

**FCC 47 CFR PART 15 SUBPART C**  
**CERTIFICATION TEST REPORT**

*For*

**CRADLE ASSY, Mobile Wireless charger**

**MODEL NUMBER: 861C0-YY250**

**REPORT NUMBER: 4792023967-RF-3**

**ISSUE DATE: December 3, 2025**

**FCC ID: 2A3PS-861C0YY250**

*Prepared for*

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INDIA**

*Prepared by*

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## Revision History

| Rev. | Issue Date       | Revisions     | Revised By |
|------|------------------|---------------|------------|
| V0   | December 3, 2025 | Initial Issue |            |

**Summary of Test Results**

| Description of Test Item         | Standard        | Results |
|----------------------------------|-----------------|---------|
| Radiated Emission Test           | FCC 15.209      | PASS    |
| 20 dB Bandwidth                  | FCC 15.215      | PASS    |
| AC Power Line Conducted Emission | FCC Part 15.207 | N/A     |

## Note:

1. N/A = not applicable.
2. This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
3. The measurement result for the sample received is <Pass> according to <FCC 47 CFR PART 15 SUBPART C> when <Simple Acceptance> decision rule is applied

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## 1. ATTESTATION OF TEST RESULTS

### Applicant Information

Company Name: Uno Minda Ltd.  
B-64/1, Wazirpur Industrial Area,  
Address: Delhi – 110052,  
INDIA

### Manufacturer Information

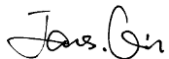
Company Name: Uno Minda Ltd. (Controller Division)  
First Floor, Gat No. 427/5, 427/10,  
Address: Village Mahalunge Tal. Khed,  
Dist. Pune, Maharashtra –410501, INDIA.

### EUT Information

EUT Name: CRADLE ASSY, Mobile Wireless charger  
Model: 861C0-YY250  
Brand: \  
Sample Received Date: November 5, 2025  
Sample Status: Normal  
Sample ID: 9091554-1  
Date of Tested: November 5, 2025 to December 1, 2025

| APPLICABLE STANDARDS         |              |
|------------------------------|--------------|
| STANDARD                     | TEST RESULTS |
| FCC 47 CFR PART 15 SUBPART C | PASS         |

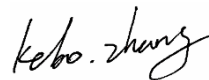
Prepared By:



James Qin

Project Engineer

Checked By:



Kebo Zhang

Senior Project Engineer

Approved By:



Stephen Guo

Operations Manager

## 2. TEST METHODOLOGY

All tests were performed in accordance with the standard FCC 47 CFR Part 2, KDB 414788 D01 Radiated Test Site v01r01, FCC 47 CFR Part 15, ANSI C63.10-2020.

## 3. FACILITIES AND ACCREDITATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accreditation<br>Certificate | <p><b>A2LA (Certificate No.: 4102.01)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been assessed and proved to be in compliance with A2LA.</p> <p><b>FCC (FCC Designation No.: CN1187)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules</p> <p><b>ISED (Company No.: 21320)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been registered and fully described in a report filed with ISED.<br/>The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p> <p><b>VCCI (Registration No.: C-20202, G-20240, R-20248 and T-20202)</b><br/>UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch has been assessed and proved to be in compliance with VCCI, the membership No. is 3793.<br/>Facility Name:<br/>Chamber E, the VCCI registration No. is G-20240 and R-20248<br/>Shielding Room F, the VCCI registration No. is C-20202 and T-20202</p> |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Note:

1. All measurement facilities that used to collect the measurement data are located at Room 101, Building 2, No. 4, Information Road, Songshan Lake, Dongguan, Guangdong, China.
2. The anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field site (OFS), the anechoic chamber is proved to be equivalent to the worst case from the open field site (OFS).
3. Radiation measurements below 30 MHz have been performed in anechoic chamber, the measurement result is compared to the result that obtained on an open field site (OFS) and have been correlated to measurements result collected on an open field site (OFS).

