

FCC Test Report

Client Name : Mei Shun He Electronic Limited

Client Address : 301, 8th Building, No.69 Xikeng Road, Xikeng
Community, Fucheng Street, Longhua
District, 518110, Shenzhen City, China

Product Name : Power Bank with Docking Station

Report Date : Aug. 22, 2022

Shenzhen Anbotek Compliance Laboratory Limited



Shenzhen Anbotek Compliance Laboratory Limited

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TEST REPORT

Applicant : Mei Shun He Electronic Limited
Manufacturer : Mei Shun He Electronic Limited
Product Name : Power Bank with Docking Station
Model No. : TR015001, LIM-10PBDS-001, LIM-10PBDS-002, TR307, PB059, TR338
Trade Mark : N.A
Rating(s) : Please refer to page 6
Test Standard(s) : **FCC Part 1.1310, 1.1307(b)**
Test Method(s) : **KDB680106 D01 RF Exposure Wireless Charging Apps v03r01**
TCB Workshop, October 27, 2021.

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the FCC Part 1.1307 & KDB680106 D01 & TCB Workshop, October 27, 2021 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Receipt

Jun. 06, 2022

Date of Test

Jun. 06~13 2022

Prepared By



(TuTu Hong)

Approved & Authorized Signer



(Kingkong Jin)



1. General Information

1.1. Client Information

| | | |
|--------------|---|--|
| Applicant | : | Mei Shun He Electronic Limited |
| Address | : | 301, 8th Building, No.69 Xikeng Road, Xikeng Community, Fucheng Street, Longhua District, 518110, Shenzhen City, China |
| Manufacturer | : | Mei Shun He Electronic Limited |
| Address | : | 301, 8th Building, No.69 Xikeng Road, Xikeng Community, Fucheng Street, Longhua District, 518110, Shenzhen City, China |
| Factory | : | Mei Shun He Electronic Limited |
| Address | : | 301, 8th Building, No.69 Xikeng Road, Xikeng Community, Fucheng Street, Longhua District, 518110, Shenzhen City, China |

1.2. Description of Device (EUT)

| | | |
|---|----------------------|---|
| Product Name | : | Power Bank with Docking Station |
| Model No. | : | TR015001, LIM-10PBDS-001, LIM-10PBDS-002, TR307, PB059, TR338 (Note: These are the models of the Suit device which consists of Wall Adapter, Power Bank and Docking Station. Power Bank with Docking Station for model no. TR015001, LIM-10PBDS-001, LIM-10PBDS-002, Three models are identical with each other except for model number. Wall Adapter for model no. TR307; Power Bank for model no. PB059; Docking Station for model no. TR338 so we prepare "TC015001" for test only.) |
| Trade Mark | : | N.A |
| Test Power Supply | : | DC 3.7V battery inside |
| Test Sample No. | : | 1-2-1(Normal Sample), 1-2-2(Engineering Sample) |
| Product Description | Operation Frequency: | 110.1-205KHz |
| | Modulation Type: | FSK |
| | Antenna Type: | Inductive loop coil Antenna |
| | Antenna Gain(Peak): | 0 dBi (Provided by customer) |
| Remark: 1) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. | | |



1.3. Auxiliary Equipment Used During Test

| | | |
|--------------|---|------------|
| Mobile phone | : | I Phone 11 |
|--------------|---|------------|

1.4. Test Equipment List

| Item | Equipment | Manufacturer | Model No. | Serial No. | Last Cal. | Cal. Interval |
|------|--------------------------------------|--------------|-----------|------------|---------------|---------------|
| 1 | Electric and Magnetic field Analyzer | NARDA | EHP-200A | 180ZX10202 | Nov. 12, 2021 | 1 Year |

1.5. Measurement Uncertainty

| | | |
|-----------------------------|---|-----------------|
| Magnetic Field Reading(A/m) | : | +/-0.04282(A/m) |
| Electric Field Reading(V/m) | : | +/-0.03679(V/m) |



1.6. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 184111

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration No. 184111.

ISED-Registration No.: 8058A

Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (ISED) Innovation, Science and Economic Development Canada. The acceptance letter from the ISED is maintained in our files. Registration 8058A.

Test Location

Shenzhen Anbotek Compliance Laboratory Limited.

