

# Test Report

**Report No.:** MTi210706005-01E4

**Date of issue:** 2022-07-07

**Applicant:** ShiftCam Limited

**Product:** ProGrip

**Model(s):** PG0001, PG-GP-XX-XX

**FCC ID:** 2A7IM-PG0001

Shenzhen Microtest Co., Ltd.

<http://www.mtitest.com>

## Instructions

1. This test report shall not be partially reproduced without the written consent of the laboratory.
2. The test results in this test report are only responsible for the samples submitted
3. This test report is invalid without the seal and signature of the laboratory.
4. This test report is invalid if transferred, altered, or tampered with in any form without authorization.
5. Any objection to this test report shall be submitted to the laboratory within 15 days from the date of receipt of the report.

# Contents

|          |                                                                           |           |
|----------|---------------------------------------------------------------------------|-----------|
| <b>1</b> | <b>General Description .....</b>                                          | <b>5</b>  |
| 1.1      | Description of the EUT .....                                              | 5         |
| 1.2      | Description of test modes .....                                           | 5         |
| 1.3      | Description of support units .....                                        | 6         |
| <b>2</b> | <b>Test facilities and accreditations .....</b>                           | <b>7</b>  |
| 2.1      | Test laboratory .....                                                     | 7         |
| <b>3</b> | <b>List of test equipment .....</b>                                       | <b>7</b>  |
| <b>4</b> | <b>Test result.....</b>                                                   | <b>8</b>  |
| 4.2      | Test setup .....                                                          | 9         |
| 4.3      | Test Procedures.....                                                      | 10        |
| 4.4      | Equipment Approval Considerations item 5 b) of KDB 680106 D01 v03r01..... | 11        |
| 4.5      | Test results .....                                                        | 12        |
|          | <b>Photographs of the test setup.....</b>                                 | <b>24</b> |
|          | <b>Photographs of the EUT .....</b>                                       | <b>24</b> |

| Test Result Certification  |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| <b>Applicant:</b>          | <b>ShiftCam Limited</b>                                                                  |
| Address:                   | Unit 10, 7/ F, Goldfield Industrial Centre, 1 Sui Wo Road, Fo Tan, Shatin, NT, Hong Kong |
| <b>Manufacturer:</b>       | <b>ShiftCam Limited</b>                                                                  |
| Address:                   | Unit 10, 7/ F, Goldfield Industrial Centre, 1 Sui Wo Road, Fo Tan, Shatin, NT, Hong Kong |
| <b>Product description</b> |                                                                                          |
| Product name:              | ProGrip                                                                                  |
| Trademark:                 | ShiftCam                                                                                 |
| Model name:                | PG0001                                                                                   |
| Serial Model:              | PG-GP-XX-XX                                                                              |
| Standards:                 | FCC CFR 47 PART 1, § 1.1310                                                              |
| Test method:               | KDB 680106 v03r01                                                                        |
| <b>Date of Test</b>        |                                                                                          |
| Date of test:              | 2021-08-09 ~ 2022-07-04                                                                  |
| Test result:               | Pass                                                                                     |

Test Engineer :



(Danny Xu)

Reviewed By :



(Leon Chen)

Approved By :



(Tom Xue)

## 1 General Description

### 1.1 Description of the EUT

|                          |                                                                                             |
|--------------------------|---------------------------------------------------------------------------------------------|
| Product name:            | ProGrip                                                                                     |
| Model name:              | PG0001                                                                                      |
| Series Model:            | PG-GP-XX-XX                                                                                 |
| Model difference:        | All the models are the same circuit and RF module, except the Plastic Color and model name. |
| Electrical rating:       | Input: Type C 5V/3A, 9V/2A<br>Output: Type C 5V/3A, 9V/2A, 12V/1.5A<br>Wireless: 5W         |
| Accessories:             | 1. USB-C to USB-C cable (1.2 m)                                                             |
| <b>RF specification:</b> |                                                                                             |
| Operation frequency:     | transmitter 1: 115 kHz – 205 kHz                                                            |
| Modulation type:         | ASK                                                                                         |
| Antenna type:            | Coil Antenna                                                                                |

### 1.2 Description of test modes

All the test modes were carried out with the EUT in normal operation, the final test mode of the EUT was the worst test mode for emission test, which was shown in this report and defined as:

| No.                                                    | Emission test modes  |
|--------------------------------------------------------|----------------------|
| Mode 1                                                 | Stand-by mode        |
| Mode 2                                                 | Wireless output (5W) |
| <b>The test data only show worst test mode: Mode 2</b> |                      |

### 1.3 Description of support units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| Support equipment list |              |             |                                   |
|------------------------|--------------|-------------|-----------------------------------|
| Description            | Model        | Serial No.  | Manufacturer                      |
| Android phone          | S9           | R28K34V79NT | Samsung                           |
| Adapter                | HW-090200CH0 | /           | Huizhou BYD Electronics Co., Ltd. |
| Support cable list     |              |             |                                   |
| Description            | Length (m)   | From        | To                                |
| /                      | /            | /           | /                                 |