## 4. CALIBRATION AND UNCERTAINTY

### 4.1. MEASURING INSTRUMENT CALIBRATION

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. MEASUREMENT UNCERTAINTY

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

| Test Item                                                                                                                                     | Uncertainty |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Conduction Emission                                                                                                                           | 3.62 dB     |
| Radiated Emission<br>(Included Fundamental Emission) (9 kHz ~ 30 MHz)                                                                         | 2.2 dB      |
| Radiated Emission<br>(Included Fundamental Emission) (30 MHz ~ 1 GHz)                                                                         | 4.00 dB     |
| Occupied Bandwidth                                                                                                                            | ±0.0196%    |
| Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. |             |

## 5. EQUIPMENT UNDER TEST

### 5.1. DESCRIPTION OF EUT

|                              |                                      |
|------------------------------|--------------------------------------|
| EUT Name                     | CRADLE ASSY, Mobile Wireless charger |
| Model                        | 861C0-YY250                          |
| EUT Classification           | Class B                              |
| Internal Operation Frequency | 127.7 ± 10 kHz                       |
| EUT Ratings                  | 15 W Max                             |

### 5.2. TEST MODE

| Test Mode | Description                             |
|-----------|-----------------------------------------|
| M01       | Maximum output power draw by dummy load |
| M02       | EUT alone powered by DC source          |

### 5.1. DESCRIPTION OF TEST SETUP

#### SUPPORT EQUIPMENT

The following support units or accessories were used to form a representative test configuration during the tests.

| Item | Equipment  | Mfr./Brand | Model/Type No. | induction Freq. (kHz) | Series No. | Note               |
|------|------------|------------|----------------|-----------------------|------------|--------------------|
| E-1  | Dummy load | \          | \              | 127.7                 | \          | Provided by client |

The following cables were used to form a representative test configuration during the tests.

| Item | Type of cable | Shielded Type | Ferrite Core | Specification |
|------|---------------|---------------|--------------|---------------|
| \    | DC cable      | \             | \            | \             |

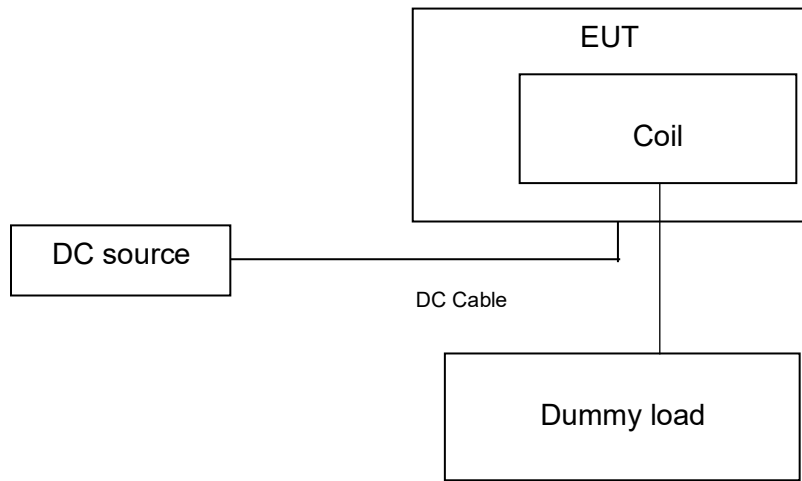
#### I/O CABLES

| Cable No | Port | Connector Type | Cable Type | Cable Length(m) | Remarks |
|----------|------|----------------|------------|-----------------|---------|
| \        | \    | \              | \          | \               | \       |

#### ACCESSORY

| Item | Accessory | Brand Name | Model Name | Description |
|------|-----------|------------|------------|-------------|
| \    | \         | \          | \          | \           |

