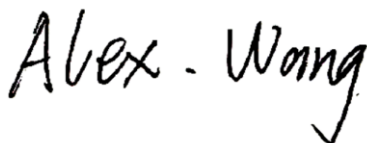


# TEST REPORT

**Application No.:** BTEK260518011A03E01  
**Applicant:** TennRich International Corp.  
**Address of Applicant:** 1-3, Alley 5, Lane 305, Sec 1, Shin Nan Road, Lu Chu District, Taoyuan City, Taiwan 338  
**Manufacturer:** Hetai Electronics (Jiangxi) Co., Ltd.  
**Address of Manufacturer:** Building 3, Binjiang Road, Songshan Piece, District 2, Quannan County Industrial Park, Ganzhou City, Jiangxi Province  
**Equipment Under Test (EUT):**  
**EUT Name:** Power Bank  
**Test Model.:** QM5040PQ  
**Adding Model(s):** /  
**Trade Mark:** Energizer  
**FCC ID:** 2AU4P-QM5040PQ  
**Standard(s) :** 47 CFR Part 15 Subpart C  
**Date of Receipt Sample(s):** 2026-07-20  
**Date of Test:** 2026-07-20 to 2026-07-27  
**Date of Issue:** 2026-07-27

|                     |              |
|---------------------|--------------|
| <b>Test Result:</b> | <b>Pass*</b> |
|---------------------|--------------|

\* In the configuration tested, the EUT complied with the standards specified above.



Alex Wang/ Approved & Authorized  
EMC Laboratory Manager



| Revision Record |            |           |         |
|-----------------|------------|-----------|---------|
| Version         | Issue Date | Revisions | Remarks |
| V0              | 2026-07-27 | Initial   | Valid   |
|                 |            |           |         |
|                 |            |           |         |

|                         |  |                                                                                   |  |
|-------------------------|--|-----------------------------------------------------------------------------------|--|
| Authorized for issue by |  |                                                                                   |  |
|                         |  |  |  |
|                         |  | <hr/>                                                                             |  |
|                         |  | Karl Liu / File Editor                                                            |  |
|                         |  |  |  |
|                         |  | <hr/>                                                                             |  |
|                         |  | June Li/Reviewer                                                                  |  |

## Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in Full without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



## 2 Test Summary

| Item                      | Document Title                                                     |
|---------------------------|--------------------------------------------------------------------|
| 47 CFR Part 15, Subpart C | Intentional Radiators                                              |
| ANSI C63.10-2020          | American National Standard for Testing Unlicensed Wireless Devices |

| Item                              | Standard | Result |
|-----------------------------------|----------|--------|
| Antenna Requirements              | 15.203   | Pass   |
| 20dB Occupied Bandwidth           | 15.215c  | Pass   |
| AC Power Line Conducted Emissions | 15.207   | Pass   |
| Spurious Emissions                | 15.209   | Pass   |

**Note:**

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.



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## 4 General Information

### 4.1 Details of E.U.T.

|                               |                                                                                                                                                                                                                                         |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Supply                  | Battery Capacity:3.85V=5000mAh /19.25Wh(Max.)<br>Rated Capacity:5V=3000mAh<br>Rated Input:USB-C PD 5V=3A,9V=2A<br>Rated Output:USB-C PD 5V=3A,9V=2.22A,12V=1.67A 20W(Max.)<br>Wireless Output:5W/7.5W/10W/15W<br>Total Output:15W(Max.) |
| Modulation Type               | FSK                                                                                                                                                                                                                                     |
| Operating frequency           | Wireless Charging:112-205KHz                                                                                                                                                                                                            |
| Antenna Type                  | Induction Coil Antenna                                                                                                                                                                                                                  |
| Hardware Version              | V1.0                                                                                                                                                                                                                                    |
| Software Version              | V1.0                                                                                                                                                                                                                                    |
| Sample number                 | BTEK260518011-005                                                                                                                                                                                                                       |
| Model(s) Difference Statement | <input checked="" type="checkbox"/> Single Model.                                                                                                                                                                                       |
|                               | <input type="checkbox"/> Multi-Models:                                                                                                                                                                                                  |

### 4.2 Description of EUT Test Mode

| Test Mode List                                               |                              |                                             |
|--------------------------------------------------------------|------------------------------|---------------------------------------------|
| Test Mode                                                    | Description                  | Remark                                      |
| 1                                                            | Wireless output:15W Load 1%  | Keep the EUT Wireless output:15W worst case |
| 2                                                            | Wireless output:15W Load 50% | Keep the EUT Wireless output:15W worst case |
| 3                                                            | Wireless output:15W Load 99% | Keep the EUT Wireless output:15W worst case |
| Remark:1.Only show the worst case load 1% in the test report |                              |                                             |

### 4.3 Description of Support Units

| Auxiliary Equipment |              |       |               |
|---------------------|--------------|-------|---------------|
| Description         | Manufacturer | Model | Serial Number |
| WPC charging load   | EESON        | 2S    | /             |



#### 4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2 and TR100 028-1/-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

| Measurement                       | Value   |
|-----------------------------------|---------|
| Occupied Channel Bandwidth        | 69 KHz  |
| RF output power, conducted        | 0.87 dB |
| Power Spectral Density, conducted | 0.69 dB |
| Unwanted Emissions, conducted     | 0.94 dB |
| All emissions, radiated(<1GHz)    | 4.12 dB |
| All emissions, radiated(>1GHz)    | 4.16 dB |
| Temperature                       | 0.82 °C |
| Humidity                          | 4.1 %   |

#### 4.5 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.

A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Tel: +86 0755-2334 4200 Fax: +86 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

