

**FCC Part 1 Subpart I  
FCC Part 2 Subpart J**

**TEST REPORT**

**FOR**

**GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, WPT & NFC**

**FCC ID: PY7-76732V**

**REPORT NUMBER: R14777340-E9**

**ISSUE DATE: 2023-06-30**

**Prepared for  
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## REVISION HISTORY

| Rev. | Issue Date | Revisions     | Revised By   |
|------|------------|---------------|--------------|
| V1   | 2023-06-30 | Initial Issue | Brian Kiewra |

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# 1. ATTESTATION OF TEST RESULTS

**COMPANY NAME:** Sony Corporation  
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Tokyo, 108-0075, Japan

**EUT DESCRIPTION:** GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, WPT & NFC

**SERIAL NUMBER:** QV770028HJ (Source), QV770005HJ (Load), QV770066HJ (Load), QV77000RHJ (Load)

**SAMPLE RECEIPT DATE:** 2023-05-26

**DATE TESTED:** 2023-06-06 to 2023-06-09

| APPLICABLE STANDARDS                    |              |
|---|--------------|
| STANDARD                                | TEST RESULTS |
| FCC PART 1 SUBPART I & PART 2 SUBPART J | Complies     |

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

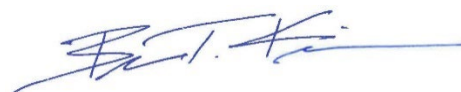
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Approved & Released  
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## 2. TEST METHODOLOGY

All testing / calculations were made in accordance with FCC KDB 447498 D01, KDB 447498 D03, KDB 680106 D01 v03r01.

## 3. FACILITIES AND ACCREDITATION

UL LLC is accredited by A2LA, certification # 0751.06, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

|                                     | Address  | ISED CABID | ISED Company Number | FCC Registration |
|-------------------------------------|--|------------|---------------------|------------------|
| <input type="checkbox"/>            | Building:<br>12 Laboratory Dr<br>RTP, NC 27709, U.S.A                        | US0067     | 2180C               | 825374           |
| <input checked="" type="checkbox"/> | Building:<br>2800 Perimeter Park Dr. Suite B<br>Morrisville, NC 27560, U.S.A |            | 27265               |                  |

## 4. DECISION RULES AND MEASUREMENT UNCERTAINTY

### 4.1. METROLOGICAL TRACEABILITY

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

### 4.2. DECISION RULES

For all tests where the applicable  $U_{LAB} \leq U_{MAX}$  the Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2, where  $U_{MAX} = 30\%$  (0.3) for RF Exposure evaluations. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

For all tests where the applicable  $U_{LAB} > U_{MAX}$  the Decision Rule is based on Guarded Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.3.2, with a guard band equal to  $(U_{LAB} - U_{MAX})$ , where  $U_{MAX} = 30\%$  (0.3) for RF Exposure evaluations. (Test results are adjusted by the value of the guard band to determine conformity with a specified requirement.)

### 4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

| PARAMETER                                 | $U_{Lab}$     |
|---|---------------|
| Magnetic Field using Exposure Level Meter | $\pm 0.80$ dB |
| Electric Field using Exposure Level Meter | $\pm 0.91$ dB |
| Time                                      | 3.39%         |

Uncertainty figures are valid to a confidence level of 95%,  $k = 2$ .

## 5. EQUIPMENT UNDER TEST

### 5.1. DESCRIPTION OF EUT

The EUT is a GSM/WCDMA/LTE/5G Phone with BT, DTS/UNII a/b/g/n/ac/ax, GPS, WPT & NFC. This test report covers WPT testing. The device can function as a WPT charger operating from 111-148kHz.

While WPT is functioning, the device is limited to mobile use conditions and was evaluated for desktop applications.

