

 Report No.: 18220WC30268302
 FCC ID: 2APU5-MPBC500
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# **FCC Test Report**

Applicant: JMTek Industries( Shenzhen) Co.,LtdAddress: 14G, Innovation Tech Building , Quanzhi<br/>Science and Technology innovation Park,<br/>ShaJing Street, Bao'an District, ShenZhen,<br/>China

Product Name

Wireless Power Bank Instruction Manual

Report Date

Mar. 06, 2024



#### Shenzhen Anbotek Compliance Laboratory Limited

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# TEST REPORT

| Applicant :           | JMTek Industries( Shenzhen) Co.,Ltd  |
|-----------------------|--|
| Manufacturer :        | JMTek Industries( Shenzhen) Co.,Ltd  |
| Product Name :        | Wireless Power Bank Instruction Manual   |
| Test Model No.        | MPBC500  |
| Reference Model No. : | MPBC500B, MPBC500W   |
| Trade Mark :          | N/A And a house And a house  |
|                       | Type C input: 5V 3A 9V 2A 12V 1.5A   |
| Rating(s) :           | Type C Output: 5V <sup></sup> 3A 9V <sup></sup> 2.22A 12V <sup></sup> 1.67A<br>Wireless Output: 15W<br>Built lightning cable:5V <sup></sup> 2A |
|                       | Built Type C cable: 5V 3A 9V 2A 12V 1.5A<br>Battery: DC 3.7V, 5000mAh  |
| Test Standard(s) : F  | FCC Part 1.1310, 1.1307(b)   |
| Test Method(s)        | KDB680106 D01 RF Exposure Wireless Charging Apps v04<br>October 25, 2023 TCB Workshop  |
|                       |  |

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 25, 2023 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 Date of Test Dec. 19, 2023 Dec. 19~26, 2023

Flla Jan

Prepared By

(Ella Liang)

Idward pan

(Edward Pan)

Shenzhen Anbotek Compliance Laboratory Limited

Approved & Authorized Signer

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| Anos | otek     | Anbotek | Aupe  | atek pi            | nbotek      | Anboren | And | Anbotek      | Anbo      |
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# **Revision History**

#### Shenzhen Anbotek Compliance Laboratory Limited

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#### Code:AB-RF-05-b

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# 1. General Information

## 1.1. Client Information

| Applicant    | : | JMTek Industries( Shenzhen) Co.,Ltd  |
|--------------|---|--|
| Address      | : | 14G, Innovation Tech Building , Quanzhi Science and Technology innovation Park, ShaJing Street, Bao'an District, ShenZhen, China |
| Manufacturer | : | JMTek Industries( Shenzhen) Co.,Ltd  |
| Address      | : | 14G, Innovation Tech Building , Quanzhi Science and Technology innovation Park, ShaJing Street, Bao'an District, ShenZhen, China |
| Factory      | : | JMTek Industries( Shenzhen) Co.,Ltd  |
| Address      | : | 14G, Innovation Tech Building , Quanzhi Science and Technology innovation Park, ShaJing Street, Bao'an District, ShenZhen, China |

### 1.2. Description of Device (EUT)

| Product Name        | : | Wireless Power Bank Instruction Manual   |
|---------------------|---|--|
| Test Model No.      | : | MPBC500  |
| Reference Model No. | : | MPBC500B, MPBC500W<br>(Note: All samples are the same except the Plastic shell materials and<br>colors and charging cable color, so we prepare "MPBC500" for test only.) |
| Trade Mark          | : | N/A Andrew Andrew Andrew Andrew  |
| Test Power Supply   | : | AC 120V, 60Hz for adapter/ DC 3.7V battery inside  |
| Test Sample No.     | : | 1-2-1(Normal Sample), 1-2-2(Engineering Sample)  |
| Adapter             | : | N/A hore prover prover prover prover prover prover   |
| RF Specification    |   |  |
| Operation Frequency | : | 110.1-205kHz   |
| Modulation Type     | : | ASK Anborek Anborek Anborek Anborek Anborek  |
| Antenna Type        | : | Inductive loop coil Antenna  |
| Antenna Gain(Peak)  | : | 0 dBi (Provided by customer)   |
| 101                 |   | specification are provided by customer. 2) For a more detailed features<br>o the manufacturer's specifications or the User's Manual.                                     |