## 2 Test facilities and accreditations

### 2.1 Test laboratory

|                        |                                                                                                                                       |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Test laboratory:       | Shenzhen Microtest Co., Ltd.                                                                                                          |
| Test site location:    | 101, No. 7, Zone 2, Xinxing Industrial Park, Fuhai Avenue, Xinhe Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China |
| Telephone:             | (86-755)88850135                                                                                                                      |
| Fax:                   | (86-755)88850136                                                                                                                      |
| CNAS Registration No.: | CNAS L5868                                                                                                                            |
| FCC Registration No.:  | 448573                                                                                                                                |

## 3 List of test equipment

| No.      | Equipment                                    | Manufacturer | Model    | Serial No. | Cal. date  | Cal. Due   |
|----------|----------------------------------------------|--------------|----------|------------|------------|------------|
| MTI-E115 | Electric and Magnetic Field Probe – Analyzer | Narda        | EHP-200A | 101166     | 2021/06/02 | 2024/06/01 |

## 4 Test result

### 4.1.1 Requirement

§1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency (RF) radiation as specified in §1.1307(b), except in the case of portable devices which shall be evaluated according to the provisions of FCC part 2.1093 of this chapter.

**Table 1 to §1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)**

| 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) |
|-----------------------------------------------------------------|----------------------------------|----------------------------------|----------------------------------------|-----------------------------|
| <b>(i) Limits for Occupational/Controlled Exposure</b>          |                                  |                                  |                                        |                             |
| 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                                                        |                                  |                                  | f/300                                  | <6                          |
| 1500-100000                                                     |                                  |                                  | 5                                      | <6                          |
| <b>(ii) Limits for General Population/Uncontrolled Exposure</b> |                                  |                                  |                                        |                             |
| 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                                                        |                                  |                                  | f/1500                                 | <30                         |
| 1500-100000                                                     |                                  |                                  | 1.0                                    | <30                         |

f = frequency in MHz

\* = Plane-wave equivalent power density

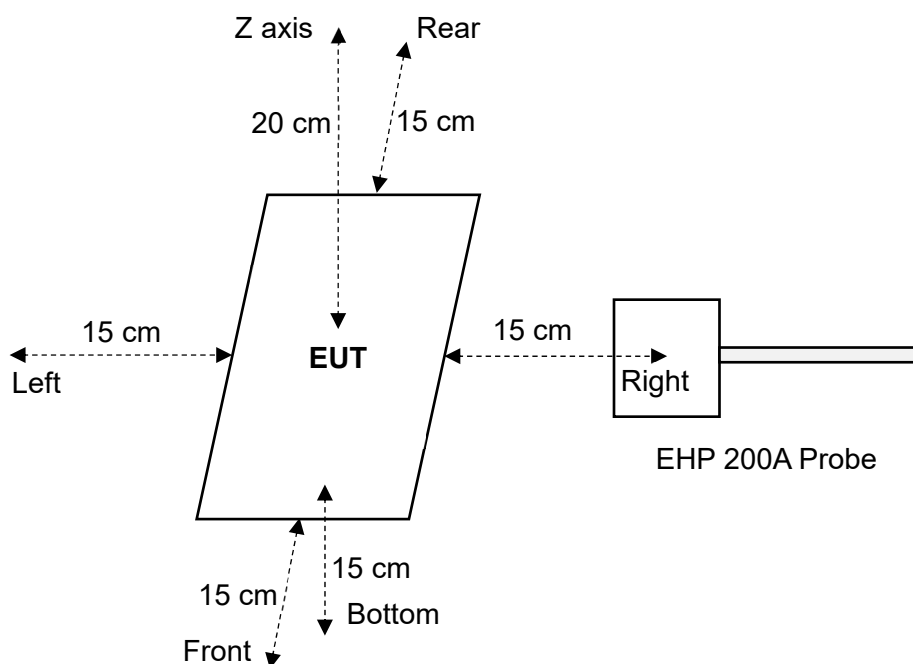
**Note 1:** Occupational/controlled exposure limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure.

**Note 2:** General population/uncontrolled exposure limits apply in situations in which the general public may be exposed, or in which persons who are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

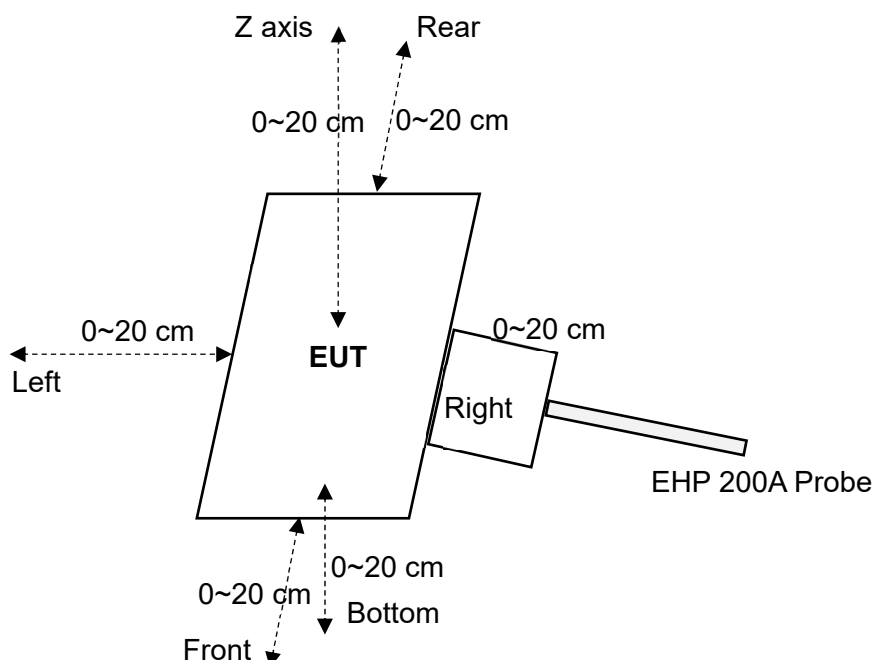


## 4.2 Test setup

For mobile exposure conditions:



For portable exposure conditions:



### 4.3 Test Procedures

**For mobile exposure conditions:**

- a. The RF exposure test was performed in anechoic chamber.
- b. E and H-field measurements should be made with the center of the probe at a distance of 15 cm surrounding the EUT and 20 cm above the top surface of the primary/client pair.
- c. The highest emission level was recorded and compared with limit.
- d. The EUT was measured according to the dictates of KDB 680106 v03r01.

**For portable exposure conditions:**

- a. The RF exposure test was performed in anechoic chamber.
- b. Perform H-field measurements for each edge/top surface of the host/client pair at every 2 cm, starting from as close as possible out to 20 cm
- c. The highest emission level was recorded and compared with limit.

#### 4.4 Equipment Approval Considerations item 5 b) of KDB 680106 D01 v03r01

| Requirement                                                                                                                                                                                                                                                                                             | Device                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1. Power transfer frequency is less than 1 MHz.                                                                                                                                                                                                                                                         | Yes. The operating frequencies: 115 kHz – 205 kHz                                                                                    |
| 2. Output power from each primary coil is less than or equal to 15 watts                                                                                                                                                                                                                                | Yes. The maximum output power: 5W                                                                                                    |
| 3. The system may consist of more than one source primary coils, charging one or more clients. If more than one primary coil is present, the coil pairs may be powered on at the same time.                                                                                                             | Yes. The EUT have one source primary coils.                                                                                          |
| 4. Client device is placed directly in contact with the transmitter.                                                                                                                                                                                                                                    | Yes. The client device is placed directly in contact with the transmitter.                                                           |
| 5. Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).                                                                                                                                                                                                    | No. The EUT can be used as potable exposure conditions                                                                               |
| 6. The aggregate H-field strengths anywhere at or beyond 15 cm surrounding the device, and 20 cm away from the surface from all coils that by design can simultaneously transmit, and while those coils are simultaneously energized, are demonstrated to be less than 50% of the applicable MPE limit. | No.<br>For the portable exposure conditions, the measurement was taken based on the KDB inquiry.<br>See the test result in item 4.5. |

#### 4.5 Test results

| Test condition 1: Mode 2 (15% battery status of client device) – Setup 1 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 0                  | 0.8587      | 1.63          | 88.50%              |
| Left                                                                     |                    | 1.2903      |               |                     |
| Right                                                                    |                    | 1.1565      |               |                     |
| Front                                                                    |                    | 0.5081      |               |                     |
| Rear                                                                     |                    | 0.4807      |               |                     |
| Bottom                                                                   |                    | 1.4425      |               |                     |
| Z axis                                                                   | 2                  | 0.6511      | 1.63          | 68.29%              |
| Left                                                                     |                    | 0.9411      |               |                     |
| Right                                                                    |                    | 0.8558      |               |                     |
| Front                                                                    |                    | 0.3724      |               |                     |
| Rear                                                                     |                    | 0.2928      |               |                     |
| Bottom                                                                   |                    | 1.1131      |               |                     |
| Z axis                                                                   | 4                  | 0.4919      | 1.63          | 51.96%              |
| Left                                                                     |                    | 0.8017      |               |                     |
| Right                                                                    |                    | 0.6778      |               |                     |
| Front                                                                    |                    | 0.3196      |               |                     |
| Rear                                                                     |                    | 0.2196      |               |                     |
| Bottom                                                                   |                    | 0.8469      |               |                     |
| Z axis                                                                   | 6                  | 0.4495      | 1.63          | 48.81%              |
| Left                                                                     |                    | 0.6977      |               |                     |
| Right                                                                    |                    | 0.6542      |               |                     |
| Front                                                                    |                    | 0.3141      |               |                     |
| Rear                                                                     |                    | 0.2754      |               |                     |
| Bottom                                                                   |                    | 0.7956      |               |                     |
| Z axis                                                                   | 8                  | 0.356       | 1.63          | 42.17%              |
| Left                                                                     |                    | 0.6546      |               |                     |
| Right                                                                    |                    | 0.5379      |               |                     |
| Front                                                                    |                    | 0.156       |               |                     |
| Rear                                                                     |                    | 0.2751      |               |                     |
| Bottom                                                                   |                    | 0.6873      |               |                     |
| Z axis                                                                   | 10                 | 0.355       | 1.63          | 36.15%              |
| Left                                                                     |                    | 0.5211      |               |                     |
| Right                                                                    |                    | 0.4929      |               |                     |
| Front                                                                    |                    | 0.1893      |               |                     |
| Rear                                                                     |                    | 0.1867      |               |                     |
| Bottom                                                                   |                    | 0.5893      |               |                     |
| Z axis                                                                   | 12                 | 0.2567      | 1.63          | 30.83%              |
| Left                                                                     |                    | 0.4504      |               |                     |
| Right                                                                    |                    | 0.3935      |               |                     |
| Front                                                                    |                    | 0.2055      |               |                     |
| Rear                                                                     |                    | 0.1534      |               |                     |
| Bottom                                                                   |                    | 0.5026      |               |                     |

