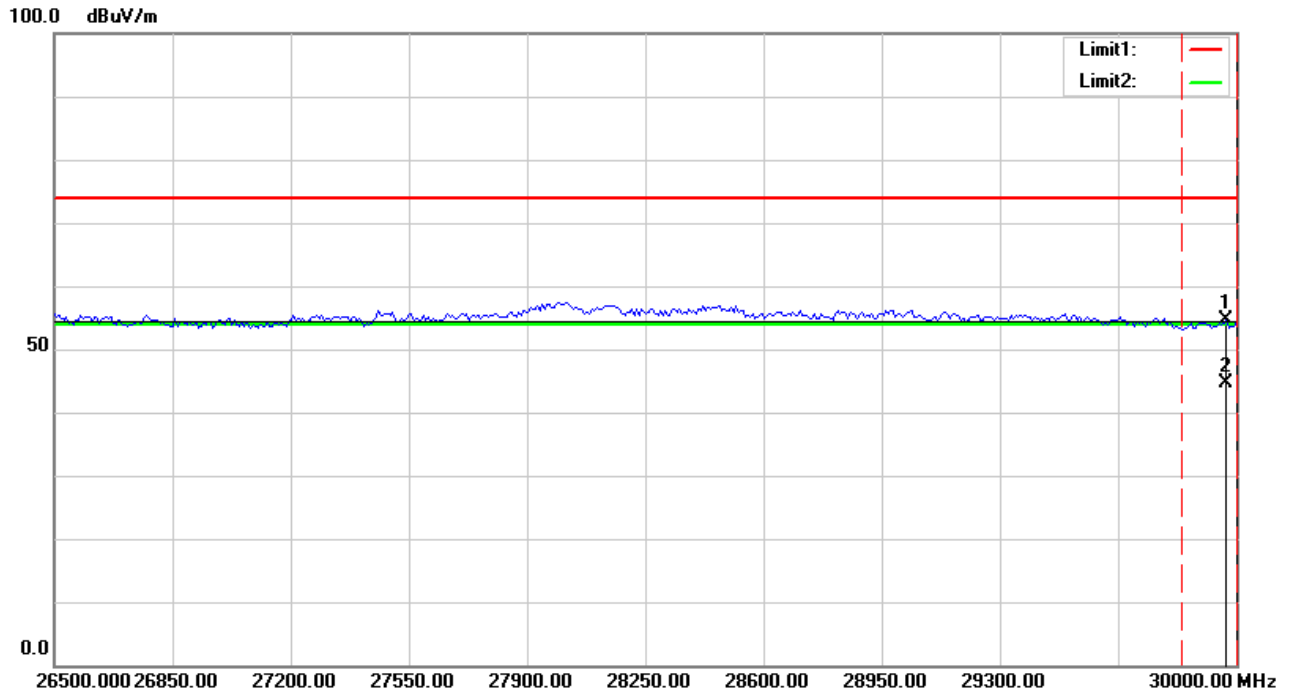
Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBuV/m) | Detector | Corrected dB/m | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----|-----------------|------------------|----------|----------------|-----------------|----------------|-------------|
| 1 | 26006.012 | 42.77 | peak | 9.73 | 52.50 | 74.00 | 21.50 |
| 2 | 26006.012 | 37.08 | AVG | 9.73 | 46.81 | 54.00 | 7.19 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

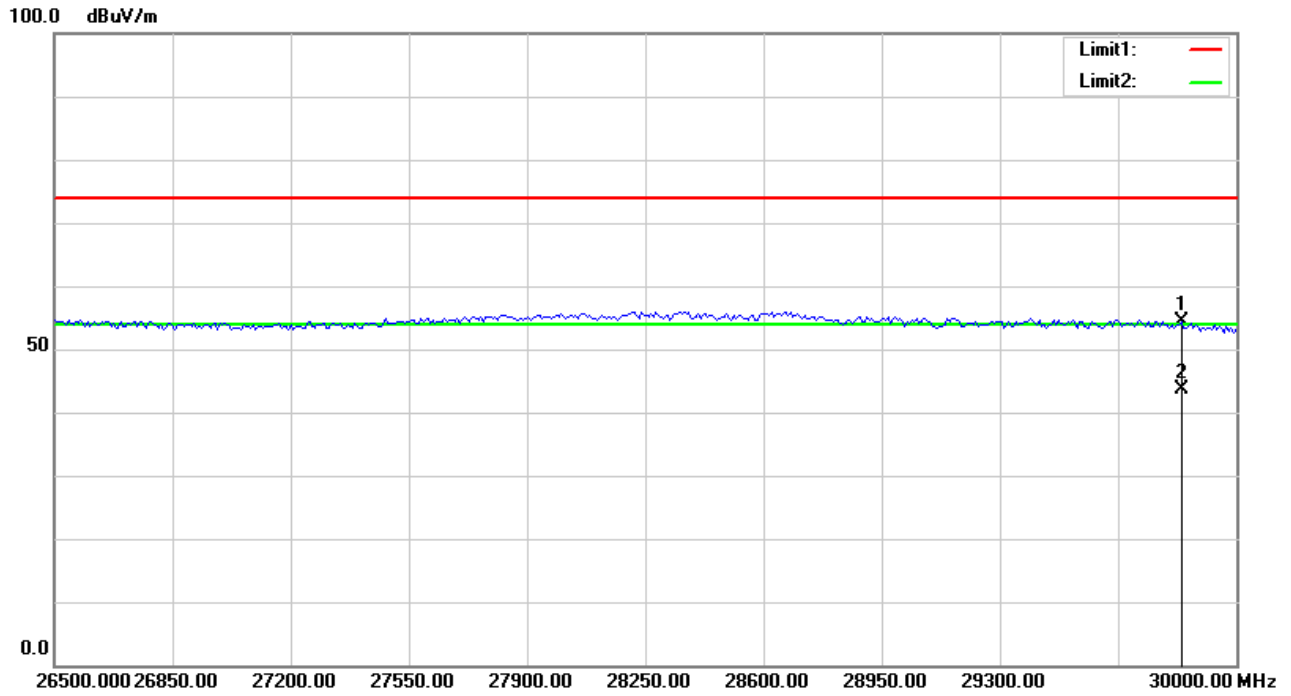
Polarization: Horizontal
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBuV/m) | Detector | Corrected dB/m | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----|-----------------|------------------|----------|----------------|-----------------|----------------|-------------|
| 1 | 29971.944 | 44.09 | peak | 10.46 | 54.55 | 74.00 | 19.45 |
| 2 | 29971.944 | 34.10 | AVG | 10.46 | 44.56 | 54.00 | 9.44 |

Condition: FCC Part 15B Class B Peak
Test Mode: Operating(Battery 1#)

Polarization: Vertical
Power: AC 120V/60Hz
Distance: 3 m



| No. | Frequency (MHz) | Reading (dBuV/m) | Detector | Corrected dB/m | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) |
|-----|-----------------|------------------|----------|----------------|-----------------|----------------|-------------|
| 1 | 29838.677 | 43.83 | peak | 10.46 | 54.29 | 74.00 | 19.71 |
| 2 | 29838.677 | 33.10 | AVG | 10.46 | 43.56 | 54.00 | 10.44 |

*****END OF REPORT*****