# TEST REPORT

| | | |
|---|---|---|
| **Reference No.** | : | WTD24X09217632W002 |
| **FCC ID** | : | 2ALCV-PBW1010X |
| **Applicant** | : | Emerson Radio Corp. |
| **Address** | : | 959 Route 46 East, Suite 210, 2nd Floor, Parsippany, NJ 07054, USA |
| **Manufacturer** | : | Shenzhen Blue Times Technology Co., Ltd. |
| **Address** | : | B Block, Taixinglong Technology Zone, Hezhou, Xixiang, Bao'an, Shenzhen, Guangdong, China |
| **Product Name** | : | POWER BANK 10,000mAh WITH 15W WIRELESS CHARGING AND WIRED OUTPUT 22.5W |
| **Model No.** | : | PBW1010W |
| **Standards** | : | KDB 680106 D01 V04 |
| **Date of Receipt sample** | : | 2024-09-18 |
| **Date of Test** | : | 2024-09-18 to 2024-10-09 |
| **Date of Issue** | : | 2024-10-09 |
| **Test Report Form No.** | : | WTX_KDB 680106 D01 V04W |
| **Test Result** | : | **Pass** |

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 approver.

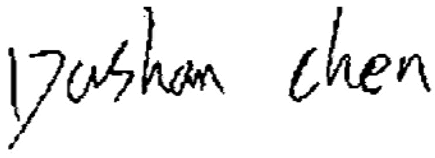

**Prepared By:**

**Waltek Testing Group (Shenzhen) Co., Ltd.**

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road,
Block 70 Bao'an District, Shenzhen, Guangdong, China

Tel.: +86-755-33663308 Fax.: +86-755-33663309 Email: sem@waltek.com.cn


Tested by:



Dashan Chen

Approved by:

Jason Su

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## Report version

| Version No. | Date of issue | Description |
|---|---|---|
| Rev.00 | 2024-10-09 | Original |
| / | / | / |

# 1. GENERAL INFORMATION

## 1.1 Product Description for Equipment Under Test (EUT)

| **General Description of EUT** | |
|---|---|
| Product Name: | POWER BANK 10,000mAh WITH 15W WIRELESS CHARGING AND WIRED OUTPUT 22.5W |
| Trade Name: | / |
| Model No.: | PBW1010W |
| Adding Model(s): | PBW1010P, PBW1010U, PBW1010B |
| *Note: The test data is gathered from a production sample, provided by the manufacturer. The appearance of others models listed in the report is different from main-test model PBW1010W, but the circuit and the electronic construction do not change, declared by the manufacturer.* | |

| **Technical Characteristics of EUT** | |
|---|---|
| Frequency Range: | 100~205kHz@5W/10W<br>128kHz@7.5W<br>360kHz@15W |
| Modulation Type: | FSK |
| Antenna Type: | Coil Antenna |
| Input: | DC5V2.4A, DC9V2A,DC12V1.5A |
| Wireless output: | 5W, 7.5W, 10W, 15W |
| *Note The Antenna Gain is provided by the customer and can affect the validity of results.* | |

## 1.2 Auxiliary Equipment List and Details

Auxiliary Equipment List and Details

| Description | Manufacturer | Model | Serial Number |
|---|---|---|---|
| Adapter | Xiaomi | MDY-08-ES | / |
| iPhone | Apple Inc | A3104 | / |
| Wireless charging tester | YBZ | YBZ wireless charging tester | / |

Special Cable List and Details

| Cable Description | Length (M) | Shielded/Unshielded | With Core/Without Core |
|---|---|---|---|
| USB Cable | 1.0 | shielded | With Ferrite |

## 1.3 Test Equipment List and Details

| Description | Manufacturer | Model | Serial No. | Cal Date | Due Date |
|---|---|---|---|---|---|
| ELECTRIC AND MAGNETIC FIELD ANALYZER | Narda | EHP-200AC | 180ZX10226 | 2024-03-05 | 2025-03-04 |

# 2. RF Exposure Test Report

## 2.1 Standard Applicable

According to §1.1310 system operating under the provisions of this section shall be operating in a manner that the public is not exposed to radio frequency energy level in excess limit for maximum permissible exposure.