### 5.2. DESCRIPTION OF TEST SETUP

#### SUPPORT EQUIPMENT

| Support Equipment List |              |          |               |        |
|------------------------|--------------|----------|---------------|--------|
| Description            | Manufacturer | Model    | Serial Number | FCC ID |
| Power Supply           | Sony         | XQZ-UC11 | 1821W34209742 | NA     |
| USB-C                  | Sony         | XQZ-UB1  | NA            | NA     |

#### I/O CABLES

| I/O Cable List |      |                      |                |              |                  |                           |
|----------------|------|----------------------|----------------|--------------|------------------|---------------------------|
| Cable No.      | Port | # of Identical Ports | Connector Type | Cable Type   | Cable Length (m) | Remarks                   |
| 1              | USB  | 1                    | USB-C          | Non-Shielded | <3m              | Connected to power supply |

**TEST SETUP**

The following five configurations are tested:

| Configuration | Mode   | Descriptions   |
|---------------|--|--|
| 1             | Standby<br>(Power Detecting)   | EUT Alone powered by AC/DC adapter (worst-case over battery) |
| 2             | Operating with server (source) and client (load) aligned<br>(With EUT charging)<br>Note: Measurements were made when the battery level of the client was at a state of <10%, 50%, and 100%. Spot check worst-case battery level with 5 mm air gap. | EUT powered by AC/DC adapter                                 |
| 3             | Operating with server (source) and client (load) aligned, with 90° rotation between them.<br>(With EUT charging)<br>Note: Measurements were made when the battery level of the client was at a state of <10%, 50%, and 100%.                       | EUT powered by AC/DC adapter                                 |
| 4             | Same as configuration 2, with a worst case misalignment between the server and client.   | EUT powered by AC/DC adapter                                 |
| 5             | Same as configuration 3, with a worst case misalignment between the server and client.   | EUT powered by AC/DC adapter                                 |

**SETUP DIAGRAMS**

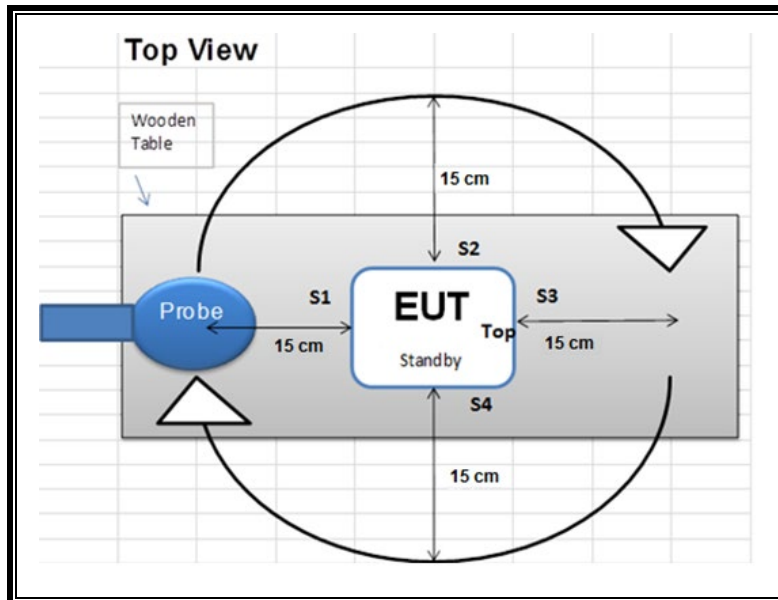
Please refer to R14777340-EP4 for setup diagrams.