#### 4.6 Deviation from Standards

None

#### 4.7 Abnormalities from Standard Conditions

None



## 5 Equipment List

| RF Conducted                              |                     |             |                 |            |              |
|-------------------------------------------|---------------------|-------------|-----------------|------------|--------------|
| Equipment                                 | Manufacturer        | Model No    | Serial No       | Cal Date   | Cal Due Date |
| Shielding Room                            | YIHENG ENELECTRONIC | 5.5*3.1*3   | YH-BT-220304-03 | 2025-02-15 | 2028-02-14   |
| EXA Signal Analyzer                       | KEYSIGHT            | N9020A      | MY54230486      | 2026-06-17 | 2027-06-16   |
| DC Power Supply                           | E3632A              | E3642A      | KR75304416      | 2026-06-17 | 2027-06-16   |
| Attenuator                                | RswTech             | SMA-JK-6dB  | N/A             | 2026-06-17 | 2027-06-16   |
| Attenuator                                | RswTech             | SMA-JK-3dB  | N/A             | 2026-06-17 | 2027-06-16   |
| RF Control Unit                           | Techy               | TR1029-1    | N/A             | 2026-06-17 | 2027-06-16   |
| RF Sensor Unit                            | Techy               | TR1029-2    | N/A             | 2026-06-17 | 2027-06-16   |
| MXG Vector Signal Generator               | Agilent             | N5182A      | US46240522      | 2026-06-17 | 2027-06-16   |
| Programmable Temperature&Humidity Chamber | GRT                 | GR-HWX1000  | GR22051001      | 2026-06-17 | 2027-06-16   |
| Measurement Software                      | TACHOY              | RF TestSoft | N/A             | N/A        | N/A          |

| Radiated Method Test     |                     |                     |                 |            |            |
|--------------------------|---------------------|---------------------|-----------------|------------|------------|
| Description              | Manufacturer        | Model               | Serial No.      | Cal. Date  | Cal. Due   |
| 3m Semi-Anechoic Chamber | YIHENG ENELECTRONIC | 966                 | YH-BT-220304-01 | 2025-02-15 | 2028-02-14 |
| EMI Test Receiver        | Rohde&Schwarz       | ESCI                | 100694          | 2026-06-17 | 2027-06-16 |
| TRILOG Broadband Antenna | Schwarzbeck         | VULB 9168           | 01324           | 2026-06-17 | 2027-06-16 |
| Pre-Amplifier            | Schwarzbeck         | BBV 9745            | #180            | 2026-06-17 | 2027-06-16 |
| Loop Antenna             | ETS                 | 6502                | 00201177        | 2026-06-17 | 2027-06-16 |
| Measurement Software     | Fara                | EZ EMC Ver. FA-03A2 | N/A             | N/A        | N/A        |

| Conducted Test       |                     |                        |                 |            |            |
|----------------------|---------------------|------------------------|-----------------|------------|------------|
| Description          | Manufacturer        | Model                  | Serial No.      | Cal. Date  | Cal. Due   |
| Shielding Room       | YIHENG ENELECTRONIC | 9*5*3.3                | YH-BT-220304-04 | 2025-02-15 | 2028-02-14 |
| EMI Test Receiver    | Rohde&Schwarz       | ESCI                   | 101021          | 2026-06-17 | 2027-06-16 |
| Measurement Software | Fara                | EZ EMC Ver. FA-03A2    | N/A             | N/A        | N/A        |
| LISN                 | Rohde&Schwarz       | ENV216                 | 101472          | 2026-06-17 | 2027-06-16 |
| LISN                 | Schwarzbeck         | NSLK 8128              | 05127           | 2026-06-17 | 2027-06-16 |
| Pulse Limiter        | Schwarzbeck         | VTSD 9561 F-N          | 00890           | 2026-06-17 | 2027-06-16 |
| Cable                | BTEK                | LMR400UF-NMNM-7.00M    | /               | 2026-06-17 | 2027-06-16 |
| Cable                | BTEK                | LMR400UF-NMNM-2.50M    | /               | 2026-06-17 | 2027-06-16 |
| Cable                | BTEK                | LMR400UF-NMNM-3.00M    | /               | 2026-06-17 | 2027-06-16 |
| Cable                | BTEK                | SFT205PUR-MNSWSM-7.00M | /               | 2026-06-17 | 2027-06-16 |



|       |      |                        |   |            |            |
|-------|------|------------------------|---|------------|------------|
| Cable | BTEK | SFT205PUR-MNSWSM-2.50M | / | 2026-06-17 | 2027-06-16 |
| Cable | BTEK | SFT205PUR-MNSWSM-2.50M | / | 2026-06-17 | 2027-06-16 |
| Cable | BTEK | SFT205PUR-MNSWSM-0.30M | / | 2026-06-17 | 2027-06-16 |



## 6 Radio Spectrum Technical Requirement

### 6.1 Antenna Requirement

#### 6.1.1 Test Requirement:

Test Requirement FCC §15.203;

#### 6.1.2 Conclusion

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with

§ 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

The EUT uses an Integral Antenna which in accordance to Section 15.203 is considered sufficient to comply with the provisions of this section.