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

| Frequency range (MHz) | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density ($mW/cm^2$) | Averaging time (minutes) |
|---|---|---|---|---|
| (A) Limits for Occupational/Controlled Exposure | | | | |
| 0.3-3.0 | 614 | 1.63 | *100 | 6 |
| 3.0-30 | 1842/f | 4.89/f | $*900/f^2$ | 6 |
| 30-300 | 61.4 | 0.163 | 1.0 | 6 |
| 300-1,500 | | | f/300 | 6 |
| 1,500-100,000 | | | 5 | 6 |
| (B) Limits for General Population/Uncontrolled Exposure | | | | |
| 0.3-1.34 | 614 | 1.63 | *100 | 30 |
| 1.34-30 | 824/f | 2.19/f | $*180/f^2$ | 30 |
| 30-300 | 27.5 | 0.073 | 0.2 | 30 |
| 300-1,500 | | | f/1500 | 30 |
| 1,500-100,000 | | | 1.0 | 30 |

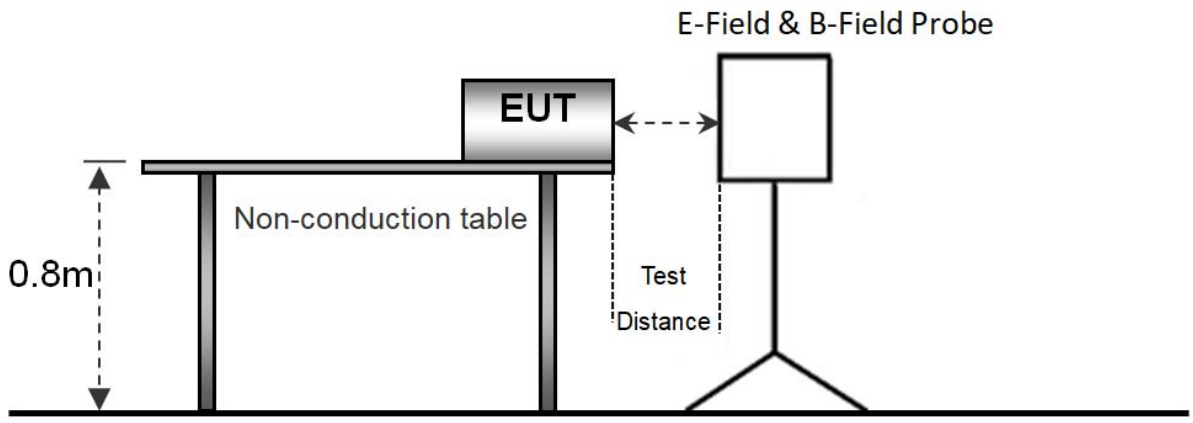
f = frequency in MHz * = Plane-wave equivalent power density