| Test condition 1: Mode 2 (15% battery status of client device) – Setup 1 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 14                 | 0.2381      | 1.63          | 24.40%              |
| Left                                                                     |                    | 0.3978      |               |                     |
| Right                                                                    |                    | 0.3458      |               |                     |
| Front                                                                    |                    | 0.1032      |               |                     |
| Rear                                                                     |                    | 0.1067      |               |                     |
| Bottom                                                                   |                    | 0.3921      |               |                     |
| Z axis                                                                   | 16                 | 0.1251      | 1.63          | 16.55%              |
| Left                                                                     |                    | 0.1375      |               |                     |
| Right                                                                    |                    | 0.1417      |               |                     |
| Front                                                                    |                    | 0.0695      |               |                     |
| Rear                                                                     |                    | 0.0603      |               |                     |
| Bottom                                                                   |                    | 0.2697      |               |                     |
| Z axis                                                                   | 18                 | 0.1532      | 1.63          | 9.40%               |
| Left                                                                     |                    | 0.0569      |               |                     |
| Right                                                                    |                    | 0.062       |               |                     |
| Front                                                                    |                    | 0.0561      |               |                     |
| Rear                                                                     |                    | 0.0481      |               |                     |
| Bottom                                                                   |                    | 0.1504      |               |                     |
| Z axis                                                                   | 20                 | 0.0605      | 1.63          | 3.71%               |
| Left                                                                     |                    | 0.0544      |               |                     |
| Right                                                                    |                    | 0.0519      |               |                     |
| Front                                                                    |                    | 0.0487      |               |                     |
| Rear                                                                     |                    | 0.0553      |               |                     |
| Bottom                                                                   |                    | 0.0483      |               |                     |

| Test condition 2: Mode 2 (50% battery status of client device) – Setup 1 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 0                  | 0.9201      | 1.63          | 88.96%              |
| Left                                                                     |                    | 1.3303      |               |                     |
| Right                                                                    |                    | 1.1825      |               |                     |
| Front                                                                    |                    | 0.5563      |               |                     |
| Rear                                                                     |                    | 0.4402      |               |                     |
| Bottom                                                                   |                    | 1.4501      |               |                     |
| Z axis                                                                   | 2                  | 0.5935      | 1.63          | 65.39%              |
| Left                                                                     |                    | 0.9988      |               |                     |
| Right                                                                    |                    | 0.8006      |               |                     |
| Front                                                                    |                    | 0.3149      |               |                     |
| Rear                                                                     |                    | 0.3016      |               |                     |
| Bottom                                                                   |                    | 1.0658      |               |                     |
| Z axis                                                                   | 4                  | 0.5582      | 1.63          | 55.36%              |
| Left                                                                     |                    | 0.7417      |               |                     |
| Right                                                                    |                    | 0.6349      |               |                     |
| Front                                                                    |                    | 0.3644      |               |                     |
| Rear                                                                     |                    | 0.2104      |               |                     |
| Bottom                                                                   |                    | 0.9023      |               |                     |
| Z axis                                                                   | 6                  | 0.5042      | 1.63          | 50.15%              |
| Left                                                                     |                    | 0.6726      |               |                     |
| Right                                                                    |                    | 0.6273      |               |                     |
| Front                                                                    |                    | 0.307       |               |                     |
| Rear                                                                     |                    | 0.2899      |               |                     |
| Bottom                                                                   |                    | 0.8174      |               |                     |
| Z axis                                                                   | 8                  | 0.4031      | 1.63          | 44.77%              |
| Left                                                                     |                    | 0.6659      |               |                     |
| Right                                                                    |                    | 0.5628      |               |                     |
| Front                                                                    |                    | 0.0973      |               |                     |
| Rear                                                                     |                    | 0.2661      |               |                     |
| Bottom                                                                   |                    | 0.7297      |               |                     |
| Z axis                                                                   | 10                 | 0.3427      | 1.63          | 39.83%              |
| Left                                                                     |                    | 0.4997      |               |                     |
| Right                                                                    |                    | 0.49        |               |                     |
| Front                                                                    |                    | 0.1977      |               |                     |
| Rear                                                                     |                    | 0.1218      |               |                     |
| Bottom                                                                   |                    | 0.6492      |               |                     |
| Z axis                                                                   | 12                 | 0.2504      | 1.63          | 30.94%              |
| Left                                                                     |                    | 0.5043      |               |                     |
| Right                                                                    |                    | 0.3731      |               |                     |
| Front                                                                    |                    | 0.1994      |               |                     |
| Rear                                                                     |                    | 0.1244      |               |                     |
| Bottom                                                                   |                    | 0.4889      |               |                     |