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#### 1.3. Auxiliary Equipment Used During Test

| Description    | Rating(s)  |
|----------------|--|
| Mobile Phone   | iPhone 13  |
| Adapter        | Model: MDY-11-EX   |
| hotek Anboter  | Input: 100-240V-0.7A, 50-60Hz                            |
| And stek anbot | USB-A output: 5V-3A, 9V-3A, 12V-2.25A, 20V-1.35A, 11V-3A |

#### 1.4. Test Equipment List

|    | ltem      | Equipment                                  | Manufacturer | Model No. | Serial No. | Last Cal.     | Cal. Interval |
|----|-----------|--|--------------|-----------|------------|---------------|---------------|
| E. | Anbo<br>1 | Electric and<br>Magnetic field<br>Analyzer | NARDA        | EHP-200A  | 180ZX10202 | Oct. 16, 2023 | 1 Year        |

#### 1.5. Measurement Uncertainty

|   | Parameter                   | Uncertainty     |      |         |        |          |
|---|-----------------------------|-----------------|------|---------|--------|----------|
| 2 | Magnetic Field Reading(A/m) | +/-0.04282(A/m) | Anbo | Anbotek | Anbote | Anthotek |
|   | Electric Field Reading(V/m) | +/-0.03679(V/m) | Anbo | Anbotek | Anboro | Ann      |

#### 1.6. Description of Test Facility

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

#### FCC-Registration No.: 434132

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. 434132.

#### 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.

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## 2. Measurement and Result

#### 2.1. Requirements

According to the item 5.b) of KDB 680106 D01v04:

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

(1) The power transfer frequency is below 1 MHz.

(2) The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.

(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)

(4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-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.

(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.

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| Frequency range<br>(MHz) | Electric field strength<br>(V/m) | Magnetic field strength<br>(A/m) | Power density<br>(mW/cm <sup>2</sup> ) | Averaging time<br>(minutes) |
|--------------------------|----------------------------------|----------------------------------|--|-----------------------------|
|                          | (A) Limits for Occ               | cupational/Controlled Ex         | posures                                |                             |
| 0.3-3.0                  | 614                              | 1.63                             | *(100)                                 | 6                           |
| 3.0-30                   | 1842/f                           | 4.89/f                           | *(900/f <sup>2</sup> )                 | 6                           |
| 30-300                   | 61.4                             | 0.163                            | 1.0                                    | 6                           |
| 300-1500                 | 1                                | 1                                | f/300                                  | 6                           |
| 1500-100,000             | 1                                | 1                                | 5                                      | 6                           |
|                          | (B) Limits for Genera            | l Population/Uncontrolle         | ed Exposure                            | 19                          |
| 0.3-1.34                 | 614                              | 1.63                             | *(100)                                 | 30                          |
| 1.34-30                  | 824/f                            | 2.19/f                           | *(180/f <sup>2</sup> )                 | 30                          |
| 30-300                   | 27.5                             | 0.073                            | 0.2                                    | 30                          |
| 300-1500                 | 1                                | 1                                | f/1500                                 | 30                          |
| 1500-100,000             | 1                                | 1                                | 1.0                                    | 30                          |

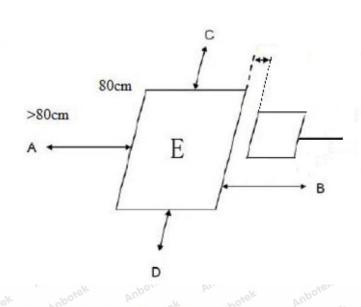
#### Limits For Maximum Permissible Exposure (MPE)