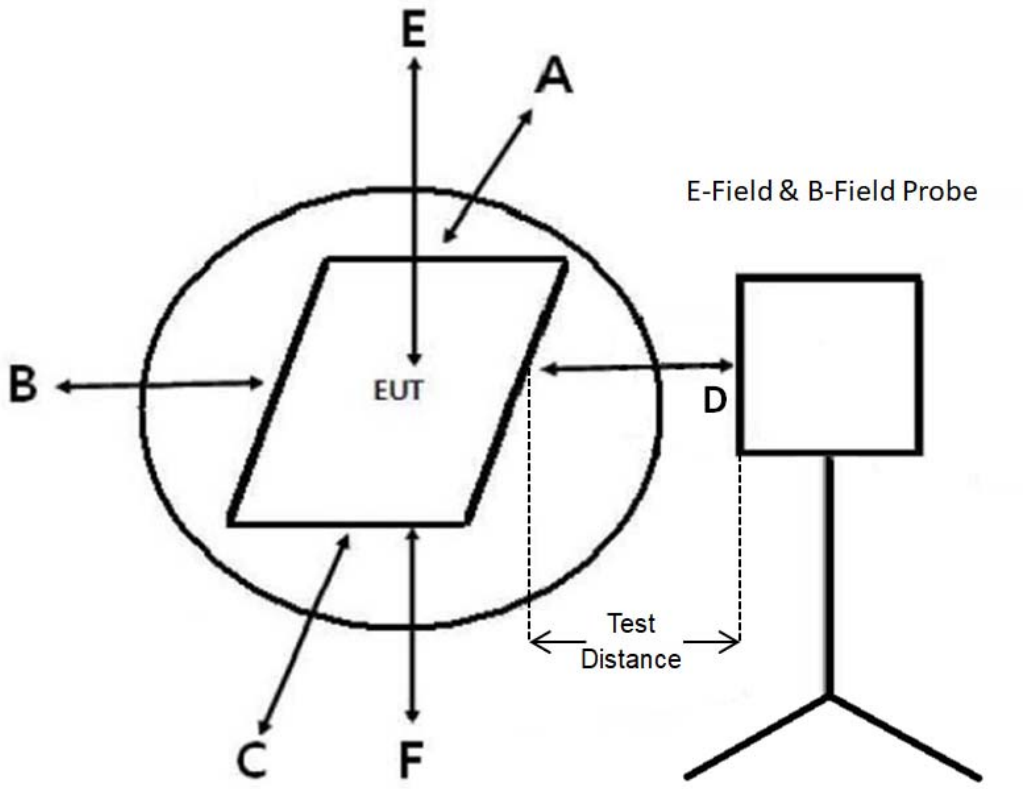
## 2.2 Test Conditions

| Test Mode | Description | Remark |
|---|---|---|
| **AC adapter Mode:** | | |
| TM1 | Wireless Charging | Input : 5V/2.4A, 9V2A,12V1.5A<br>Wireless Output : 5W |
| **Battery Mode(2cm):** | | |
| TM2 | Wireless Charging | Wireless Output : 5W |
| TM3 | Wireless Charging | Wireless Output : 10W |
| TM4 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(4cm):** | | |
| TM5 | Wireless Charging | Wireless Output : 5W |
| TM6 | Wireless Charging | Wireless Output : 10W |
| TM7 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(6cm):** | | |
| TM8 | Wireless Charging | Wireless Output : 5W |
| TM9 | Wireless Charging | Wireless Output : 10W |

| | | |
|---|---|---|
| TM10 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(8cm):** | | |
| TM11 | Wireless Charging | Wireless Output : 5W |
| TM12 | Wireless Charging | Wireless Output : 10W |
| TM13 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(10cm):** | | |
| TM14 | Wireless Charging | Wireless Output : 5W |
| TM15 | Wireless Charging | Wireless Output : 10W |
| TM16 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(12cm):** | | |
| TM17 | Wireless Charging | Wireless Output : 5W |
| TM18 | Wireless Charging | Wireless Output : 10W |
| TM19 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(14cm):** | | |
| TM20 | Wireless Charging | Wireless Output : 5W |
| TM21 | Wireless Charging | Wireless Output : 10W |
| TM22 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(16cm):** | | |
| TM23 | Wireless Charging | Wireless Output : 5W |
| TM24 | Wireless Charging | Wireless Output : 10W |
| TM25 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(18cm):** | | |
| TM26 | Wireless Charging | Wireless Output : 5W |
| TM27 | Wireless Charging | Wireless Output : 10W |
| TM28 | Wireless Charging | Wireless Output : 15W |
| **Battery Mode(20cm):** | | |
| TM29 | Wireless Charging | Wireless Output : 5W |
| TM30 | Wireless Charging | Wireless Output : 10W |
| TM31 | Wireless Charging | Wireless Output : 15W |
| Note:<br>For test AC Adapter, the device is designed for desktop, the test should be performed on each points (only A, B, C, D, E) at test distance (15 cm).<br>For test by Battery, the device is designed for portable, the test should be performed on each points (A, B, C, D, E, F) at test distance (2 ~20cm).<br>The EUT was tested with empty load, half load, and full load, and recorded the worst mode (full load) data in the report.). | | |
| **Measurement Distance:** | 0~20 cm | |

## 2.3 Test Procedure




a. Probe Model: EHP-200AC; The probe sensor is 8 mm below the surface
b. The measurement probe was placed at test distance, which is between the edge of the charger and the edge of probe.
c. E- and H-field data are taken along all three axes the device, from 0 cm to 20 cm, in 2 cm minimum increment measured from the edge of the device, with one axis coincident with the axis of the main coil.
d. The highest emission level was recorded at the measurement points (A, B, C, D, E, F).
e. The EUT was measured according to the distance of KDB 680106 D01 v04.