**SETUP DIAGRAM FOR TEST**



## 6. MEASURING INSTRUMENT LIST

| Test Equipment of Conducted emissions |                 |           |            |               |               |
|---------------------------------------|-----------------|-----------|------------|---------------|---------------|
| Equipment                             | Manufacturer    | Model No. | Serial No. | Last Cal.     | Due Date      |
| EMI Test Receiver                     | ROHDE & SCHWARZ | ESR3      | 101961     | Sep. 12, 2025 | Sep. 11, 2026 |
| Two-Line V-Network                    | ROHDE & SCHWARZ | ENV216    | 101983     | Sep. 12, 2025 | Sep. 11, 2026 |
| Test Software for Conducted Emission  | Farad           | EZ-EMC    | Ver.UL-3A1 | N/A           | N/A           |

| Radiated Emissions                   |              |                |               |               |               |
|--------------------------------------|--------------|----------------|---------------|---------------|---------------|
| Equipment                            | Manufacturer | Model No.      | Serial No.    | Last Cal.     | Due Date      |
| MXE EMI Receiver                     | KESIGHT      | N9038A         | MY56400036    | Sep. 12, 2025 | Sep. 11, 2026 |
| Hybrid Log Periodic Antenna          | TDK          | HLP-3003C      | 130960        | Jun. 27, 2024 | Jun. 28, 2027 |
| Preamplifier                         | HP           | 8447D          | 2944A09099    | Sep. 12, 2025 | Sep. 11, 2026 |
| Loop antenna                         | Schwarzbeck  | 1519B          | 00008         | Dec.9, 2024   | Dec.8, 2027   |
| Preamplifier                         | TDK          | PA-02-001-3000 | TRS-302-00050 | Sep. 12, 2025 | Sep. 11, 2026 |
| Software                             |              |                |               |               |               |
| Description                          |              |                | Manufacturer  | Name          | Version       |
| Test Software for Radiated Emissions |              |                | Farad         | EZ-EMC        | Ver. UL-3A1   |

| Other Instruments   |              |           |            |               |               |
|---------------------|--------------|-----------|------------|---------------|---------------|
| Equipment           | Manufacturer | Model No. | Serial No. | Last Cal.     | Next Cal.     |
| PXA Signal Analyzer | Keysight     | N9030A    | MY55410512 | Sep. 12, 2025 | Sep. 11, 2026 |

## 7. 20dB BANDWIDTH TEST

### LIMITS

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.215, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

### TEST PROCEDURE

The transmitter is coupled to the spectrum analyzer. The RBW is set to 1 kHz. The VBW is set to 3 times the RBW. The sweep time is coupled. The spectrum analyzer internal 99% bandwidth function is utilized.

Note: Because the measured signal is CW or CW-like adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW. The type of band for the signal is narrowband.