1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China. 518102

Rating(s) : For model no.TR015001, LIM-10PBDS-001, LIM-10PBDS-002
Input: 12V= 3.67A (with DC 3.7V, 1000mAh Battery inside)
wireless output power: 5W/7.5W/10W MAX
For model no.TR307
Input:110-240VAC,50/60Hz,1.6A
Output:12VDC/3.67A 44W
For model no.PB059
Input (Type-C1):5VDC/3A,9VDC/2A,12VDC/1.5A
Output:Type-C1:5VDC/3A,9VDC/2A,12VDC/1.5A (18W Max.)
USB-A1:5VDC/2.4A 12W
USB-A2:5VDC/3A,9VDC/2A,12VDC/1.5A (18W Max.)
Wireless:5W/7.5W/10W
Total Output Power:18W Max.
Battery Rating: 10000mAh, 3.7Vdc, 37Wh
For model no.TR338
Input (Type-C3):12VDC/3.67A
Output:Type-C1:5VDC/3A,9VDC/2.22A,12VDC/1.67A (20W Max.)
Type-C2:5VDC/3A,9VDC/2.22A,12VDC/1.67A (20W Max.)
USB-A1:5VDC/3A,9VDC/2A,12VDC/1.5A (18W Max.)
USB-A2:5VDC/3A,9VDC/2A,12VDC/1.5A (18W Max.)
USB-A1+Type-C1:5VDC/3A 15W Max.
USB-A2+Type-C2:5VDC/3A 15W Max.



2. Measurement and Result

2.1. Requirements

According to the item 5.b) of KDB 680106 D01v03:

Inductive wireless power transfer applications that meet all of the following requirements are excluded from submitting an RF exposure evaluation.

- 1) Power transfer frequency is less than 1 MHz
- 2) Output power from each primary coil is less than or equal to 15 watts.
- 3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils
- 4) Client device is inserted in or placed directly in contact with the transmitter
- 5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)
- 6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

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 Exposures | | | | |
| 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 |
| 300-1500 | / | / | f/300 | 6 |
| 1500-100,000 | / | / | 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 |
| 300-1500 | / | / | f/1500 | 30 |
| 1500-100,000 | / | / | 1.0 | 30 |

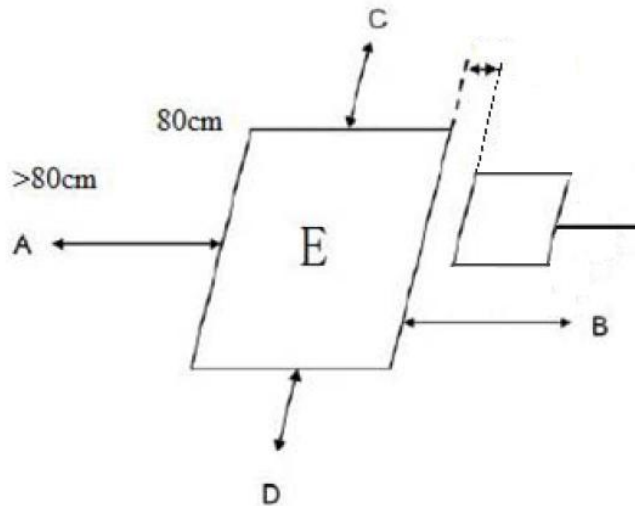
F=frequency in MHz

*=Plane-wave equivalent power density

RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

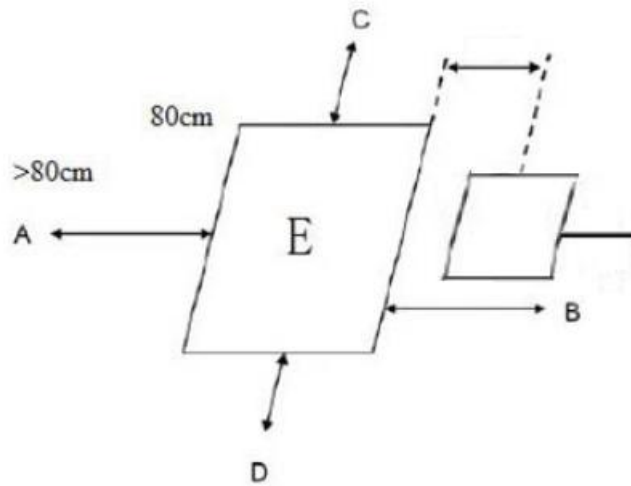


2.2. Test Setup



Note:

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.