## 7 Radio Spectrum Matter Test Results

### 7.1 20dB Occupied Bandwidth

Test Requirement FCC Part 15.215c

#### 7.1.1 E.U.T. Operation

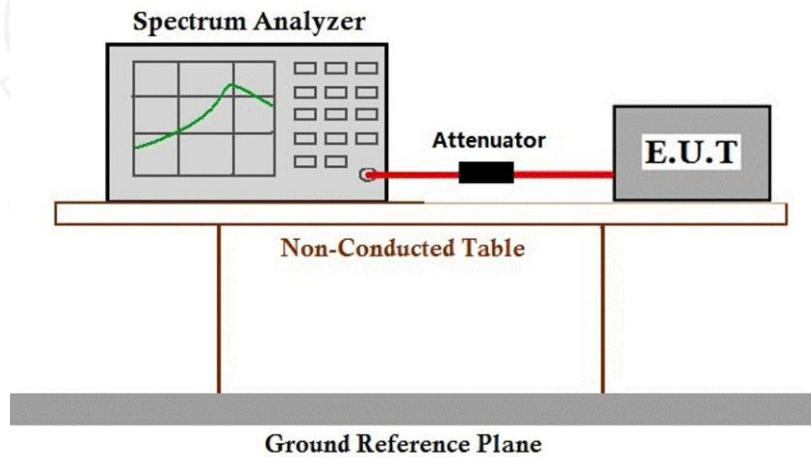
Operating Environment:

Temperature: 22.5 °C

Humidity: 63 % RH

Atmospheric Pressure: 1015 mbar

#### 7.1.2 Test Setup Diagram



#### 7.1.3 Measurement Procedure and Data

cable loss=0.9

1. The transmitter output was connected to the spectrum analyzer through an attenuator, the pathloss was compensated to the results for each measurement.
2. Set to the maximum power setting and enable the EUT transmit continuously
3. Use the following spectrum analyzer settings:  
Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel  
RBW $\geq$ 1% of the 20 dB bandwidth, VBW  $\geq$  RBW  
Sweep = auto, Detector function = peak, Trace = max hold
4. Measure and record the results in the test report.



Worst case mode 1

| Freq. (kHz) | 20 dB bandwidth Result (kHz) | Conclusion |
|-------------|------------------------------|------------|
| 132         | 2.911                        | PASS       |



## 7.2 AC Power Line Conducted Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.207

Test Method:

Limit:

| Frequency of emission(MHz) | Conducted limit(dBμV) |           |
|----------------------------|-----------------------|-----------|
|                            | Quasi-peak            | Average   |
| 0.15-0.5                   | 66 to 56*             | 56 to 46* |
| 0.5-5                      | 56                    | 46        |
| 5-30                       | 60                    | 50        |

\*Decreases with the logarithm of the frequency.

Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz

### 7.2.1 E.U.T. Operation

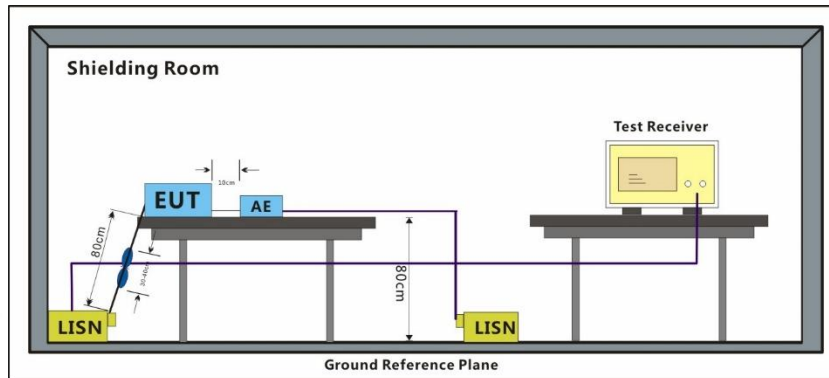
Operating Environment:

Temperature: 22 °C

Humidity: 54 % RH

Atmospheric Pressure: 1010 mbar

### 7.2.2 Test Setup Diagram



### 7.2.3 Measurement Procedure and Data

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

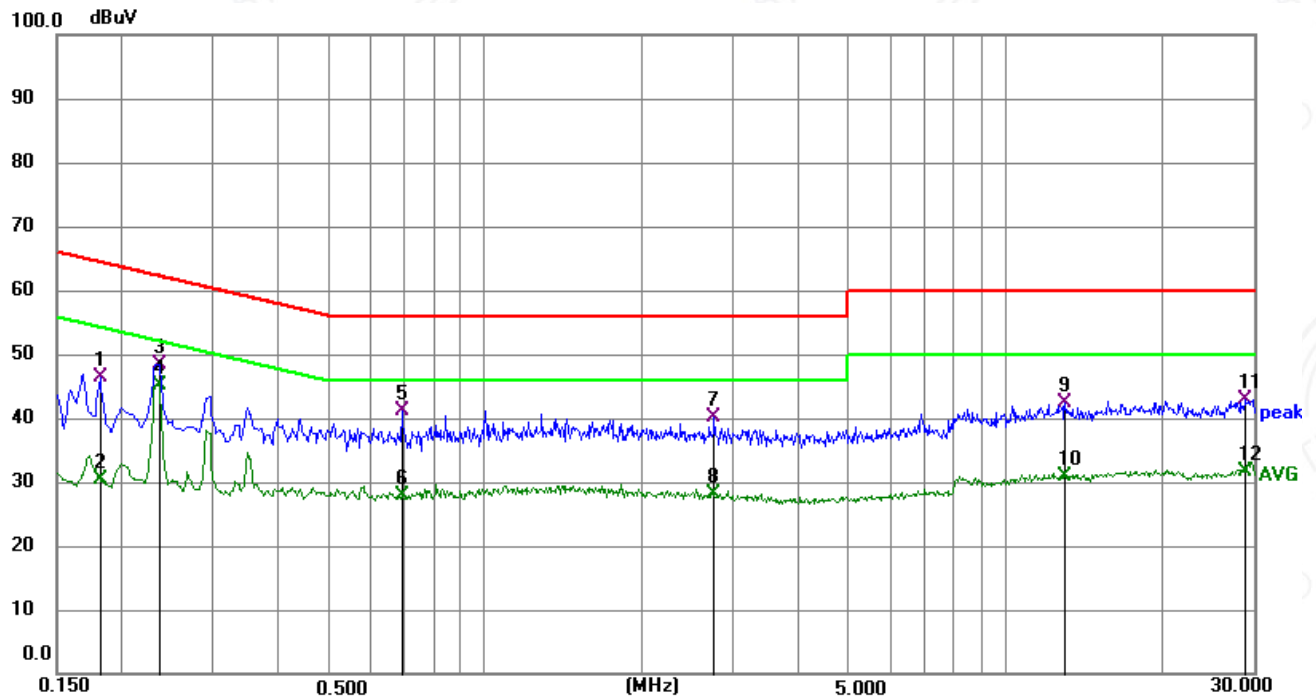
Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