### TEST SETUP

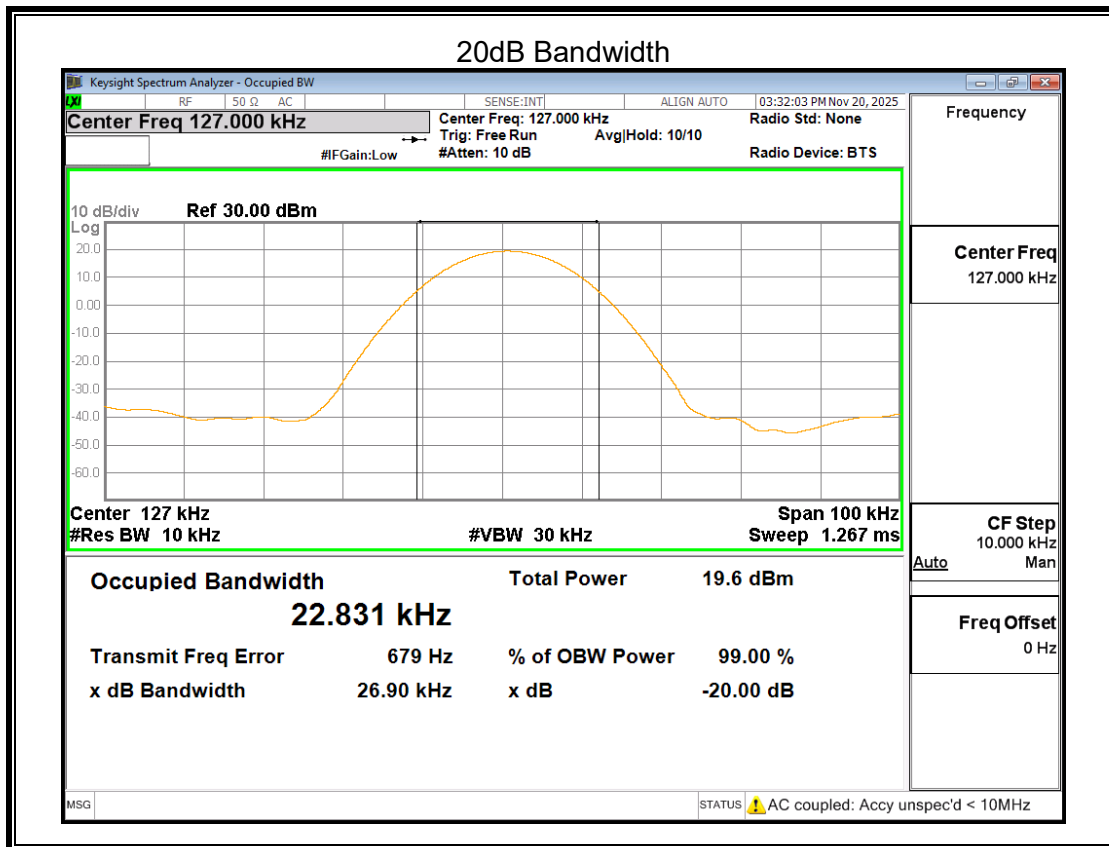


### TEST ENVIRONMENT

|                     |         |                   |                 |
|---------------------|---------|-------------------|-----------------|
| Temperature         | 24.1 °C | Relative Humidity | 68 %            |
| Atmosphere Pressure | 101 kPa | Test Voltage      | AC 120 V, 60 Hz |

### RESULTS

| Frequency (kHz) | 20dB Bandwidth (kHz) |
|-----------------|----------------------|
| 127.7           | 26.90                |



## 8. RADIATED EMISSION TEST

### LIMITS

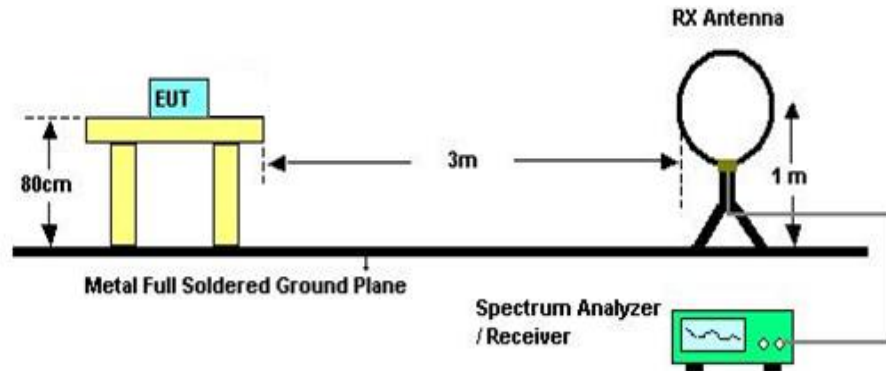
Please refer to FCC 47 CFR §15.205 and §15.209.

| Emissions radiated outside of the specified frequency bands above 30 MHz |                                       |                                         |         |
|--------------------------------------------------------------------------|---------------------------------------|-----------------------------------------|---------|
| Frequency Range<br>(MHz)                                                 | Field Strength Limit<br>(uV/m) at 3 m | Field Strength Limit<br>(dBuV/m) at 3 m |         |
|                                                                          |                                       | Quasi-Peak                              |         |
| 30 - 88                                                                  | 100                                   | 40                                      |         |
| 88 - 216                                                                 | 150                                   | 43.5                                    |         |
| 216 - 960                                                                | 200                                   | 46                                      |         |
| Above 960                                                                | 500                                   | 54                                      |         |
| Above 1000                                                               | 500                                   | Peak                                    | Average |
|                                                                          |                                       | 74                                      | 54      |