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



#### Shenzhen Anbotek Compliance Laboratory Limited

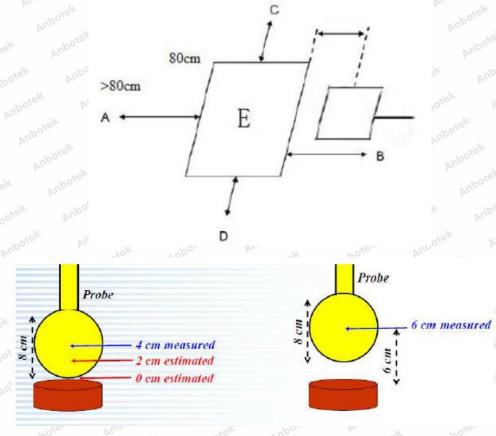
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#### Note:

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.

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 dictates of TCB Workshop, October 25, 2023 and KDB 680106 D01 v04.

#### Remark;

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

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#### 2.4. Test Result

- 2.4.1. Equipment Approval Considerations item 5.b of KDB 680106 D01 v04.
- (1) The power transfer frequency is below 1 MHz.
- The device operate in the frequency range 110.1-205kHz.
- (2) The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.The maximum output power of the primary coil is 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)
- The surfaces of the transmitter and client device enclosures is in physical contact.
- (4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover §
- 2.1093-Portable exposure conditions).
- The EUT is a 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.

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

- (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.
  - The EUT is one radiating structure.

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

| Temperature: | 25.8°C  | Relative Humidity: | 51 %                   |
|--------------|---------|--------------------|------------------------|
| Pressure:    | 101 kPa | Test Voltage:      | DC 3.7V battery inside |

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

| E-Field St       | rength               |                       |                           |                           |                           |                           |                           |                                 |                         |
|------------------|----------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|-------------------------|
| Test<br>distance | Battery<br>power     | Test<br>Position<br>A | Test<br>Positio<br>n<br>B | Test<br>Positio<br>n<br>C | Test<br>Positio<br>n<br>D | Test<br>Positio<br>n<br>E | Test<br>Positio<br>n<br>F | Referen<br>ce<br>Limit<br>(V/m) | Limits<br>Test<br>(V/m) |
| Anbo             | , notel              | Anbo                  | EUT Bas                   | e support i               | input + Sta               | ndby                      |                           | hotek                           | Anbore                  |
| Anbore           | 1%                   | 0.374                 | 0.466                     | 0.393                     | 0.391                     | 0.499                     | 0.401                     | 307                             | 614                     |
| 0cm              | 50%                  | 1.462                 | 1.940                     | 1.399                     | 1.558                     | 1.716                     | 1.424                     | 307                             | 614                     |
| hotek            | 99%                  | 2.475                 | 2.927                     | 2.532                     | 2.467                     | 2.967                     | 2.562                     | 307                             | 614                     |
| Anbotek          | EUT Base s           | upport inpu           | ut + iPhon                | e 13 opera                | ating (10%                | electric q                | uantity wo                | rst case)                       | Anbotek                 |
| Anboter          | 1%                   | 0.350                 | 0.441                     | 0.353                     | 0.339                     | 0.450                     | 0.414                     | 307                             | 614                     |
| 0,2,4cm          | 50%                  | 1.461                 | 1.905                     | 1.428                     | 1.575                     | 1.687                     | 1.440                     | 307                             | 614                     |
| er Ar            | 99%                  | 2.373                 | 2.838                     | 2.416                     | 2.378                     | 2.867                     | 2.461                     | 307                             | 614                     |
| borsotek         | 1%                   | 0.397                 | 0.485                     | 0.394                     | 0.379                     | 0.495                     | 0.306                     | 307 📈                           | 614                     |
| 6cm              | 50%                  | 1.424                 | 1.863                     | 1.394                     | 1.534                     | 1.669                     | 1.379                     | 307                             | 614                     |
| Antonbot         | 99%                  | 2.351                 | 2.808                     | 2.354                     | 2.329                     | 2.824                     | 2.371                     | 307                             | 614                     |
| ok An            | o <sup>otek</sup> 1% | 0.305                 | 0.422                     | 0.324                     | 0.299                     | 0.405                     | 0.319                     | 307                             | 614                     |
| 8cm              | 50%                  | 1.421                 | 1.480                     | 1.370                     | 1.400                     | 1.529                     | 1.405                     | 307                             | 614                     |
| Anbotek          | 99%                  | 2.372                 | 2.831                     | 2.382                     | 2.361                     | 2.828                     | 2.297                     | 307                             | 614                     |
| Anboten          | 1%                   | 0.316                 | 0.462                     | 0.319                     | 0.303                     | 0.422                     | 0.305                     | 307                             | 614                     |
| 10cm             | 50%                  | 1.304                 | 1.413                     | 1.304                     | 1.336                     | 1.529                     | 1.291                     | 307                             | 614                     |
| K Ant            | 99%                  | 2.347                 | 2.806                     | 2.347                     | 2.341                     | 2.796                     | 2.311                     | 307                             | 614                     |
| 12 am            | 1%                   | 0.199                 | 0.316                     | 0.201                     | 0.241                     | 0.295                     | 0.306                     | at 307 🔊                        | 614                     |
| IZCIII           | 50%                  | 1.293                 | 1.423                     | 1.302                     | 1.331                     | 1.461                     | 1.309                     | 307                             | 614                     |
| Anochote         | 99%                  | 2.351                 | 2.775                     | 2.282                     | 2.333                     | 2.771                     | 2.441                     | 307                             | 614                     |
| - P              | yek sob              | of P                  | 112 - V-                  | Lotet                     | Anbo                      |                           | -tek                      | aboter                          | bur                     |