Remark: LISN=Read Level+ Cable Loss+ LISN Factor

Note:Level (dBuV) = Reading (dBuV) + Factor (dB)



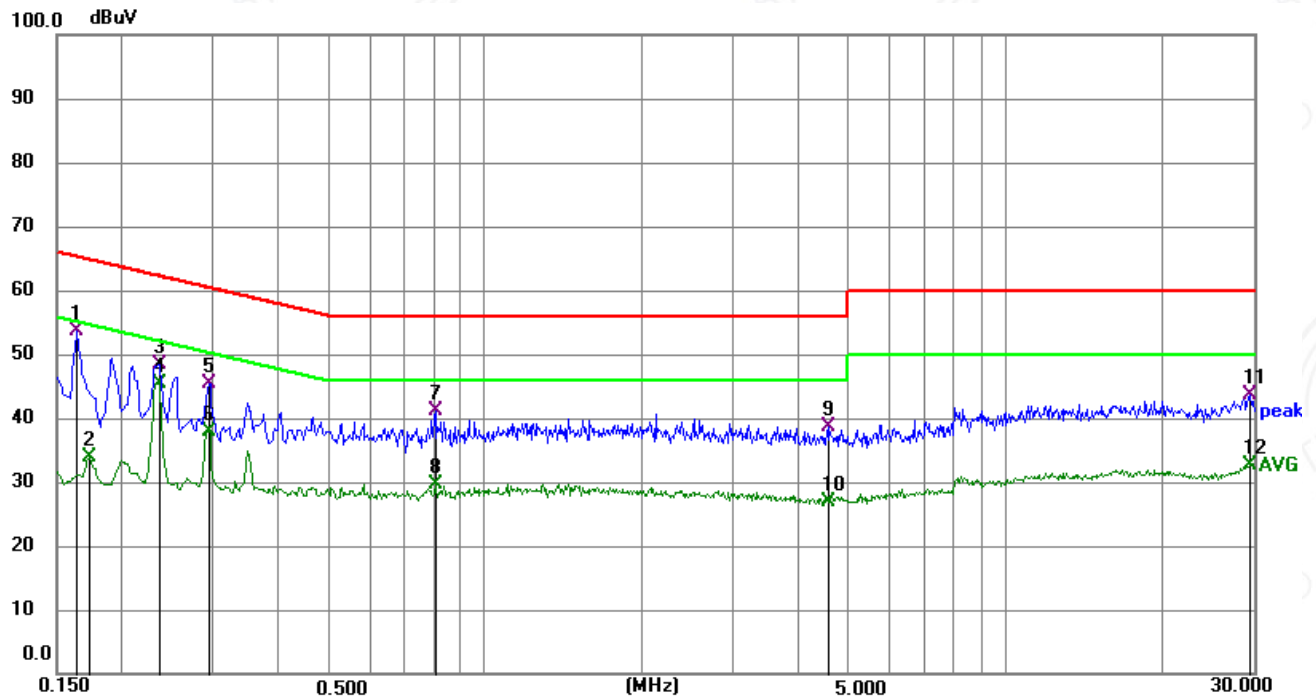
|            |              |           |         |
|------------|--------------|-----------|---------|
| Test mode: | Worst case 1 | Polarity: | Neutral |
|------------|--------------|-----------|---------|



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|-----|-----------------|----------------|-------------|--------------|--------------|-------------|----------|-----|--------|
| 1   | 0.1815          | 26.76          | 19.55       | 46.31        | 64.42        | -18.11      | QP       | P   |        |
| 2   | 0.1815          | 10.73          | 19.55       | 30.28        | 54.42        | -24.14      | AVG      | P   |        |
| 3   | 0.2355          | 28.76          | 19.63       | 48.39        | 62.25        | -13.86      | QP       | P   |        |
| 4 * | 0.2355          | 25.51          | 19.63       | 45.14        | 52.25        | -7.11       | AVG      | P   |        |
| 5   | 0.6900          | 21.52          | 19.51       | 41.03        | 56.00        | -14.97      | QP       | P   |        |
| 6   | 0.6900          | 8.42           | 19.51       | 27.93        | 46.00        | -18.07      | AVG      | P   |        |
| 7   | 2.7554          | 19.09          | 20.95       | 40.04        | 56.00        | -15.96      | QP       | P   |        |
| 8   | 2.7554          | 7.10           | 20.95       | 28.05        | 46.00        | -17.95      | AVG      | P   |        |
| 9   | 13.0155         | 20.85          | 21.49       | 42.34        | 60.00        | -17.66      | QP       | P   |        |
| 10  | 13.0155         | 9.48           | 21.49       | 30.97        | 50.00        | -19.03      | AVG      | P   |        |
| 11  | 29.0085         | 19.37          | 23.55       | 42.92        | 60.00        | -17.08      | QP       | P   |        |
| 12  | 29.0085         | 8.16           | 23.55       | 31.71        | 50.00        | -18.29      | AVG      | P   |        |



|            |              |           |      |
|------------|--------------|-----------|------|
| Test mode: | Worst case 1 | Polarity: | Line |
|------------|--------------|-----------|------|