| Test condition 2: Mode 2 (50% battery status of client device) – Setup 1 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 14                 | 0.2138      | 1.63          | 23.76%              |
| Left                                                                     |                    | 0.3873      |               |                     |
| Right                                                                    |                    | 0.3733      |               |                     |
| Front                                                                    |                    | 0.1133      |               |                     |
| Rear                                                                     |                    | 0.1478      |               |                     |
| Bottom                                                                   |                    | 0.3333      |               |                     |
| Z axis                                                                   | 16                 | 0.1424      | 1.63          | 17.94%              |
| Left                                                                     |                    | 0.1366      |               |                     |
| Right                                                                    |                    | 0.1943      |               |                     |
| Front                                                                    |                    | 0.0572      |               |                     |
| Rear                                                                     |                    | 0.0511      |               |                     |
| Bottom                                                                   |                    | 0.2924      |               |                     |
| Z axis                                                                   | 18                 | 0.2047      | 1.63          | 12.56%              |
| Left                                                                     |                    | 0.1124      |               |                     |
| Right                                                                    |                    | 0.0898      |               |                     |
| Front                                                                    |                    | 0.0611      |               |                     |
| Rear                                                                     |                    | 0.0516      |               |                     |
| Bottom                                                                   |                    | 0.1463      |               |                     |
| Z axis                                                                   | 20                 | 0.0534      | 1.63          | 4.37%               |
| Left                                                                     |                    | 0.0713      |               |                     |
| Right                                                                    |                    | 0.0513      |               |                     |
| Front                                                                    |                    | 0.0436      |               |                     |
| Rear                                                                     |                    | 0.0507      |               |                     |
| Bottom                                                                   |                    | 0.0412      |               |                     |

| Test condition 3: Mode 2 (85% battery status of client device) – Setup 1 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 0                  | 0.9644      | 1.63          | 85.95%              |
| Left                                                                     |                    | 1.3144      |               |                     |
| Right                                                                    |                    | 1.1642      |               |                     |
| Front                                                                    |                    | 0.5426      |               |                     |
| Rear                                                                     |                    | 0.4475      |               |                     |
| Bottom                                                                   |                    | 1.401       |               |                     |
| Z axis                                                                   | 2                  | 0.557       | 1.63          | 66.74%              |
| Left                                                                     |                    | 0.9403      |               |                     |
| Right                                                                    |                    | 0.7503      |               |                     |
| Front                                                                    |                    | 0.2883      |               |                     |
| Rear                                                                     |                    | 0.3391      |               |                     |
| Bottom                                                                   |                    | 1.0879      |               |                     |
| Z axis                                                                   | 4                  | 0.6059      | 1.63          | 55.64%              |
| Left                                                                     |                    | 0.7495      |               |                     |
| Right                                                                    |                    | 0.6707      |               |                     |
| Front                                                                    |                    | 0.3623      |               |                     |
| Rear                                                                     |                    | 0.1557      |               |                     |
| Bottom                                                                   |                    | 0.9069      |               |                     |
| Z axis                                                                   | 6                  | 0.4793      | 1.63          | 48.66%              |
| Left                                                                     |                    | 0.6865      |               |                     |
| Right                                                                    |                    | 0.6328      |               |                     |
| Front                                                                    |                    | 0.3327      |               |                     |
| Rear                                                                     |                    | 0.27        |               |                     |
| Bottom                                                                   |                    | 0.7932      |               |                     |
| Z axis                                                                   | 8                  | 0.3749      | 1.63          | 44.55%              |
| Left                                                                     |                    | 0.6493      |               |                     |
| Right                                                                    |                    | 0.5789      |               |                     |
| Front                                                                    |                    | 0.1311      |               |                     |
| Rear                                                                     |                    | 0.2673      |               |                     |
| Bottom                                                                   |                    | 0.7262      |               |                     |
| Z axis                                                                   | 10                 | 0.3423      | 1.63          | 37.16%              |
| Left                                                                     |                    | 0.5596      |               |                     |
| Right                                                                    |                    | 0.5016      |               |                     |
| Front                                                                    |                    | 0.146       |               |                     |
| Rear                                                                     |                    | 0.1727      |               |                     |
| Bottom                                                                   |                    | 0.6057      |               |                     |
| Z axis                                                                   | 12                 | 0.2659      | 1.63          | 34.90%              |
| Left                                                                     |                    | 0.5689      |               |                     |
| Right                                                                    |                    | 0.3148      |               |                     |
| Front                                                                    |                    | 0.2179      |               |                     |
| Rear                                                                     |                    | 0.1468      |               |                     |
| Bottom                                                                   |                    | 0.5211      |               |                     |