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| E-Field St       | rength           |                       |                           |                           | _                         |                           |                           |                                 |                         |
|------------------|------------------|-----------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|-------------------------|
| Test<br>distance | Battery<br>power | Test<br>Position<br>A | Test<br>Positio<br>n<br>B | Test<br>Positio<br>n<br>C | Test<br>Positio<br>n<br>D | Test<br>Positio<br>n<br>E | Test<br>Positio<br>n<br>F | Referen<br>ce<br>Limit<br>(V/m) | Limits<br>Test<br>(V/m) |
| Anbote           | 1%               | 0.257                 | 0.361                     | 0.248                     | 0.229                     | 0.361                     | 0.298                     | 307                             | 614                     |
| 14cm             | 50%              | 1.281                 | 1.395                     | 1.286                     | 1.287                     | 1.446                     | 1.317                     | 307                             | 614                     |
| otek p           | 99%              | 2.253                 | 2.688                     | 2.190                     | 2.296                     | 2.676                     | 2.355                     | 307 💦                           | 614                     |
| nboten           | 1%               | 0.199                 | 0.306                     | 0.245                     | 0.197                     | 0.313                     | 0.255                     | 307                             | 614                     |
| 16cm             | 50%              | 1.206                 | 1.386                     | 1.263                     | 1.223                     | 1.392                     | 1.282                     | 307                             | 614                     |
| Anbore           | 99%              | 2.234                 | 2.682                     | 2.159                     | 2.210                     | 2.651                     | 2.262                     | 307                             | 614                     |
| stek A           | 1%               | 0.184                 | 0.326                     | 0.220                     | 0.196                     | 0.329                     | 0.250                     | 307                             | 614                     |
| 18cm             | 50%              | 1.259                 | 1.356                     | 1.246                     | 1.257                     | 1.455                     | 1.246                     | 307                             | 614                     |
| Anbotek          | 99%              | 2.238                 | 2.681                     | 2.221                     | 2.215                     | 2.706                     | 2.216                     | 307                             | 614                     |
| Anbotek          | 1%               | 0.200                 | 0.336                     | 0.226                     | 0.213                     | 0.314                     | 0.136                     | 307                             | 614                     |
| 20cm             | 50%              | 1.289                 | 1.363                     | 1.277                     | 1.287                     | 1.482                     | 1.257                     | 307                             | 614                     |
| hotek Ar         | 99%              | 2.201                 | 2.649                     | 2.198                     | 2.175                     | 2.713                     | 2.220                     | 307                             | 614                     |