Note: Measurements should be made at 15 cm surrounding the EUT and 20cm above the top surface of the EUT. (probe radius is 4.75cm)

2.3. Test Procedure

- 1) The RF exposure test was performed in anechoic chamber.
- 2) The measurement probe was placed at required test distance (from 0 cm to 20 cm, in 2 cm minimum increment) which is between the edge/top surface of the charger and the edge of probe.

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and the measurement probe was placed at required test distance 15cm and 20cm which is between the edge of the charger and the geometric center of probe.

3) The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed. (A is the right, B is the back, C is the left, D is the front, and E is the top side.)

4) The EUT was measured according to the guidance of TCB Workshop, October 27, 2021 and KDB 680106 D01 v03r01.

Remark;

The EUT's test position A, B, C, D and E is valid for the E and H field measurements.

2.4. Test Result

2.4.1. Equipment Approval Considerations item 5.b of KDB 680106 D01 v03.

1) Power transfer frequency is less than 1 MHz

- The device operate in the frequency range 110.1-205KHz.

2) Output power from each primary coil is less than 15 watts

- The maximum output power of the primary coil is 10W.

3) The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils

- The transfer system including a charging system with only single primary coils is to detect and allow only between individual pairs of coils.

4) Client device is inserted in or placed directly in contact with the transmitter

- Client device is placed directly in contact with the transmitter.

5) Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion)

- The EUT is a portable exposure conditions

6) The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

- Conducted the measurement with the required distance and the test results please refer to the section 2.4.



2.4.2. Environmental evaluation and exposure limit according to FCC CFR 47 part 1, 1.1307(b), 1.1310

| | | | |
|--------------|----------|--------------------|------------------------|
| Temperature: | 23.8°C | Relative Humidity: | 52 % |
| Pressure: | 1012 hPa | Test Voltage: | DC 3.7V battery inside |

Between the edge/top surface of the charger and the edge of probe

E-Field Strength at 0 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.44 | 0.53 | 0.48 | 0.49 | 0.61 | 307 | 614 |
| 50% | 110.1-205 | 1.37 | 1.81 | 1.30 | 1.43 | 1.60 | 307 | 614 |
| 99% | 110.1-205 | 2.41 | 2.81 | 2.42 | 2.37 | 2.83 | 307 | 614 |
| Stand-by | 110.1-205 | 0.41 | 0.56 | 0.40 | 0.39 | 0.53 | 307 | 614 |

E-Field Strength at 2 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.41 | 0.50 | 0.45 | 0.46 | 0.58 | 307 | 614 |
| 50% | 110.1-205 | 1.46 | 1.90 | 1.39 | 1.52 | 1.69 | 307 | 614 |
| 99% | 110.1-205 | 2.42 | 2.82 | 2.43 | 2.38 | 2.84 | 307 | 614 |
| Stand-by | 110.1-205 | 0.41 | 0.56 | 0.40 | 0.39 | 0.53 | 307 | 614 |

E-Field Strength at 4 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.40 | 0.49 | 0.44 | 0.45 | 0.57 | 307 | 614 |
| 50% | 110.1-205 | 1.39 | 1.83 | 1.32 | 1.45 | 1.62 | 307 | 614 |
| 99% | 110.1-205 | 2.46 | 2.86 | 2.47 | 2.42 | 2.88 | 307 | 614 |
| Stand-by | 110.1-205 | 0.50 | 0.65 | 0.49 | 0.48 | 0.62 | 307 | 614 |



E-Field Strength at 6 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.33 | 0.42 | 0.37 | 0.38 | 0.50 | 307 | 614 |
| 50% | 110.1-205 | 1.29 | 1.72 | 1.22 | 1.36 | 1.51 | 307 | 614 |
| 99% | 110.1-205 | 2.41 | 2.82 | 2.41 | 2.39 | 2.83 | 307 | 614 |
| Stand-by | 110.1-205 | 0.28 | 0.46 | 0.29 | 0.26 | 0.43 | 307 | 614 |

E-Field Strength at 8 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.31 | 0.40 | 0.35 | 0.36 | 0.48 | 307 | 614 |
| 50% | 110.1-205 | 1.32 | 1.75 | 1.25 | 1.39 | 1.54 | 307 | 614 |
| 99% | 110.1-205 | 2.34 | 2.75 | 2.34 | 2.32 | 2.76 | 307 | 614 |
| Stand-by | 110.1-205 | 0.37 | 0.55 | 0.38 | 0.35 | 0.52 | 307 | 614 |