## 2.4 Test Result

The EUT complies with item 5.2 of KDB 680106 D01V04

(1) The power transfer frequency is below 1 MHz.
Yes, the device operate in the frequency range from 100kHz to 205kHz and 360kHz.

(2) The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.
Yes, the maximum output power of the primary coil is equal to 15W.

(3) A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact)
Yes, the surfaces of the transmitter and client device enclosures has be in physical contact.

(4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions).
No, it also supports portable exposure conditions.

(5) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis or until a 1/d (inverse distance from the emitter structure) field strength decay is observed. Symmetry considerations may be used for test reduction purposes. The device shall be operated in documented worst-case compliance scenarios (i.e., the ones that lead to the maximum field components), and while all the radiating structures (e.g., coils or antennas) that by design can simultaneously transmit are energized at their nominal maximum power.
Yes, The EUT field strength levels are less than 50% of the MPE limit, refer to test TM1, TM2, TM3 list.

(6) For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested.
Yes, The EUT field strength levels are less than 50% of the MPE limit, refer to test list; and the coils can’t transmitted simultaneous.

*Test Mode: TM1*

*Test distance: 15 cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0473 | 614 | 307 |
| Point F | 0.0567 | 614 | 307 |
| Point A | 0.0452 | 614 | 307 |
| Point B | 0.0374 | 614 | 307 |
| Point C | 0.0385 | 614 | 307 |
| Point D | 0.0356 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0361 | 1.63 | 0.815 |
| Point F | 0.0359 | 1.63 | 0.815 |
| Point A | 0.0375 | 1.63 | 0.815 |
| Point B | 0.0426 | 1.63 | 0.815 |
| Point C | 0.0437 | 1.63 | 0.815 |
| Point D | 0.0475 | 1.63 | 0.815 |

*Test Mode: TM2*

*Test distance: 2cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.4579 | 614 | 307 |
| Point F | 0.3876 | 614 | 307 |
| Point A | 0.2183 | 614 | 307 |
| Point B | 0.1875 | 614 | 307 |
| Point C | 0.1752 | 614 | 307 |
| Point D | 0.1951 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.1757 | 1.63 | 0.815 |
| Point F | 0.0955 | 1.63 | 0.815 |
| Point A | 0.0819 | 1.63 | 0.815 |
| Point B | 0.0864 | 1.63 | 0.815 |
| Point C | 0.0876 | 1.63 | 0.815 |
| Point D | 0.1013 | 1.63 | 0.815 |

*Test Mode: TM5*

*Test distance: 4cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.1262 | 614 | 307 |
| Point F | 0.0596 | 614 | 307 |
| Point A | 0.0655 | 614 | 307 |
| Point B | 0.0573 | 614 | 307 |
| Point C | 0.0571 | 614 | 307 |
| Point D | 0.1120 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0587 | 1.63 | 0.815 |
| Point F | 0.0225 | 1.63 | 0.815 |
| Point A | 0.0282 | 1.63 | 0.815 |
| Point B | 0.0276 | 1.63 | 0.815 |
| Point C | 0.0253 | 1.63 | 0.815 |
| Point D | 0.0518 | 1.63 | 0.815 |

*Test Mode: TM8*

*Test distance: 6cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0578 | 614 | 307 |
| Point F | 0.0216 | 614 | 307 |
| Point A | 0.0294 | 614 | 307 |
| Point B | 0.0265 | 614 | 307 |
| Point C | 0.0273 | 614 | 307 |
| Point D | 0.0462 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0259 | 1.63 | 0.815 |
| Point F | 0.0351 | 1.63 | 0.815 |
| Point A | 0.0346 | 1.63 | 0.815 |
| Point B | 0.0314 | 1.63 | 0.815 |
| Point C | 0.0399 | 1.63 | 0.815 |
| Point D | 0.0355 | 1.63 | 0.815 |