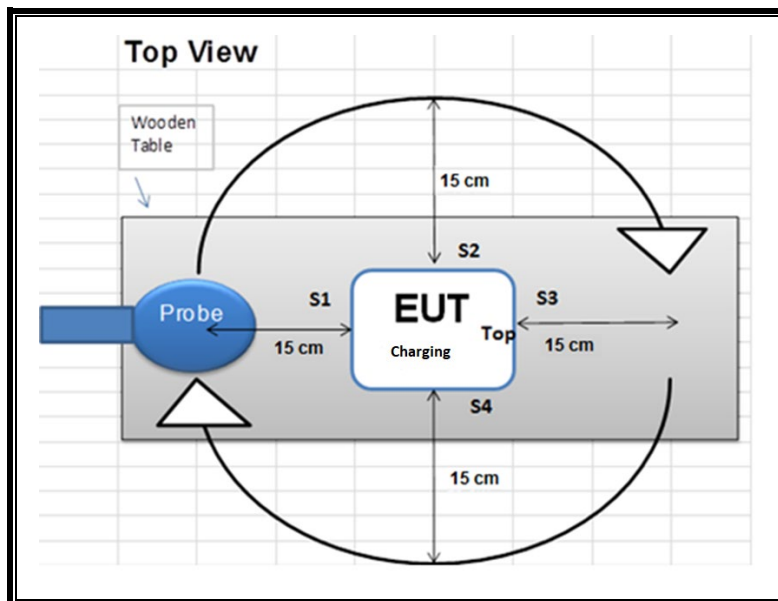
### MEASUREMENT SETUP

The measurement was taken using a probe placed 15cm surrounding the device and 20cm above the top surface of the EUT.  
Measurements were taken from the top and all sides of the EUT per KDB 680106 D01 v03r01.

### CONFIGURATION 1



### CONFIGURATIONS 2-5



Note: This diagram is meant to represent load stacked on EUT.

## 6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment were used for the tests documented in this report:

| Test Equipment List               |              |           |           |            |            |
|-----------------------------------|--------------|-----------|-----------|------------|------------|
| Description                       | Manufacturer | Model     | Equip. ID | Cal Date   | Cal Due    |
| Electric and Magnetic Field Probe | Narda        | EHP-200AC | FA0001    | 2022-07-20 | 2023-07-20 |
| Spectrum Analyzer                 | Keysight     | N9030A    | SA0026    | 2022-08-02 | 2023-08-02 |

## 7. DUTY CYCLE

### LIMITS

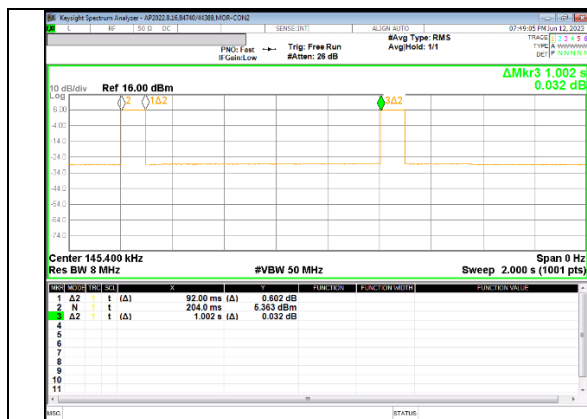
None; for reporting purposes only.

### PROCEDURE

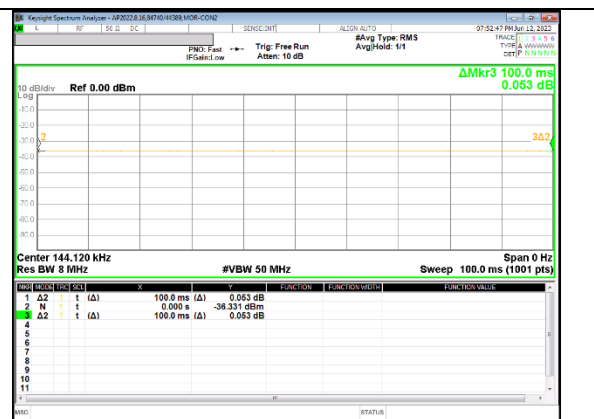
Zero-Span Spectrum Analyzer Method.

### ON TIME AND DUTY CYCLE RESULTS

| Mode                   | ON Time<br>B<br>(msec) | Period<br>(msec) | Duty Cycle<br>x<br>(linear) | Duty Cycle<br>(%) |
|------------------------|------------------------|------------------|-----------------------------|-------------------|
| Standby (Config 1)     | 92.00                  | 1002.00          | 0.0918                      | 9.18%             |
| Operating (Config 2+3) | 100.00                 | 100.00           | 1.00                        | 100.00%           |



STANDBY MODE



OPERATING MODE

Tested By: 84740/44389

## 8. MAXIMUM PERMISSIBLE RF EXPOSURE TEST RESULTS

### 8.1. FCC LIMITS

§1.1310 The criteria listed in Table 1 shall be used to evaluate the environmental 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 §2.1093 of this chapter.