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|                      |                         | <b>-</b>                  | -                         | -                         | <b>-</b>                  | -                         | <b>-</b>                  | 5.                              |                        |
|----------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|------------------------|
| Test<br>distanc<br>e | Battery<br>power        | Test<br>Positio<br>n<br>A | Test<br>Positio<br>n<br>B | Test<br>Positio<br>n<br>C | Test<br>Positio<br>n<br>D | Test<br>Positio<br>n<br>E | Test<br>Positio<br>n<br>F | Referenc<br>e<br>Limit<br>(A/m) | Limits<br>Test<br>(A/m |
|                      | 0.00                    | ~                         |                           |                           |                           |                           |                           | (A/III)                         |                        |
| And                  | otek An                 | potek                     | EUT Ba                    | se suppor                 | t input + S               | Standby                   | And hotek                 | Anbotek                         | P.C                    |
| An                   | 1%                      | 0.113                     | 0.132                     | 0.135                     | 0.123                     | 0.131                     | 0.021                     | 0.815                           | 1.63                   |
| 0cm                  | 50%                     | 0.450                     | 0.526                     | 0.435                     | 0.410                     | 0.645                     | 0.456                     | 0.815                           | 1.63                   |
| nbo.                 | 99%                     | 0.497                     | 0.676                     | 0.569                     | 0.371                     | 0.386                     | 0.453                     | 0.815                           | 1.63                   |
| Anusbote             | EUT Base                | support inp               | out + iPho                | ne 13 ope                 | rating (10                | % electric                | quantity                  | worst case)                     | Aupo                   |
| k par                | o <sup>net</sup> 1% pri | 0.126                     | 0.146                     | 0.150                     | 0.135                     | 0.154                     | 0.105                     | 0.815                           | 1.63                   |
| 0,2,4cm              | 50%                     | 0.380                     | 0.450                     | 0.367                     | 0.365                     | 0.578                     | 0.455                     | 0.815                           | 1.63                   |
| nbotek               | 99%                     | 0.477                     | 0.656                     | 0.560                     | 0.366                     | 0.366                     | 0.550                     | 0.815                           | 1.63                   |
| Anbotek              | 1%                      | 0.129                     | 0.148                     | 0.149                     | 0.137                     | 0.144                     | 0.127                     | 0.815                           | 1.63                   |
| 6cm                  | 50%                     | 0.345                     | 0.419                     | 0.316                     | 0.339                     | 0.546                     | 0.378                     | 0.815                           | 1.63                   |
| Anbr                 | 99%                     | 0.511                     | 0.757                     | 0.585                     | 0.457                     | 0.454                     | 0.489                     | 0.815                           | 1.63                   |
| iek A                | 1%                      | 0.177                     | 0.195                     | 0.193                     | 0.184                     | 0.191                     | 0.120                     | 0.815                           | 1.63                   |
| 8cm                  | 50%                     | 0.446                     | 0.483                     | 0.479                     | 0.432                     | 0.642                     | 0.414                     | 0.815                           | 1.63                   |
|                      | 99%                     | 0.410                     | 0.596                     | 0.416                     | 0.317                     | 0.340                     | 0.455                     | 0.815                           | 1.63                   |
| Prilos               | 1% 🔊                    | 0.181                     | 0.199                     | 0.197                     | 0.188                     | 0.195                     | 0.111                     | 0.815                           | 1.63                   |
| 10cm                 | 50%                     | 0.392                     | 0.448                     | 0.366                     | 0.397                     | 0.607                     | 0.368                     | 0.815                           | 1.63                   |
| ootek                | 99%                     | 0.462                     | 0.615                     | 0.502                     | 0.405                     | 0.414                     | 0.403                     | 0.815                           | 1.63                   |
| Anbotek              | 1%                      | 0.156                     | 0.175                     | 0.174                     | 0.163                     | 0.172                     | 0.151                     | 0.815                           | 1.63                   |
| 12cm                 | 50%                     | 0.344                     | 0.392                     | 0.312                     | 0.343                     | 0.544                     | 0.394                     | 0.815                           | 1.63                   |
| Anbot                | 99%                     | 0.400                     | 0.588                     | 0.471                     | 0.337                     | 0.327                     | 0.320                     | 0.815                           | 1.63                   |