*Test Mode: TM11*

*Test distance: 8cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0327 | 614 | 307 |
| Point F | 0.0312 | 614 | 307 |
| Point A | 0.0376 | 614 | 307 |
| Point B | 0.0353 | 614 | 307 |
| Point C | 0.0331 | 614 | 307 |
| Point D | 0.0386 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0275 | 1.63 | 0.815 |
| Point F | 0.0383 | 1.63 | 0.815 |
| Point A | 0.0374 | 1.63 | 0.815 |
| Point B | 0.0369 | 1.63 | 0.815 |
| Point C | 0.0413 | 1.63 | 0.815 |
| Point D | 0.0385 | 1.63 | 0.815 |

*Test Mode: TM14*

*Test distance: 10cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0170 | 614 | 307 |
| Point F | 0.0185 | 614 | 307 |
| Point A | 0.0186 | 614 | 307 |
| Point B | 0.0178 | 614 | 307 |
| Point C | 0.0181 | 614 | 307 |
| Point D | 0.0192 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0257 | 1.63 | 0.815 |
| Point F | 0.0399 | 1.63 | 0.815 |
| Point A | 0.0365 | 1.63 | 0.815 |
| Point B | 0.0383 | 1.63 | 0.815 |
| Point C | 0.0424 | 1.63 | 0.815 |
| Point D | 0.0412 | 1.63 | 0.815 |

*Test Mode: TM17*

*Test distance: 12cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0156 | 614 | 307 |
| Point F | 0.0193 | 614 | 307 |
| Point A | 0.0174 | 614 | 307 |
| Point B | 0.0159 | 614 | 307 |
| Point C | 0.0145 | 614 | 307 |
| Point D | 0.0172 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0292 | 1.63 | 0.815 |
| Point F | 0.0416 | 1.63 | 0.815 |
| Point A | 0.0381 | 1.63 | 0.815 |
| Point B | 0.0416 | 1.63 | 0.815 |
| Point C | 0.0457 | 1.63 | 0.815 |
| Point D | 0.0422 | 1.63 | 0.815 |

*Test Mode: TM20*

*Test distance: 14cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0169 | 614 | 307 |
| Point F | 0.0205 | 614 | 307 |
| Point A | 0.0163 | 614 | 307 |
| Point B | 0.0171 | 614 | 307 |
| Point C | 0.0156 | 614 | 307 |
| Point D | 0.0191 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0319 | 1.63 | 0.815 |
| Point F | 0.0421 | 1.63 | 0.815 |
| Point A | 0.0393 | 1.63 | 0.815 |
| Point B | 0.0417 | 1.63 | 0.815 |
| Point C | 0.0482 | 1.63 | 0.815 |
| Point D | 0.0395 | 1.63 | 0.815 |

*Test Mode: TM23*

*Test distance: 16cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0183 | 614 | 307 |
| Point F | 0.0219 | 614 | 307 |
| Point A | 0.0182 | 614 | 307 |
| Point B | 0.0196 | 614 | 307 |
| Point C | 0.0162 | 614 | 307 |
| Point D | 0.0224 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0345 | 1.63 | 0.815 |
| Point F | 0.0401 | 1.63 | 0.815 |
| Point A | 0.0412 | 1.63 | 0.815 |
| Point B | 0.0439 | 1.63 | 0.815 |
| Point C | 0.0494 | 1.63 | 0.815 |
| Point D | 0.0386 | 1.63 | 0.815 |

*Test Mode: TM26*

*Test distance: 18cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0191 | 614 | 307 |
| Point F | 0.0186 | 614 | 307 |
| Point A | 0.0194 | 614 | 307 |
| Point B | 0.0205 | 614 | 307 |
| Point C | 0.0188 | 614 | 307 |
| Point D | 0.0247 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0301 | 1.63 | 0.815 |
| Point F | 0.0386 | 1.63 | 0.815 |
| Point A | 0.0372 | 1.63 | 0.815 |
| Point B | 0.0415 | 1.63 | 0.815 |
| Point C | 0.0454 | 1.63 | 0.815 |
| Point D | 0.0323 | 1.63 | 0.815 |

*Test Mode: TM29*

*Test distance: 20cm*

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.0219 | 614 | 307 |
| Point F | 0.0194 | 614 | 307 |
| Point A | 0.0223 | 614 | 307 |
| Point B | 0.0247 | 614 | 307 |
| Point C | 0.0181 | 614 | 307 |
| Point D | 0.0266 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Measure Value (A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.0262 | 1.63 | 0.815 |
| Point F | 0.0355 | 1.63 | 0.815 |
| Point A | 0.0326 | 1.63 | 0.815 |
| Point B | 0.0383 | 1.63 | 0.815 |
| Point C | 0.0394 | 1.63 | 0.815 |
| Point D | 0.0287 | 1.63 | 0.815 |