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

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

TABLE 1—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)—Continued

| Frequency range (MHz) | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|-----------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| 30–300 .....          | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300–1500 .....        | .....                         | .....                         | f/1500                              | 30                       |
| 1500–100,000 .....    | .....                         | .....                         | 1.0                                 | 30                       |

f = frequency in MHz

\* = Plane-wave equivalent power density

NOTE 1 TO TABLE 1: Occupational/controlled 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. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

NOTE 2 TO TABLE 1: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or can not exercise control over their exposure.

**Note:** The limit at 300 kHz was used for devices operating between 100-300 kHz.

## 8.2. SUMMARY OF TEST RESULTS

### RESULTS

|            |             |              |                          |
|------------|-------------|--------------|--------------------------|
| <b>ID:</b> | 84740/21193 | <b>Date:</b> | 2023-06-06 to 2023-06-09 |
|------------|-------------|--------------|--------------------------|

Note: Both magnetic and electric field strengths have been investigated from 9 kHz to 30 MHz at 15cm surrounding the device and 20cm above the top surface of the EUT operation frequency at 111-148 kHz.

The inductive wireless power transfer device meets all of the following requirements:

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

### FCC RF EXPOSURE SUMMARY OF RESULTS

| Electric Field  |                               |                | Magnetic Field  |                               |                |
|-----------------|-------------------------------|----------------|-----------------|-------------------------------|----------------|
| FCC Limit (V/m) | Maximum Average Reading (V/m) | Percentage (%) | FCC Limit (A/m) | Maximum Average Reading (A/m) | Percentage (%) |
| 614             | 4.182                         | 0.68%          | 1.63            | 0.147                         | 9.02%          |

**Note:** since the E and H field are lower than the limit by more than 50% of the limit then a PAG is not required.

### 8.3. DETAILED TEST RESULTS

#### E- FIELD AND H- FIELD MEASUREMENTS

Note: Peak measurements were performed. RMS values were calculated from the peak measurement. Please refer to the formula for calculating the RMS values: [Field Strength x  $\sqrt{\text{Duty Cycle}}$ ].