| Test condition 3: Mode 2 (85% battery status of client device) – Setup 1 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 14                 | 0.2673      | 1.63          | 25.50%              |
| Left                                                                     |                    | 0.4157      |               |                     |
| Right                                                                    |                    | 0.3263      |               |                     |
| Front                                                                    |                    | 0.0687      |               |                     |
| Rear                                                                     |                    | 0.1273      |               |                     |
| Bottom                                                                   |                    | 0.3514      |               |                     |
| Z axis                                                                   | 16                 | 0.1332      | 1.63          | 16.29%              |
| Left                                                                     |                    | 0.1272      |               |                     |
| Right                                                                    |                    | 0.1678      |               |                     |
| Front                                                                    |                    | 0.0526      |               |                     |
| Rear                                                                     |                    | 0.0512      |               |                     |
| Bottom                                                                   |                    | 0.2656      |               |                     |
| Z axis                                                                   | 18                 | 0.177       | 1.63          | 10.86%              |
| Left                                                                     |                    | 0.1511      |               |                     |
| Right                                                                    |                    | 0.1214      |               |                     |
| Front                                                                    |                    | 0.0505      |               |                     |
| Rear                                                                     |                    | 0.0845      |               |                     |
| Bottom                                                                   |                    | 0.0994      |               |                     |
| Z axis                                                                   | 20                 | 0.0437      | 1.63          | 3.27%               |
| Left                                                                     |                    | 0.0516      |               |                     |
| Right                                                                    |                    | 0.0428      |               |                     |
| Front                                                                    |                    | 0.0533      |               |                     |
| Rear                                                                     |                    | 0.0508      |               |                     |
| Bottom                                                                   |                    | 0.0491      |               |                     |

| Test condition 4: Mode 2 (15% battery status of client device) – Setup 2 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 0                  | 0.8495      | 1.63          | 86.34%              |
| Left                                                                     |                    | 0.6577      |               |                     |
| Right                                                                    |                    | 0.5936      |               |                     |
| Front                                                                    |                    | 0.8976      |               |                     |
| Rear                                                                     |                    | 0.2569      |               |                     |
| Bottom                                                                   |                    | 1.4074      |               |                     |
| Z axis                                                                   | 2                  | 0.6544      | 1.63          | 71.48%              |
| Left                                                                     |                    | 0.4085      |               |                     |
| Right                                                                    |                    | 0.3929      |               |                     |
| Front                                                                    |                    | 0.7936      |               |                     |
| Rear                                                                     |                    | 0.1698      |               |                     |
| Bottom                                                                   |                    | 1.1652      |               |                     |
| Z axis                                                                   | 4                  | 0.5039      | 1.63          | 50.87%              |
| Left                                                                     |                    | 0.2691      |               |                     |
| Right                                                                    |                    | 0.2149      |               |                     |
| Front                                                                    |                    | 0.7408      |               |                     |
| Rear                                                                     |                    | 0.0966      |               |                     |
| Bottom                                                                   |                    | 0.8292      |               |                     |
| Z axis                                                                   | 6                  | 0.478       | 1.63          | 49.66%              |
| Left                                                                     |                    | 0.1651      |               |                     |
| Right                                                                    |                    | 0.1913      |               |                     |
| Front                                                                    |                    | 0.5353      |               |                     |
| Rear                                                                     |                    | 0.0724      |               |                     |
| Bottom                                                                   |                    | 0.8094      |               |                     |
| Z axis                                                                   | 8                  | 0.3035      | 1.63          | 42.24%              |
| Left                                                                     |                    | 0.122       |               |                     |
| Right                                                                    |                    | 0.075       |               |                     |
| Front                                                                    |                    | 0.3772      |               |                     |
| Rear                                                                     |                    | 0.0651      |               |                     |
| Bottom                                                                   |                    | 0.6885      |               |                     |
| Z axis                                                                   | 10                 | 0.3271      | 1.63          | 39.86%              |
| Left                                                                     |                    | 0.0976      |               |                     |
| Right                                                                    |                    | 0.0583      |               |                     |
| Front                                                                    |                    | 0.2105      |               |                     |
| Rear                                                                     |                    | 0.0506      |               |                     |
| Bottom                                                                   |                    | 0.6497      |               |                     |
| Z axis                                                                   | 12                 | 0.3223      | 1.63          | 32.91%%             |
| Left                                                                     |                    | 0.0769      |               |                     |
| Right                                                                    |                    | 0.0544      |               |                     |
| Front                                                                    |                    | 0.1267      |               |                     |
| Rear                                                                     |                    | 0.0483      |               |                     |
| Bottom                                                                   |                    | 0.5364      |               |                     |

| Test condition 4: Mode 2 (15% battery status of client device) – Setup 2 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 14                 | 0.214       | 1.63          | 25.84%              |
| Left                                                                     |                    | 0.0522      |               |                     |
| Right                                                                    |                    | 0.0522      |               |                     |
| Front                                                                    |                    | 0.0844      |               |                     |
| Rear                                                                     |                    | 0.0491      |               |                     |
| Bottom                                                                   |                    | 0.4212      |               |                     |
| Z axis                                                                   | 16                 | 0.1658      | 1.63          | 13.37%              |
| Left                                                                     |                    | 0.0498      |               |                     |
| Right                                                                    |                    | 0.0515      |               |                     |
| Front                                                                    |                    | 0.0697      |               |                     |
| Rear                                                                     |                    | 0.0551      |               |                     |
| Bottom                                                                   |                    | 0.2179      |               |                     |
| Z axis                                                                   | 18                 | 0.0973      | 1.63          | 6.64%               |
| Left                                                                     |                    | 0.0522      |               |                     |
| Right                                                                    |                    | 0.0488      |               |                     |
| Front                                                                    |                    | 0.0573      |               |                     |
| Rear                                                                     |                    | 0.0526      |               |                     |
| Bottom                                                                   |                    | 0.1083      |               |                     |
| Z axis                                                                   | 20                 | 0.071       | 1.63          | 4.36%               |
| Left                                                                     |                    | 0.0469      |               |                     |
| Right                                                                    |                    | 0.0488      |               |                     |
| Front                                                                    |                    | 0.0516      |               |                     |
| Rear                                                                     |                    | 0.0579      |               |                     |
| Bottom                                                                   |                    | 0.0566      |               |                     |