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| H-Field S            | trength          |                           | <i>N</i>                  |                           | <u>10. V</u>              | <u> </u>                  |                           |                                 | <u></u>                 |
|----------------------|------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|-------------------------|
| Test<br>distanc<br>e | Battery<br>power | Test<br>Positio<br>n<br>A | Test<br>Positio<br>n<br>B | Test<br>Positio<br>n<br>C | Test<br>Positio<br>n<br>D | Test<br>Positio<br>n<br>E | Test<br>Positio<br>n<br>F | Referenc<br>e<br>Limit<br>(A/m) | Limits<br>Test<br>(A/m) |
| Anbot                | 1%               | 0.073                     | 0.092                     | 0.091                     | 0.080                     | 0.117                     | 0.156                     | 0.815                           | 1.63                    |
| 14cm                 | 50%              | 0.322                     | 0.411                     | 0.307                     | 0.331                     | 0.572                     | 0.299                     | 0.815                           | 1.63                    |
| botek                | 99%              | 0.363                     | 0.586                     | 0.423                     | 0.331                     | 0.323                     | 0.403                     | 0.815                           | 1.63                    |
| Anbotek              | 1%               | 0.184                     | 0.203                     | 0.226                     | 0.190                     | 0.199                     | 0.129                     | 0.815                           | 1.63                    |
| 16cm                 | 50%              | 0.231                     | 0.311                     | 0.247                     | 0.263                     | 0.452                     | 0.296                     | 0.815                           | 1.63                    |
| Anborr               | 99%              | 0.337                     | 0.543                     | 0.367                     | 0.263                     | 0.257                     | 0.448                     | 0.815                           | 1.63                    |
| ootek I              | 1%               | 0.122                     | 0.135                     | 0.133                     | 0.124                     | 0.131                     | 0.173                     | 0.815                           | 1.63                    |
| 18cm                 | 50%              | 0.225                     | 0.329                     | 0.238                     | 0.282                     | 0.462                     | 0.320                     | 0.815                           | 1.63                    |
|                      | 99%              | 0.371                     | 0.554                     | 0.429                     | 0.315                     | 0.304                     | 0.356                     | 0.815                           | 1.63                    |
| Anbore               | 1%               | 0.057                     | 0.076                     | 0.081                     | 0.064                     | 0.073                     | 0.158                     | 0.815                           | 1.63                    |
| 20cm                 | 50%              | 0.266                     | 0.397                     | 0.276                     | 0.310                     | 0.488                     | 0.313                     | 0.815                           | 1.63                    |
| nbotek A             | 99%              | 0.328                     | 0.418                     | 0.410                     | 0.296                     | 0.277                     | 0.254                     | 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 15W) 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.

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# **APPENDIX I -- TEST SETUP PHOTOGRAPH**

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

# **APPENDIX II -- EXTERNAL PHOTOGRAPH**

Please refer to separated files Appendix II -- External Photograph

# **APPENDIX III -- INTERNAL PHOTOGRAPH**

Please refer to separated files Appendix III -- Internal Photograph

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

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