| Config  | Test Mode                      | Meas Dist (cm)  | E field Limit (V/m) | Electric Field Reading (V/m) |          |              |              | Magnetic Field Limit (A/m) | Magnetic Field Reading (A/m) |       |          |              |              |             |
|---|--------------------------------|---|---------------------|------------------------------|----------|--------------|--------------|----------------------------|------------------------------|-------|----------|--------------|--------------|-------------|
|   |                                |   |                     | FCC                          | Location | Peak         | Duty Cycle % |                            | FCC Average                  | FCC   | Location | Peak         | Duty Cycle % | FCC Average |
|   |                                |   |                     |                              |          |              |              |                            |                              |       |          |              |              |             |
| 1   | Standby                        | 15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT | 614                 | S1                           | 0.420    | 9.18         | 0.127        | 1.63                       | S1                           | 0.076 | 9.18     | 0.023        |              |             |
|   |                                |   |                     | S2                           | 0.385    |              | 0.117        |                            | S2                           | 0.048 |          | 0.014        |              |             |
|   |                                |   |                     | S3                           | 0.423    |              | <b>0.128</b> |                            | S3                           | 0.063 |          | 0.019        |              |             |
|   |                                |   |                     | S4                           | 0.486    |              | 0.147        |                            | S4                           | 0.034 |          | 0.010        |              |             |
|   |                                |   |                     | Top                          | 0.341    |              | 0.103        |                            | Top                          | 0.331 |          | 0.100        |              |             |
|   |                                |   |                     | Max                          | 0.486    |              | <b>0.147</b> |                            | Max                          | 0.331 |          | 0.100        |              |             |
| 2   | Operating Power < 10% Charging | 15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT | 614                 | S1                           | 0.690    | 100.00       | 0.690        | 1.63                       | S1                           | 0.042 | 100.00   | 0.042        |              |             |
|   |                                |   |                     | S2                           | 0.606    |              | 0.606        |                            | S2                           | 0.015 |          | 0.015        |              |             |
|   |                                |   |                     | S3                           | 0.621    |              | 0.621        |                            | S3                           | 0.033 |          | 0.033        |              |             |
|   |                                |   |                     | S4                           | 0.571    |              | 0.571        |                            | S4                           | 0.013 |          | 0.013        |              |             |
|   |                                |   |                     | Top                          | 0.616    |              | 0.616        |                            | Top                          | 0.012 |          | 0.012        |              |             |
|   |                                |   |                     | Max                          | 0.690    |              | 0.690        |                            | Max                          | 0.042 |          | 0.042        |              |             |
|   | Operating Power 50% Charging   |   |                     | S1                           | 0.696    | 0.696        | S1           |                            | 0.038                        | 0.038 |          |              |              |             |
|   |                                |   |                     | S2                           | 0.601    | 0.601        | S2           |                            | 0.014                        | 0.014 |          |              |              |             |
|   |                                |   |                     | S3                           | 0.645    | 0.645        | S3           |                            | 0.032                        | 0.032 |          |              |              |             |
|   |                                |   |                     | S4                           | 0.565    | 0.565        | S4           |                            | 0.013                        | 0.013 |          |              |              |             |
|   |                                |   |                     | Top                          | 0.766    | 0.766        | Top          |                            | 0.012                        | 0.012 |          |              |              |             |
|   |                                |   |                     | Max                          | 0.766    | 0.766        | Max          |                            | 0.038                        | 0.038 |          |              |              |             |
|   | Operating Power 100 % Charged  |   |                     | S1                           | 0.901    | <b>0.901</b> | S1           |                            | 0.049                        | 0.049 |          |              |              |             |
|   |                                |   |                     | S2                           | 0.754    | 0.754        | S2           |                            | 0.014                        | 0.014 |          |              |              |             |
|   |                                |   |                     | S3                           | 0.816    | 0.816        | S3           |                            | 0.044                        | 0.044 |          |              |              |             |
|   |                                |   |                     | S4                           | 0.589    | 0.589        | S4           |                            | 0.014                        | 0.014 |          |              |              |             |