Using Biot-Savart Law, the value of 0cm can be estimated through the test results of 2cm:

Distance: 0cm

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Valuation(V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 1.9197 | 614 | 307 |
| Point F | 1.6250 | 614 | 307 |
| Point A | 1.7464 | 614 | 307 |
| Point B | 1.5000 | 614 | 307 |
| Point C | 1.4016 | 614 | 307 |
| Point D | 1.5608 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Valuation(A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.7366 | 1.63 | 0.815 |
| Point F | 0.4004 | 1.63 | 0.815 |
| Point A | 0.6552 | 1.63 | 0.815 |
| Point B | 0.6912 | 1.63 | 0.815 |
| Point C | 0.7008 | 1.63 | 0.815 |
| Point D | 0.8104 | 1.63 | 0.815 |

Using Biot-Savart Law, the value of 2cm can be estimated through the test results of 4cm:

Distance: 2cm

| Electric Field Emissions | | | |
|---|---|---|---|
| **Test Position** | **Valuation(V/m)** | **Limit(V/m)** | **50% Limit (V/m)** |
| Point E | 0.5378 | 614 | 307 |
| Point F | 0.4734 | 614 | 307 |
| Point A | 0.2759 | 614 | 307 |
| Point B | 0.2496 | 614 | 307 |
| Point C | 0.2235 | 614 | 307 |
| Point D | 0.2483 | 614 | 307 |
| | | | |
| **Magnetic Field Emissions** | | | |
| **Test Position** | **Valuation(A/m)** | **Limit(A/m)** | **50% Limit (A/m)** |
| Point E | 0.2315 | 1.63 | 0.815 |
| Point F | 0.1128 | 1.63 | 0.815 |
| Point A | 0.1057 | 1.63 | 0.815 |
| Point B | 0.1034 | 1.63 | 0.815 |
| Point C | 0.1104 | 1.63 | 0.815 |
| Point D | 0.1327 | 1.63 | 0.815 |

Biot-Savart Law : $$B = \frac{\mu_0 I R^2}{2(R^2+x^2)^{\frac{3}{2}}}$$

Agreement Ratio

Distance: 2cm

| Electric Field Emissions | | | | |
|---|---|---|---|---|
| **Test Position** | **Measure Value (V/m)** | **Valuation(V/m)** | **Agreement ratio** | **Limit** |
| Point E | 0.4579 | 0.5378 | 16.05% | 30% |
| Point F | 0.3876 | 0.4734 | 19.93% | 30% |
| Point A | 0.2183 | 0.2759 | 23.31% | 30% |
| Point B | 0.1875 | 0.2496 | 28.41% | 30% |
| Point C | 0.1752 | 0.2235 | 24.23% | 30% |
| Point D | 0.1951 | 0.2483 | 24.00% | 30% |
| | | | | |
| **Magnetic Field Emissions** | | | | |
| **Test Position** | **Measure Value (A/m)** | **Valuation(A/m)** | **Agreement ratio** | **Limit** |
| Point E | 0.1757 | 0.2315 | 27.41% | 30% |
| Point F | 0.0955 | 0.1128 | 16.61% | 30% |
| Point A | 0.0819 | 0.1057 | 25.37% | 30% |
| Point B | 0.0864 | 0.1034 | 17.91% | 30% |
| Point C | 0.0876 | 0.1104 | 23.03% | 30% |
| Point D | 0.1013 | 0.1327 | 26.84% | 30% |

Measure Value: MV

Valuation: V

Agreement Ratio: AR

AR=(V-MV)/((V+MV)/2)*100

## 2.5 Measurement Uncertainty

| **Measurement uncertainty** | | |
|---|---|---|
| Parameter | Conditions | Uncertainty |
| Electric Field Emissions | Radiated | ±1.56 (V/m) |
| Magnetic Field Emissions | Radiated | ±0.08(A/m) |

## 2.6 Test Photos

# APPENDIX PHOTOGRAPHS

**Please refer to "ANNEX"**

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