| Test condition 5: Mode 2 (50% battery status of client device) – Setup 2 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 0                  | 0.8191      | 1.63          | 86.95%              |
| Left                                                                     |                    | 0.6544      |               |                     |
| Right                                                                    |                    | 0.6428      |               |                     |
| Front                                                                    |                    | 0.8676      |               |                     |
| Rear                                                                     |                    | 0.3096      |               |                     |
| Bottom                                                                   |                    | 1.4173      |               |                     |
| Z axis                                                                   | 2                  | 0.6486      | 1.63          | 69.99%              |
| Left                                                                     |                    | 0.4498      |               |                     |
| Right                                                                    |                    | 0.3568      |               |                     |
| Front                                                                    |                    | 0.7807      |               |                     |
| Rear                                                                     |                    | 0.1647      |               |                     |
| Bottom                                                                   |                    | 1.1408      |               |                     |
| Z axis                                                                   | 4                  | 0.5513      | 1.63          | 49.52%              |
| Left                                                                     |                    | 0.2168      |               |                     |
| Right                                                                    |                    | 0.2281      |               |                     |
| Front                                                                    |                    | 0.7599      |               |                     |
| Rear                                                                     |                    | 0.0868      |               |                     |
| Bottom                                                                   |                    | 0.8072      |               |                     |
| Z axis                                                                   | 6                  | 0.518       | 1.63          | 47.15%              |
| Left                                                                     |                    | 0.1658      |               |                     |
| Right                                                                    |                    | 0.1253      |               |                     |
| Front                                                                    |                    | 0.5611      |               |                     |
| Rear                                                                     |                    | 0.096       |               |                     |
| Bottom                                                                   |                    | 0.7686      |               |                     |
| Z axis                                                                   | 8                  | 0.3251      | 1.63          | 42.57%              |
| Left                                                                     |                    | 0.1526      |               |                     |
| Right                                                                    |                    | 0.0462      |               |                     |
| Front                                                                    |                    | 0.3878      |               |                     |
| Rear                                                                     |                    | 0.0728      |               |                     |
| Bottom                                                                   |                    | 0.6939      |               |                     |
| Z axis                                                                   | 10                 | 0.3848      | 1.63          | 38.56%              |
| Left                                                                     |                    | 0.1636      |               |                     |
| Right                                                                    |                    | 0.078       |               |                     |
| Front                                                                    |                    | 0.1672      |               |                     |
| Rear                                                                     |                    | 0.0466      |               |                     |
| Bottom                                                                   |                    | 0.6286      |               |                     |
| Z axis                                                                   | 12                 | 0.3096      | 1.63          | 34.56%              |
| Left                                                                     |                    | 0.0961      |               |                     |
| Right                                                                    |                    | 0.0485      |               |                     |
| Front                                                                    |                    | 0.1503      |               |                     |
| Rear                                                                     |                    | 0.0525      |               |                     |
| Bottom                                                                   |                    | 0.5634      |               |                     |

| Test condition 5: Mode 2 (50% battery status of client device) – Setup 2 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 14                 | 0.2597      | 1.63          | 23.29%              |
| Left                                                                     |                    | 0.0671      |               |                     |
| Right                                                                    |                    | 0.0526      |               |                     |
| Front                                                                    |                    | 0.0486      |               |                     |
| Rear                                                                     |                    | 0.0686      |               |                     |
| Bottom                                                                   |                    | 0.3797      |               |                     |
| Z axis                                                                   | 16                 | 0.2254      | 1.63          | 14.26%              |
| Left                                                                     |                    | 0.0501      |               |                     |
| Right                                                                    |                    | 0.0489      |               |                     |
| Front                                                                    |                    | 0.1009      |               |                     |
| Rear                                                                     |                    | 0.0472      |               |                     |
| Bottom                                                                   |                    | 0.2325      |               |                     |
| Z axis                                                                   | 18                 | 0.0805      | 1.63          | 6.85%               |
| Left                                                                     |                    | 0.1052      |               |                     |
| Right                                                                    |                    | 0.0408      |               |                     |
| Front                                                                    |                    | 0.0993      |               |                     |
| Rear                                                                     |                    | 0.0633      |               |                     |
| Bottom                                                                   |                    | 0.1116      |               |                     |
| Z axis                                                                   | 20                 | 0.0526      | 1.63          | 5.45%               |
| Left                                                                     |                    | 0.0512      |               |                     |
| Right                                                                    |                    | 0.0888      |               |                     |
| Front                                                                    |                    | 0.0682      |               |                     |
| Rear                                                                     |                    | 0.0631      |               |                     |
| Bottom                                                                   |                    | 0.0579      |               |                     |