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB) | Level (dBuV) | Limit (dBuV) | Margin (dB) | Detector | P/F | Remark |
|-----|-----------------|----------------|-------------|--------------|--------------|-------------|----------|-----|--------|
| 1   | 0.1635          | 34.27          | 19.47       | 53.74        | 65.28        | -11.54      | QP       | P   |        |
| 2   | 0.1725          | 14.49          | 19.43       | 33.92        | 54.84        | -20.92      | AVG      | P   |        |
| 3   | 0.2355          | 28.69          | 19.61       | 48.30        | 62.25        | -13.95      | QP       | P   |        |
| 4 * | 0.2355          | 25.75          | 19.61       | 45.36        | 52.25        | -6.89       | AVG      | P   |        |
| 5   | 0.2940          | 25.69          | 19.60       | 45.29        | 60.41        | -15.12      | QP       | P   |        |
| 6   | 0.2940          | 18.37          | 19.60       | 37.97        | 50.41        | -12.44      | AVG      | P   |        |
| 7   | 0.8025          | 21.68          | 19.51       | 41.19        | 56.00        | -14.81      | QP       | P   |        |
| 8   | 0.8025          | 10.19          | 19.51       | 29.70        | 46.00        | -16.30      | AVG      | P   |        |
| 9   | 4.5960          | 17.94          | 20.59       | 38.53        | 56.00        | -17.47      | QP       | P   |        |
| 10  | 4.5960          | 6.36           | 20.59       | 26.95        | 46.00        | -19.05      | AVG      | P   |        |
| 11  | 29.6520         | 19.87          | 23.84       | 43.71        | 60.00        | -16.29      | QP       | P   |        |
| 12  | 29.6520         | 8.84           | 23.84       | 32.68        | 50.00        | -17.32      | AVG      | P   |        |

NOTE:

- 1.Level (dBuV) = Reading (dBuV) + Factor (dB)
- 2.Factor = Insertion Loss + Cable Loss.
- 3.Margin = Level – Limit.



### 7.3 Radiated Spurious Emissions

Test Requirement FCC §15.209

Test Method:

Limit:

Radiated emission outside the frequency band attenuation below the general limits specified in FCC section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in FCC section 15.205(a), must also comply with the radiated emission limits specified in FCC section 15.209(a). According to FCC section 15.209 (a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

| FCC Part 15.209 |                           |      |                                                                 |                                   |
|-----------------|---------------------------|------|-----------------------------------------------------------------|-----------------------------------|
| Frequency (MHz) | Field Strength Limitation |      | Field Strength Limitation Frequency tion at 3m Measurement Dist |                                   |
|                 | (uV/m)                    | Dist | (uV/m)                                                          | (dBuV/m)                          |
| 0.009 – 0.490   | $2400 / F(\text{KHz})$    | 300m | $10000 * 2400/F(\text{KHz})$                                    | $20\log 2400/F(\text{KHz}) + 80$  |
| 0.490 – 1.705   | $24000 / F(\text{KHz})$   | 30m  | $100 * 24000/F(\text{KHz})$                                     | $20\log 24000/F(\text{KHz}) + 40$ |
| 1.705 – 30.00   | 30                        | 30m  | $100 * 30$                                                      | $20\log 30 + 40$                  |
| 30.0 – 88.0     | 100                       | 3m   | 100                                                             | $20\log 100$                      |
| 88.0 – 216.0    | 150                       | 3m   | 150                                                             | $20\log 150$                      |
| 216.0 – 960.0   | 200                       | 3m   | 200                                                             | $20\log 200$                      |
| Above 960.0     | 500                       | 3m   | 500                                                             | $20\log 500$                      |

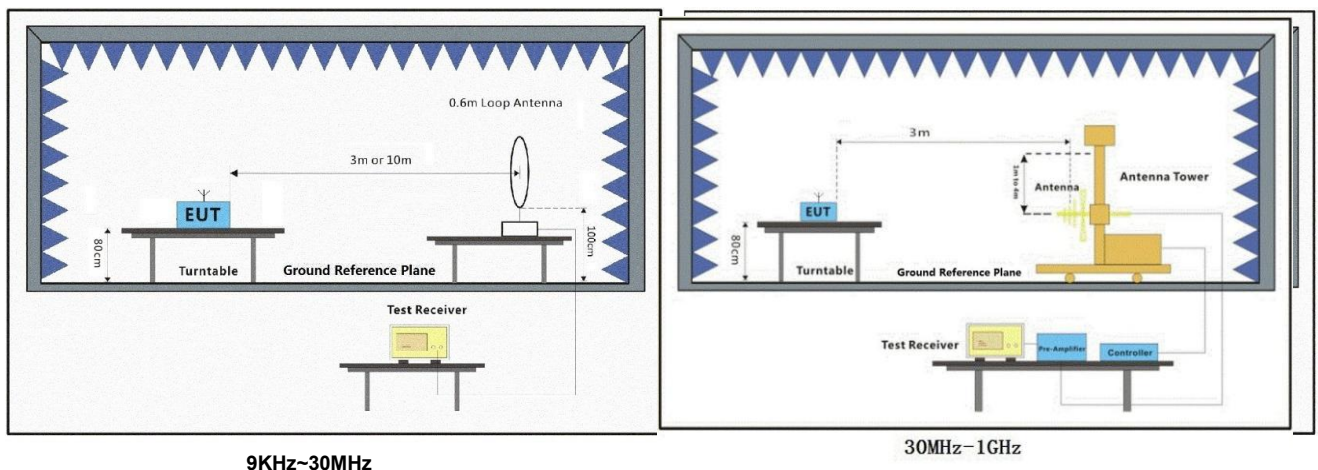
Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