E-Field Strength at 10 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.28 | 0.37 | 0.32 | 0.33 | 0.45 | 307 | 614 |
| 50% | 110.1-205 | 1.36 | 1.79 | 1.29 | 1.43 | 1.58 | 307 | 614 |
| 99% | 110.1-205 | 2.29 | 2.70 | 2.29 | 2.27 | 2.71 | 307 | 614 |
| Stand-by | 110.1-205 | 0.38 | 0.56 | 0.39 | 0.36 | 0.53 | 307 | 614 |



E-Field Strength at 12 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.25 | 0.33 | 0.29 | 0.29 | 0.40 | 307 | 614 |
| 50% | 110.1-205 | 1.26 | 1.71 | 1.18 | 1.30 | 1.47 | 307 | 614 |
| 99% | 110.1-205 | 2.28 | 2.73 | 2.29 | 2.25 | 2.72 | 307 | 614 |
| Stand-by | 110.1-205 | 0.29 | 0.45 | 0.30 | 0.29 | 0.40 | 307 | 614 |

E-Field Strength at 14 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.23 | 0.31 | 0.27 | 0.27 | 0.38 | 307 | 614 |
| 50% | 110.1-205 | 1.31 | 1.76 | 1.23 | 1.35 | 1.52 | 307 | 614 |
| 99% | 110.1-205 | 2.25 | 2.70 | 2.26 | 2.22 | 2.69 | 307 | 614 |
| Stand-by | 110.1-205 | 0.26 | 0.42 | 0.27 | 0.26 | 0.37 | 307 | 614 |

E-Field Strength at 16 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.21 | 0.29 | 0.25 | 0.25 | 0.36 | 307 | 614 |
| 50% | 110.1-205 | 1.26 | 1.71 | 1.18 | 1.30 | 1.47 | 307 | 614 |
| 99% | 110.1-205 | 2.33 | 2.78 | 2.34 | 2.30 | 2.77 | 307 | 614 |
| Stand-by | 110.1-205 | 0.36 | 0.52 | 0.37 | 0.36 | 0.47 | 307 | 614 |



E-Field Strength at 18 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.18 | 0.24 | 0.17 | 0.18 | 0.32 | 307 | 614 |
| 50% | 110.1-205 | 1.16 | 1.61 | 1.09 | 1.23 | 1.41 | 307 | 614 |
| 99% | 110.1-205 | 2.26 | 2.65 | 2.22 | 2.20 | 2.66 | 307 | 614 |
| Stand-by | 110.1-205 | 0.15 | 0.30 | 0.13 | 0.15 | 0.26 | 307 | 614 |

E-Field Strength at 20 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.17 | 0.23 | 0.16 | 0.17 | 0.31 | 307 | 614 |
| 50% | 110.1-205 | 1.18 | 1.63 | 1.11 | 1.25 | 1.43 | 307 | 614 |
| 99% | 110.1-205 | 2.17 | 2.56 | 2.13 | 2.11 | 2.57 | 307 | 614 |
| Stand-by | 110.1-205 | 0.17 | 0.32 | 0.15 | 0.17 | 0.28 | 307 | 614 |

H-Field Strength at 0 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.030 | 0.052 | 0.058 | 0.042 | 0.052 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.37 | 0.46 | 0.36 | 0.36 | 0.53 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.48 | 0.66 | 0.55 | 0.37 | 0.36 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.52 | 0.34 | 0.44 | 0.56 | 0.42 | 0.815 | 1.63 |

H-Field Strength at 2 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.029 | 0.051 | 0.057 | 0.041 | 0.051 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.38 | 0.47 | 0.37 | 0.37 | 0.54 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.50 | 0.68 | 0.57 | 0.39 | 0.38 | 0.815 | 1.63 |



| | | | | | | | | |
|----------|-----------|------|------|------|------|------|-------|------|
| Stand-by | 110.1-205 | 0.50 | 0.32 | 0.42 | 0.54 | 0.40 | 0.815 | 1.63 |
|----------|-----------|------|------|------|------|------|-------|------|

H-Field Strength at 4 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.028 | 0.050 | 0.056 | 0.040 | 0.050 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.40 | 0.49 | 0.39 | 0.39 | 0.56 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.51 | 0.69 | 0.58 | 0.40 | 0.39 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.55 | 0.37 | 0.47 | 0.59 | 0.45 | 0.815 | 1.63 |

H-Field Strength at 6 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.027 | 0.049 | 0.055 | 0.039 | 0.049 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.29 | 0.40 | 0.30 | 0.29 | 0.46 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.41 | 0.60 | 0.51 | 0.31 | 0.29 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.47 | 0.30 | 0.37 | 0.50 | 0.35 | 0.815 | 1.63 |