| Emissions radiated outside of the specified frequency bands below 30 MHz |                                   |                               |
|--------------------------------------------------------------------------|-----------------------------------|-------------------------------|
| Frequency (MHz)                                                          | Field strength (microvolts/meter) | Measurement distance (meters) |
| 0.009-0.490                                                              | 2400/F(kHz)                       | 300                           |
| 0.490-1.705                                                              | 24000/F(kHz)                      | 30                            |
| 1.705-30.0                                                               | 30                                | 30                            |

## TEST SETUP AND PROCEDURE

Below 30 MHz

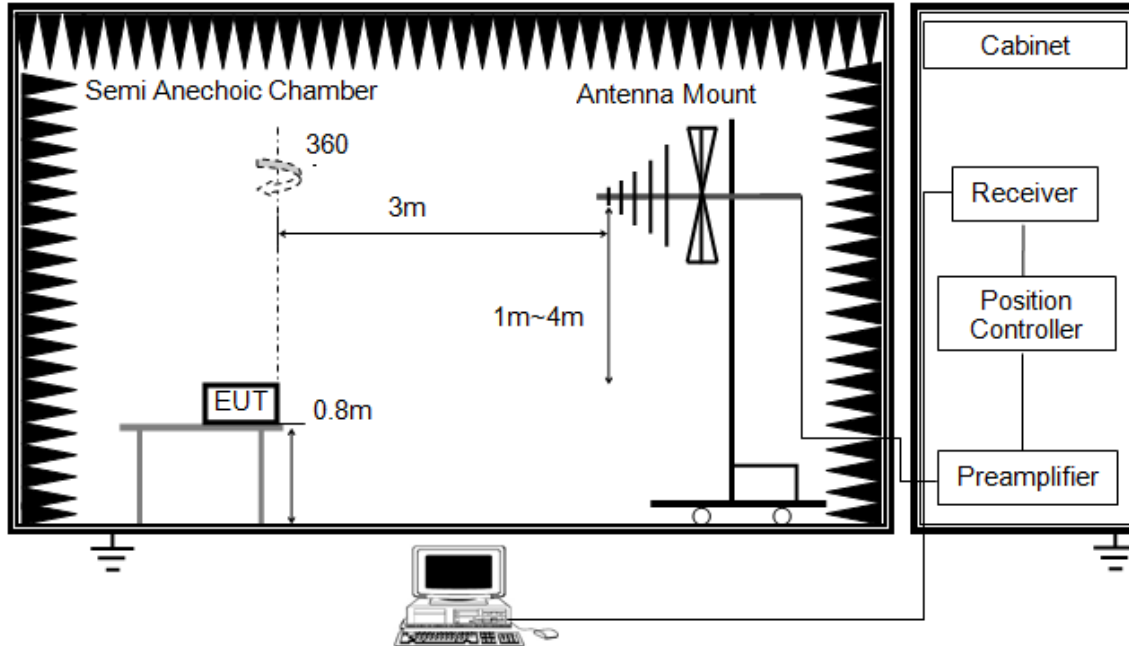


The setting of the spectrum analyser

|       |                                                                   |
|-------|-------------------------------------------------------------------|
| RBW   | 200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz) |
| VBW   | 200 Hz (From 9 kHz to 0.15 MHz) / 9 kHz (From 0.15 MHz to 30 MHz) |
| Sweep | Auto                                                              |
| Trace | Max hold                                                          |

1. The testing follows the guidelines in ANSI C63.10 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1.3 m height antenna tower.
5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

Below 1 GHz and above 30 MHz



The setting of the spectrum analyzer

|          |          |
|----------|----------|
| RBW      | 120 kHz  |
| VBW      | 300 kHz  |
| Sweep    | Auto     |
| Detector | Peak/QP  |
| Trace    | Max hold |