#### 7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 55 % RH Atmospheric Pressure: 1010 mbar

#### 7.3.2 Test Setup Diagram

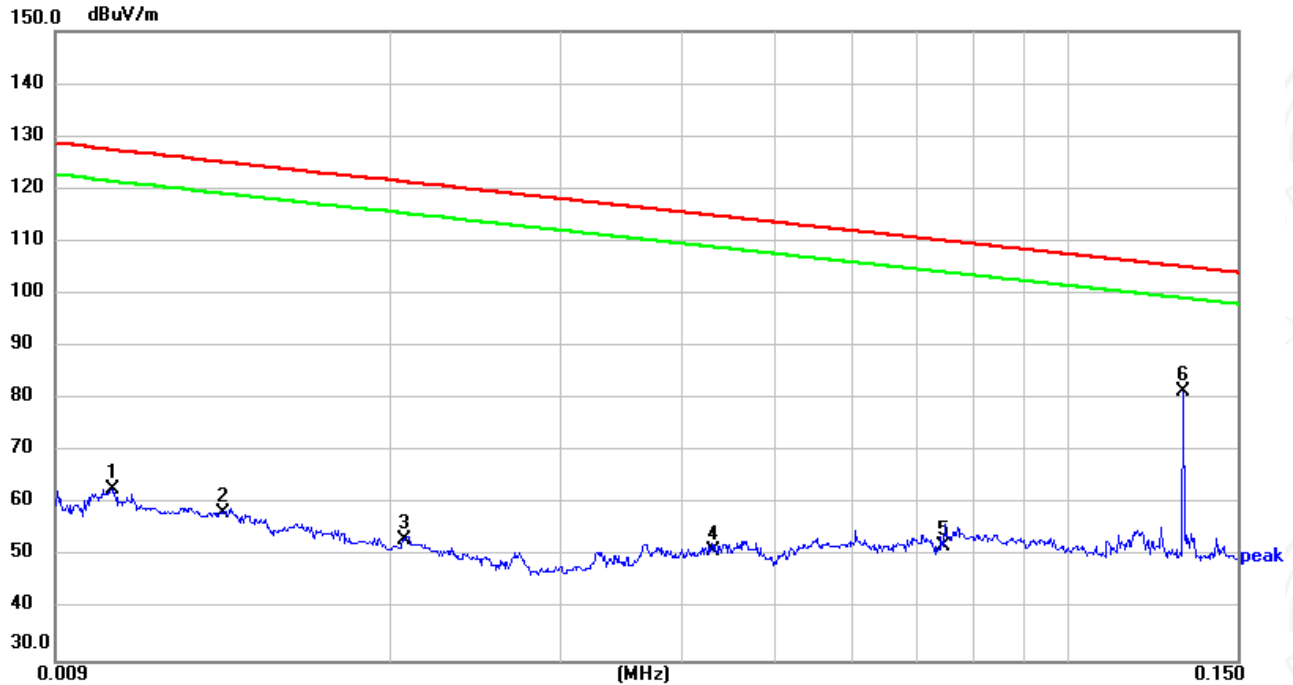


### 7.3.3 Measurement Procedure and Data

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can move up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna (calibrated by dipole antenna) are used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on measurement.

9 kHz ~ 30 MHz

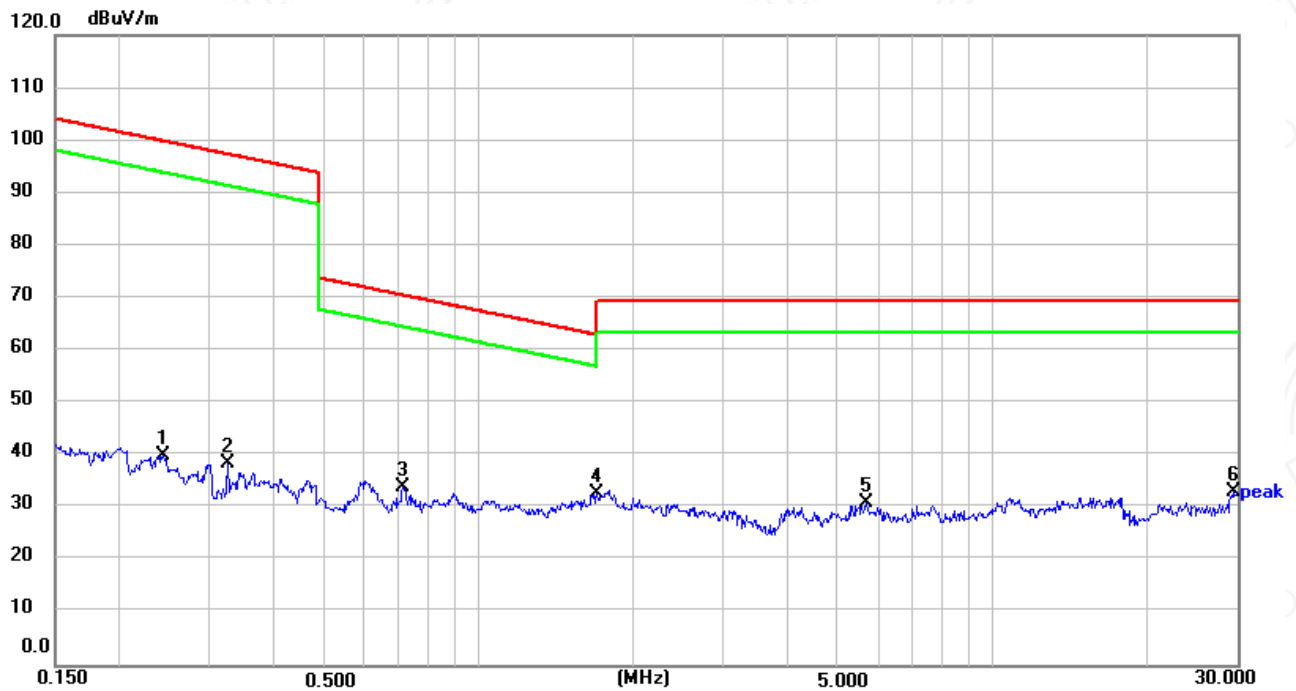
|            |              |           |   |
|------------|--------------|-----------|---|
| Test mode: | Worst case 1 | Polarity: | X |
|------------|--------------|-----------|---|