|   |                                |   |                     | Top                          | 0.721    | 0.721        | Top          |                            | 0.013                        | 0.013 |          |              |              |             |
|   |                                |   |                     | Max                          | 0.901    | <b>0.901</b> | Max          |                            | 0.049                        | 0.049 |          |              |              |             |
| Operating Power 100 % Charged with 5 mm air gap | S1                             | 0.819   | 0.819               | S1                           | 0.123    | 0.123        |              |                            |                              |       |          |              |              |             |
|   | S2                             | 0.681   | 0.681               | S2                           | 0.018    | 0.018        |              |                            |                              |       |          |              |              |             |
|   | S3                             | 0.697   | 0.697               | S3                           | 0.134    | <b>0.134</b> |              |                            |                              |       |          |              |              |             |
|   | S4                             | 0.608   | 0.608               | S4                           | 0.020    | 0.020        |              |                            |                              |       |          |              |              |             |
|   | Top                            | 0.707   | 0.707               | Top                          | 0.023    | 0.023        |              |                            |                              |       |          |              |              |             |
|   | Max                            | 0.819   | 0.819               | Max                          | 0.134    | <b>0.134</b> |              |                            |                              |       |          |              |              |             |
| 3   | Operating Power < 10% Charging | 15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT | 614                 | S1                           | 3.340    | 100.00       | 3.340        | 1.63                       | S1                           | 0.032 | 100.00   | <b>0.032</b> |              |             |
|   |                                |   |                     | S2                           | 0.658    |              | 0.658        |                            | S2                           | 0.014 |          | 0.014        |              |             |
|   |                                |   |                     | S3                           | 2.264    |              | 2.264        |                            | S3                           | 0.022 |          | 0.022        |              |             |
|   |                                |   |                     | S4                           | 0.552    |              | 0.552        |                            | S4                           | 0.014 |          | 0.014        |              |             |
|   |                                |   |                     | Top                          | 1.138    |              | 1.138        |                            | Top                          | 0.011 |          | 0.011        |              |             |
|   |                                |   |                     | Max                          | 3.340    |              | 3.340        |                            | Max                          | 0.032 |          | <b>0.032</b> |              |             |
|   | Operating Power 50% Charging   |   |                     | S1                           | 4.182    | <b>4.182</b> | S1           |                            | 0.032                        | 0.032 |          |              |              |             |
|   |                                |   |                     | S2                           | 0.775    | 0.775        | S2           |                            | 0.014                        | 0.014 |          |              |              |             |
|   |                                |   |                     | S3                           | 2.623    | 2.623        | S3           |                            | 0.020                        | 0.020 |          |              |              |             |
|   |                                |   |                     | S4                           | 0.560    | 0.560        | S4           |                            | 0.013                        | 0.013 |          |              |              |             |
|   |                                |   |                     | Top                          | 1.924    | 1.924        | Top          |                            | 0.012                        | 0.012 |          |              |              |             |
|   |                                |   |                     | Max                          | 4.182    | <b>4.182</b> | Max          |                            | 0.032                        | 0.032 |          |              |              |             |
|   | Operating Power 100 % Charged  |   |                     | S1                           | 3.988    | 3.988        | S1           |                            | 0.020                        | 0.020 |          |              |              |             |
|   |                                |   |                     | S2                           | 0.686    | 0.686        | S2           |                            | 0.014                        | 0.014 |          |              |              |             |
|   |                                |   |                     | S3                           | 3.627    | 3.627        | S3           |                            | 0.019                        | 0.019 |          |              |              |             |
|   |                                |   |                     | S4                           | 0.675    | 0.675        | S4           |                            | 0.013                        | 0.013 |          |              |              |             |
|   |                                |   |                     | Top                          | 0.709    | 0.709        | Top          |                            | 0.012                        | 0.012 |          |              |              |             |
|   |                                |   |                     | Max                          | 3.988    | 3.988        | Max          |                            | 0.020                        | 0.020 |          |              |              |             |