| Test condition 6: Mode 2 (85% battery status of client device) – Setup 2 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 0                  | 0.8049      | 1.63          | 85.36%              |
| Left                                                                     |                    | 0.7003      |               |                     |
| Right                                                                    |                    | 0.6516      |               |                     |
| Front                                                                    |                    | 0.8839      |               |                     |
| Rear                                                                     |                    | 0.3407      |               |                     |
| Bottom                                                                   |                    | 1.3914      |               |                     |
| Z axis                                                                   | 2                  | 0.6936      | 1.63          | 70.77%              |
| Left                                                                     |                    | 0.4703      |               |                     |
| Right                                                                    |                    | 0.3974      |               |                     |
| Front                                                                    |                    | 0.8288      |               |                     |
| Rear                                                                     |                    | 0.1676      |               |                     |
| Bottom                                                                   |                    | 1.1536      |               |                     |
| Z axis                                                                   | 4                  | 0.5638      | 1.63          | 47.36%              |
| Left                                                                     |                    | 0.1805      |               |                     |
| Right                                                                    |                    | 0.2448      |               |                     |
| Front                                                                    |                    | 0.7601      |               |                     |
| Rear                                                                     |                    | 0.1366      |               |                     |
| Bottom                                                                   |                    | 0.772       |               |                     |
| Z axis                                                                   | 6                  | 0.5015      | 1.63          | 45.88%              |
| Left                                                                     |                    | 0.1398      |               |                     |
| Right                                                                    |                    | 0.0699      |               |                     |
| Front                                                                    |                    | 0.5218      |               |                     |
| Rear                                                                     |                    | 0.1413      |               |                     |
| Bottom                                                                   |                    | 0.7479      |               |                     |
| Z axis                                                                   | 8                  | 0.3368      | 1.63          | 41.64%              |
| Left                                                                     |                    | 0.1007      |               |                     |
| Right                                                                    |                    | 0.0664      |               |                     |
| Front                                                                    |                    | 0.447       |               |                     |
| Rear                                                                     |                    | 0.1349      |               |                     |
| Bottom                                                                   |                    | 0.6788      |               |                     |
| Z axis                                                                   | 10                 | 0.4437      | 1.63          | 40.85%              |
| Left                                                                     |                    | 0.1467      |               |                     |
| Right                                                                    |                    | 0.144       |               |                     |
| Front                                                                    |                    | 0.1305      |               |                     |
| Rear                                                                     |                    | 0.1079      |               |                     |
| Bottom                                                                   |                    | 0.6658      |               |                     |
| Z axis                                                                   | 12                 | 0.3041      | 1.63          | 33.18%              |
| Left                                                                     |                    | 0.06        |               |                     |
| Right                                                                    |                    | 0.0767      |               |                     |
| Front                                                                    |                    | 0.1247      |               |                     |
| Rear                                                                     |                    | 0.0546      |               |                     |
| Bottom                                                                   |                    | 0.5409      |               |                     |

| Test condition 6: Mode 2 (85% battery status of client device) – Setup 2 |                    |             |               |                     |
|--------------------------------------------------------------------------|--------------------|-------------|---------------|---------------------|
| Probe Position                                                           | Test Distance (cm) | Measurement | H-field (A/m) |                     |
|                                                                          |                    |             | Limit         | Max. Percentage (%) |
| Z axis                                                                   | 14                 | 0.2672      | 1.63          | 20.84%              |
| Left                                                                     |                    | 0.0499      |               |                     |
| Right                                                                    |                    | 0.0523      |               |                     |
| Front                                                                    |                    | 0.078       |               |                     |
| Rear                                                                     |                    | 0.1123      |               |                     |
| Bottom                                                                   |                    | 0.3397      |               |                     |
| Z axis                                                                   | 16                 | 0.2542      | 1.63          | 15.60%              |
| Left                                                                     |                    | 0.0422      |               |                     |
| Right                                                                    |                    | 0.0508      |               |                     |
| Front                                                                    |                    | 0.0614      |               |                     |
| Rear                                                                     |                    | 0.0532      |               |                     |
| Bottom                                                                   |                    | 0.2221      |               |                     |
| Z axis                                                                   | 18                 | 0.0929      | 1.63          | 6.94%               |
| Left                                                                     |                    | 0.0862      |               |                     |
| Right                                                                    |                    | 0.0826      |               |                     |
| Front                                                                    |                    | 0.0646      |               |                     |
| Rear                                                                     |                    | 0.0699      |               |                     |
| Bottom                                                                   |                    | 0.1131      |               |                     |
| Z axis                                                                   | 20                 | 0.0519      | 1.63          | 5.07%               |
| Left                                                                     |                    | 0.0565      |               |                     |
| Right                                                                    |                    | 0.0598      |               |                     |
| Front                                                                    |                    | 0.0826      |               |                     |
| Rear                                                                     |                    | 0.0578      |               |                     |
| Bottom                                                                   |                    | 0.0686      |               |                     |

## Photographs of the test setup

See the APPENDIX - Test Setup Photo.

## Photographs of the EUT

See the APPENDIX - EUT Photos.

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