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 0.0103          | 93.18          | -30.32        | 62.86          | 127.35         | -64.49      | peak     |
| 2   | 0.0134          | 88.54          | -30.34        | 58.20          | 125.06         | -66.86      | peak     |
| 3   | 0.0206          | 83.78          | -30.40        | 53.38          | 121.33         | -67.95      | peak     |
| 4   | 0.0430          | 81.62          | -30.61        | 51.01          | 114.94         | -63.93      | peak     |
| 5   | 0.0743          | 83.13          | -30.94        | 52.19          | 110.18         | -57.99      | peak     |
| 6 * | 0.1317          | 112.70         | -31.19        | 81.51          | 105.21         | -23.70      | peak     |



|            |              |           |   |
|------------|--------------|-----------|---|
| Test mode: | Worst case 1 | Polarity: | X |
|------------|--------------|-----------|---|



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|
| 1   | 0.2430          | 71.27          | -31.14        | 40.13          | 99.89          | -59.76      | peak     |
| 2   | 0.3251          | 69.78          | -31.11        | 38.67          | 97.36          | -58.69      | peak     |
| 3   | 0.7120          | 65.10          | -30.96        | 34.14          | 70.55          | -36.41      | peak     |
| 4 * | 1.6980          | 63.71          | -30.83        | 32.88          | 63.01          | -30.13      | peak     |
| 5   | 5.6832          | 61.83          | -30.81        | 31.02          | 69.54          | -38.52      | peak     |
| 6   | 29.3704         | 63.63          | -30.55        | 33.08          | 69.54          | -36.46      | peak     |

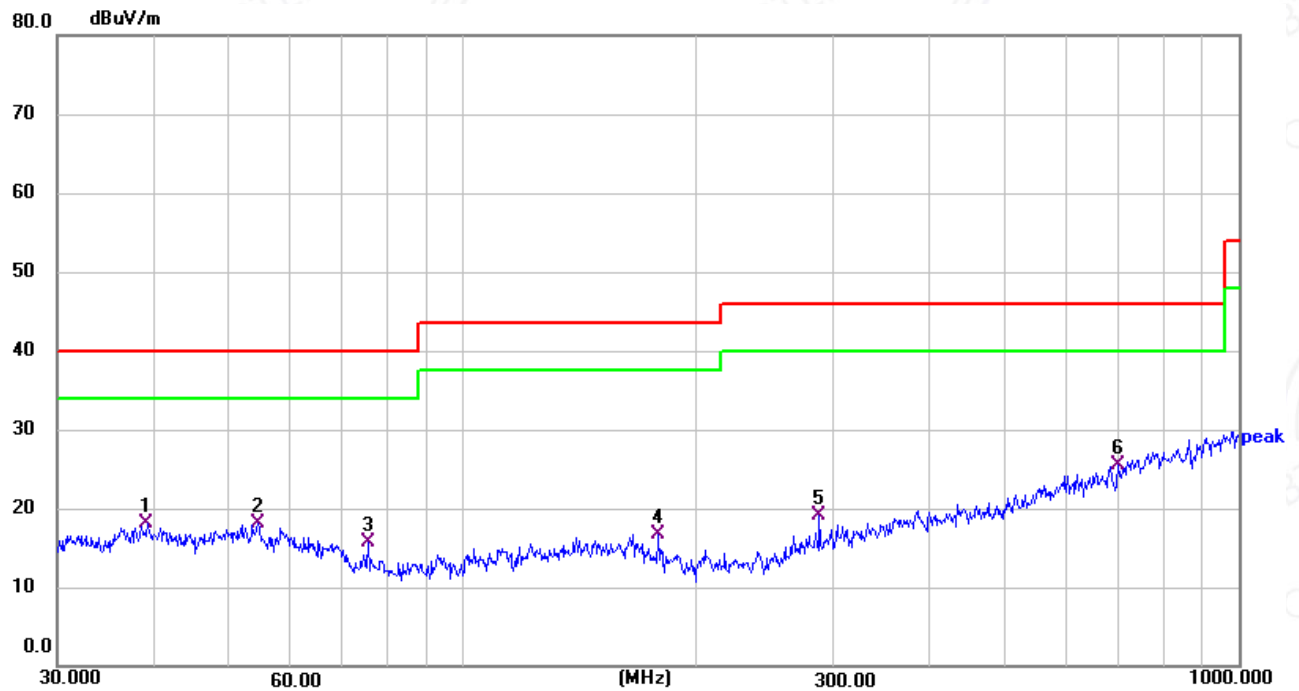
#### Note:

- 1).  $\text{Level(dBuV/m)} = \text{Reading(dBuV)} + \text{Factor(dB/m)}$
- 2).  $\text{Factor(dB/m)} = \text{Antenna Factor(dB/m)} + \text{Cable loss(dB)} - \text{Pre Amplifier gain(dB)}$
- 3).  $\text{Margin(dB)} = \text{Limit(dBuV/m)} - \text{Level(dBuV/m)}$
- 4). This EUT was tested in 3 orthogonal positions and the worst case position data was reported.
- 5). Pre-scan coaxial and coplanar polar, only show the worst case coaxial in the test report.