| Config | Test Mode                      | Meas Dist (cm)  | E field Limit (V/m) | Electric Field Reading (V/m) |          |        |              | Magnetic Field Limit (A/m) | Magnetic Field Reading (A/m) |       |          |              |              |             |
|--------|--------------------------------|---|---------------------|------------------------------|----------|--------|--------------|----------------------------|------------------------------|-------|----------|--------------|--------------|-------------|
|        |                                |   |                     | FCC                          | Location | Peak   | Duty Cycle % |                            | FCC Average                  | FCC   | Location | Peak         | Duty Cycle % | FCC Average |
|        |                                |   |                     |                              |          |        |              |                            |                              |       |          |              |              |             |
| 4      | Operating Power < 10% Charging | 15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT | 614                 | S1                           | 0.387    | 100.00 | 0.387        | 1.63                       | S1                           | 0.067 | 100.00   | 0.067        |              |             |
|        |                                |   |                     | S2                           | 0.377    |        | 0.377        |                            | S2                           | 0.051 |          | 0.051        |              |             |
|        |                                |   |                     | S3                           | 0.410    |        | 0.410        |                            | S3                           | 0.065 |          | 0.065        |              |             |
|        |                                |   |                     | S4                           | 0.427    |        | 0.427        |                            | S4                           | 0.032 |          | 0.032        |              |             |
|        |                                |   |                     | Top                          | 0.405    |        | 0.405        |                            | Top                          | 0.015 |          | 0.015        |              |             |
|        |                                |   |                     | Max                          | 0.427    |        | 0.427        |                            | Max                          | 0.067 |          | 0.067        |              |             |
|        | Operating Power 50% Charging   |   |                     | S1                           | 0.514    | 100.00 | 0.514        |                            | S1                           | 0.050 | 100.00   | 0.050        |              |             |
|        |                                |   |                     | S2                           | 0.442    |        | 0.442        |                            | S2                           | 0.053 |          | 0.053        |              |             |
|        |                                |   |                     | S3                           | 0.493    |        | 0.493        |                            | S3                           | 0.147 |          | <b>0.147</b> |              |             |
|        |                                |   |                     | S4                           | 0.529    |        | 0.529        |                            | S4                           | 0.070 |          | 0.070        |              |             |
|        |                                |   |                     | Top                          | 0.481    |        | 0.481        |                            | Top                          | 0.014 |          | 0.014        |              |             |
|        |                                |   |                     | Max                          | 0.529    |        | 0.529        |                            | Max                          | 0.147 |          | <b>0.147</b> |              |             |
|        | Operating Power 100 % Charged  |   |                     | S1                           | 0.513    | 100.00 | 0.513        |                            | S1                           | 0.045 | 100.00   | 0.045        |              |             |
|        |                                |   |                     | S2                           | 0.481    |        | 0.481        |                            | S2                           | 0.035 |          | 0.035        |              |             |
|        |                                |   |                     | S3                           | 0.530    |        | 0.530        |                            | S3                           | 0.099 |          | 0.099        |              |             |
|        |                                |   |                     | S4                           | 0.540    |        | <b>0.540</b> |                            | S4                           | 0.040 |          | 0.040        |              |             |
|        |                                |   |                     | Top                          | 0.430    |        | 0.430        |                            | Top                          | 0.019 |          | 0.019        |              |             |
|        |                                |   |                     | Max                          | 0.540    |        | <b>0.540</b> |                            | Max                          | 0.099 |          | 0.099        |              |             |
| 5      | Operating Power < 10% Charging | 15 cm surrounding the device (S1 - S4) and 20 cm above the top surface of the EUT | 614                 | S1                           | 0.681    | 100.00 | 0.681        | 1.63                       | S1                           | 0.031 | 100.00   | 0.031        |              |             |
|        |                                |   |                     | S2                           | 0.454    |        | 0.454        |                            | S2                           | 0.025 |          | 0.025        |              |             |
|        |                                |   |                     | S3                           | 0.571    |        | 0.571        |                            | S3                           | 0.037 |          | 0.037        |              |             |
|        |                                |   |                     | S4                           | 0.483    |        | 0.483        |                            | S4                           | 0.024 |          | 0.024        |              |             |
|        |                                |   |                     | Top                          | 0.447    |        | 0.447        |                            | Top                          | 0.017 |          | 0.017        |              |             |
|        |                                |   |                     | Max                          | 0.681    |        | 0.681        |                            | Max                          | 0.037 |          | 0.037        |              |             |
|        | Operating Power 50% Charging   |   |                     | S1                           | 0.936    | 100.00 | <b>0.936</b> |                            | S1                           | 0.055 | 100.00   | <b>0.055</b> |              |             |
|        |                                |   |                     | S2                           | 0.381    |        | 0.381        |                            | S2                           | 0.032 |          | 0.032        |              |             |
|        |                                |   |                     | S3                           | 0.672    |        | 0.672        |                            | S3                           | 0.019 |          | 0.019        |              |             |
|        |                                |   |                     | S4                           | 0.467    |        | 0.467        |                            | S4                           | 0.026 |          | 0.026        |              |             |
|        |                                |   |                     | Top                          | 0.776    |        | 0.776        |                            | Top                          | 0.016 |          | 0.016        |              |             |
|        |                                |   |                     | Max                          | 0.936    |        | <b>0.936</b> |                            | Max                          | 0.055 |          | <b>0.055</b> |              |             |
|        | Operating Power 100 % Charged  |   |                     | S1                           | 0.476    | 100.00 | 0.476        |                            | S1                           | 0.026 | 100.00   | 0.026        |              |             |
|        |                                |   |                     | S2                           | 0.361    |        | 0.361        |                            | S2                           | 0.027 |          | 0.027        |              |             |
|        |                                |   |                     | S3                           | 0.425    |        | 0.425        |                            | S3                           | 0.054 |          | 0.054        |              |             |
|        |                                |   |                     | S4                           | 0.392    |        | 0.392        |                            | S4                           | 0.029 |          | 0.029        |              |             |
|        |                                |   |                     | Top                          | 0.477    |        | 0.477        |                            | Top                          | 0.014 |          | 0.014        |              |             |
|        |                                |   |                     | Max                          | 0.477    |        | 0.477        |                            | Max                          | 0.054 |          | 0.054        |              |             |

Note: QV770005HJ used for 0% state. QV770066HJ used for 50% state. QV77000RHJ used for 100% state

## 9. SETUP PHOTO

Please refer to R14777340-EP4 for setup photos.

**END OF REPORT**