H-Field Strength at 8 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.027 | 0.049 | 0.055 | 0.039 | 0.049 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.24 | 0.35 | 0.25 | 0.24 | 0.41 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.44 | 0.63 | 0.54 | 0.34 | 0.32 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.49 | 0.32 | 0.39 | 0.52 | 0.37 | 0.815 | 1.63 |

H-Field Strength at 10 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.026 | 0.048 | 0.054 | 0.038 | 0.048 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.24 | 0.35 | 0.25 | 0.24 | 0.41 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.39 | 0.58 | 0.49 | 0.29 | 0.27 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.43 | 0.26 | 0.33 | 0.46 | 0.31 | 0.815 | 1.63 |



H-Field Strength at 12 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.025 | 0.047 | 0.053 | 0.037 | 0.047 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.23 | 0.32 | 0.23 | 0.19 | 0.36 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.27 | 0.43 | 0.32 | 0.15 | 0.14 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.34 | 0.14 | 0.25 | 0.34 | 0.21 | 0.815 | 1.63 |

H-Field Strength at 14 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.025 | 0.047 | 0.053 | 0.037 | 0.047 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.21 | 0.30 | 0.21 | 0.17 | 0.34 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.26 | 0.42 | 0.31 | 0.14 | 0.13 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.32 | 0.12 | 0.23 | 0.32 | 0.19 | 0.815 | 1.63 |

H-Field Strength at 16 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.024 | 0.046 | 0.052 | 0.036 | 0.046 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.17 | 0.26 | 0.17 | 0.13 | 0.30 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.37 | 0.53 | 0.42 | 0.25 | 0.24 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.36 | 0.16 | 0.27 | 0.36 | 0.23 | 0.815 | 1.63 |

H-Field Strength at 18 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.024 | 0.046 | 0.052 | 0.036 | 0.046 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.21 | 0.25 | 0.19 | 0.16 | 0.31 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.27 | 0.38 | 0.27 | 0.12 | 0.11 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.29 | 0.08 | 0.18 | 0.33 | 0.18 | 0.815 | 1.63 |



H-Field Strength at 20 cm

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.024 | 0.046 | 0.052 | 0.036 | 0.046 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.14 | 0.18 | 0.12 | 0.09 | 0.24 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.31 | 0.42 | 0.31 | 0.16 | 0.15 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.34 | 0.13 | 0.23 | 0.38 | 0.23 | 0.815 | 1.63 |

Between the edge of the charger and the geometric center of probe

E-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (V/m) | Limits Test (V/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.27 | 0.35 | 0.31 | 0.31 | 0.42 | 307 | 614 |
| 50% | 110.1-205 | 1.34 | 1.79 | 1.26 | 1.38 | 1.55 | 307 | 614 |
| 99% | 110.1-205 | 2.31 | 2.76 | 2.32 | 2.28 | 2.75 | 307 | 614 |
| Stand-by | 110.1-205 | 0.33 | 0.49 | 0.34 | 0.33 | 0.44 | 307 | 614 |

H-Field Strength at 15 cm surrounding the EUT and 20cm above the top surface of the EUT

| Battery power | Frequency Range (KHz) | Test Position A | Test Position B | Test Position C | Test Position D | Test Position E | Reference Limit (A/m) | Limits Test (A/m) |
|---------------|-----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------------|-------------------|
| 1% | 110.1-205 | 0.025 | 0.047 | 0.053 | 0.037 | 0.047 | 0.815 | 1.63 |
| 50% | 110.1-205 | 0.18 | 0.27 | 0.18 | 0.14 | 0.31 | 0.815 | 1.63 |
| 99% | 110.1-205 | 0.34 | 0.50 | 0.39 | 0.22 | 0.21 | 0.815 | 1.63 |
| Stand-by | 110.1-205 | 0.34 | 0.14 | 0.25 | 0.34 | 0.21 | 0.815 | 1.63 |

Note: (1) Position E is top side. (2) All the situation (full load, half load and empty load) has been tested, only the worst situation (full load 10W) was recorded in the report. (3) All three axes the device has been tested, only the worst results reported). (4) All positions have been tested, only display photos of Position E and A in the report.



APPENDIX I -- TEST SETUP PHOTOGRAPH

Please refer to separated files Appendix I -- Test Setup Photograph

----- End of Report -----