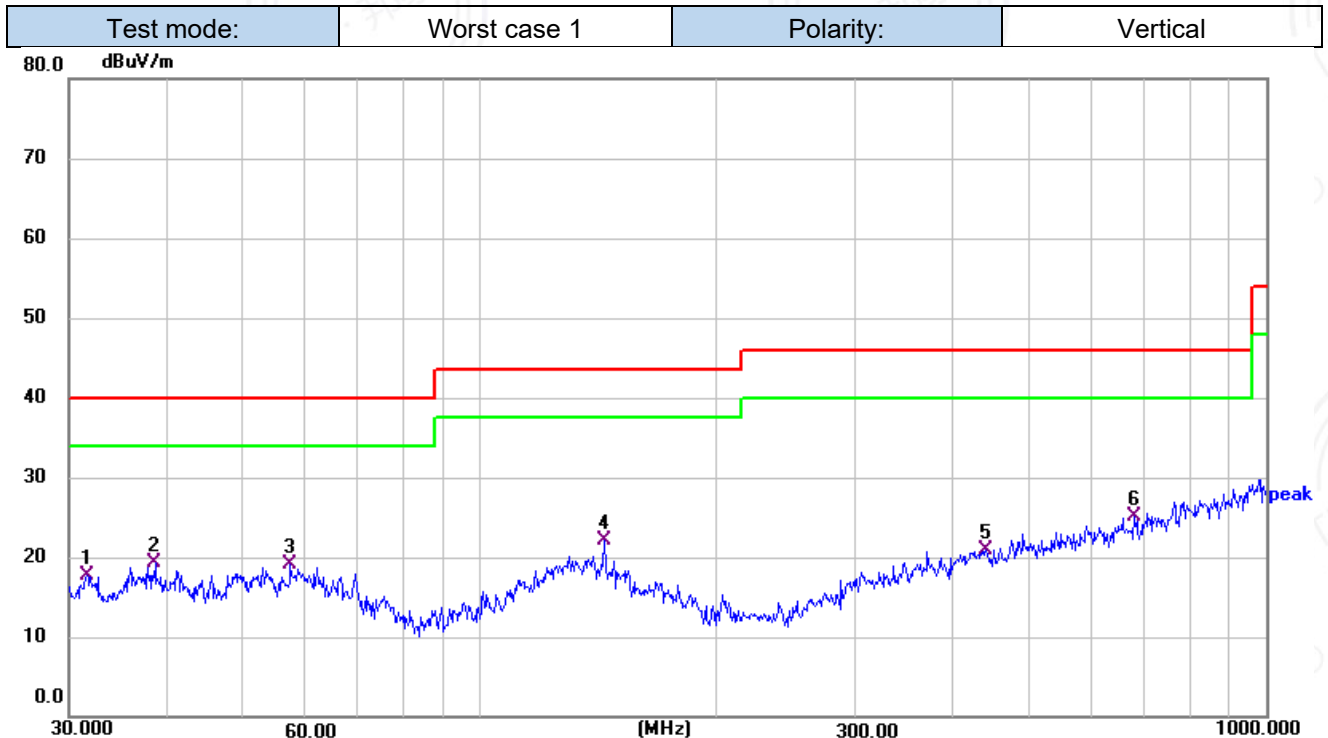
Below 1GHz

|            |              |           |            |
|------------|--------------|-----------|------------|
| Test mode: | Worst case 1 | Polarity: | Horizontal |
|------------|--------------|-----------|------------|



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 39.1613         | 29.42          | -11.25        | 18.17          | 40.00          | -21.83      | QP       | 100         | 360            | P   |        |
| 2   | 54.4515         | 29.74          | -11.70        | 18.04          | 40.00          | -21.96      | QP       | 100         | 360            | P   |        |
| 3   | 75.4462         | 30.17          | -14.52        | 15.65          | 40.00          | -24.35      | QP       | 100         | 360            | P   |        |
| 4   | 178.7583        | 29.56          | -12.82        | 16.74          | 43.50          | -26.76      | QP       | 100         | 360            | P   |        |
| 5   | 287.9904        | 31.48          | -12.42        | 19.06          | 46.00          | -26.94      | QP       | 100         | 360            | P   |        |
| 6 * | 699.3044        | 30.23          | -4.81         | 25.42          | 46.00          | -20.58      | QP       | 100         | 360            | P   |        |





| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 31.6201         | 29.25          | -11.63        | 17.62          | 40.00          | -22.38      | QP       | 100         | 0              | P   |        |
| 2 * | 38.6160         | 30.70          | -11.35        | 19.35          | 40.00          | -20.65      | QP       | 100         | 0              | P   |        |
| 3   | 57.3922         | 31.31          | -12.27        | 19.04          | 40.00          | -20.96      | QP       | 100         | 0              | P   |        |
| 4   | 143.8294        | 33.82          | -11.75        | 22.07          | 43.50          | -21.43      | QP       | 100         | 0              | P   |        |
| 5   | 440.1961        | 28.80          | -7.94         | 20.86          | 46.00          | -25.14      | QP       | 100         | 0              | P   |        |
| 6   | 679.9600        | 29.23          | -4.16         | 25.07          | 46.00          | -20.93      | QP       | 100         | 0              | P   |        |

#### NOTE:

1.Level (dBuV/m) = Reading (dBuV) + Factor (dB/m)

The reading level is calculated by software which is not shown in the sheet

2.Factor = Antenna Factor+ Cable Loss-Preamp Factor

3.Margin = Level – Limit.



## 8 Test Setup Photo

Please refer to the Appendix test setup Photos.

## 9 EUT Constructional Details (EUT Photos)

Please refer to the Appendix EUT Photos.

- End of the Report -