1. The testing follows the guidelines in ANSI C63.10 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

## TEST ENVIRONMENT

|                     |         |                   |                 |
|---------------------|---------|-------------------|-----------------|
| Temperature         | 22.5 °C | Relative Humidity | 59 %            |
| Atmosphere Pressure | 101 kPa | Test Voltage      | AC 120 V, 60 Hz |

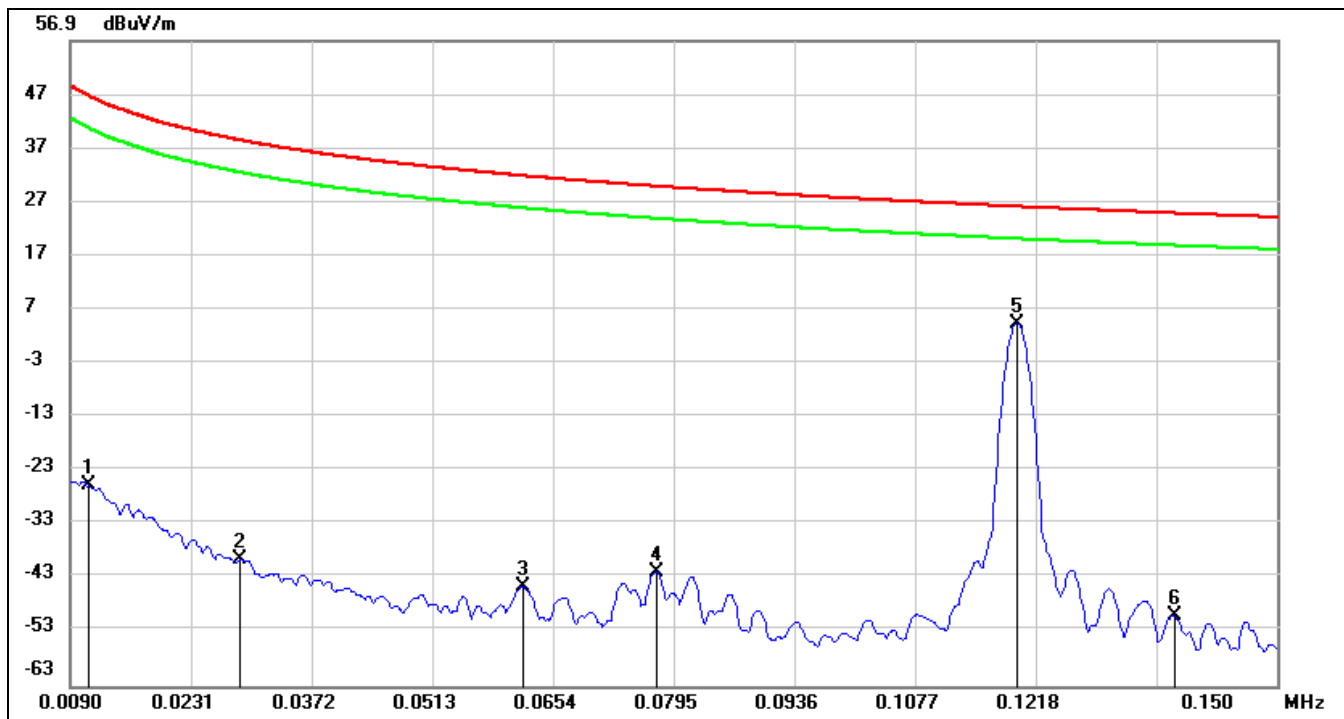
## RESULTS

### 8.1. SPURIOUS EMISSIONS BELOW 30 MHz

#### 8.1.1. Test result

##### FCC PART 15C BELOW 30MHz SPURIOUS EMISSIONS (LOOP ANTENNA FACE ON TO THE EUT)

9 kHz ~ 150 kHz



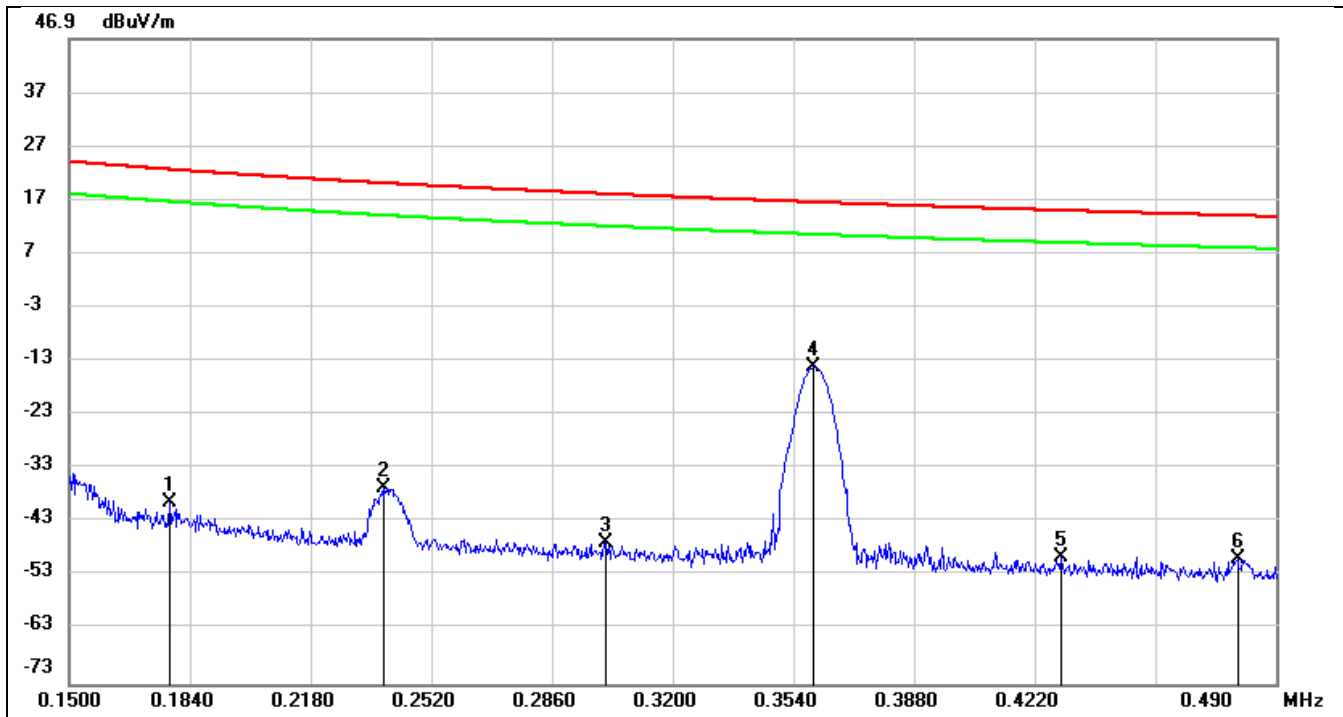
| No. | Frequency (MHz) | Reading (dBuV) | Correct (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark      |
|-----|-----------------|----------------|----------------|-----------------|----------------|-------------|-------------|
| 1   | 0.0111          | 64.26          | -90.16         | -25.90          | 46.69          | -72.59      | peak        |
| 2   | 0.0289          | 51.22          | -90.85         | -39.63          | 38.38          | -78.01      | peak        |
| 3   | 0.0617          | 47.53          | -92.23         | -44.70          | 31.80          | -76.50      | peak        |
| 4   | 0.0774          | 50.70          | -92.60         | -41.90          | 29.83          | -71.73      | peak        |
| 5   | 0.1197          | 96.74          | -92.47         | 4.27            | 26.04          | -21.77      | fundamental |
| 6   | 0.1380          | 42.17          | -92.35         | -50.18          | 24.81          | -74.99      | peak        |

Note:

- Measurement = Reading Level + Correct Factor.
- If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.
- All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
- The test was performed at 3 m test site, but we added the corresponding factor to extrapolate the result

to the specified distance according to FCC 15.31(f)(2).

### 150 kHz ~ 490 kHz

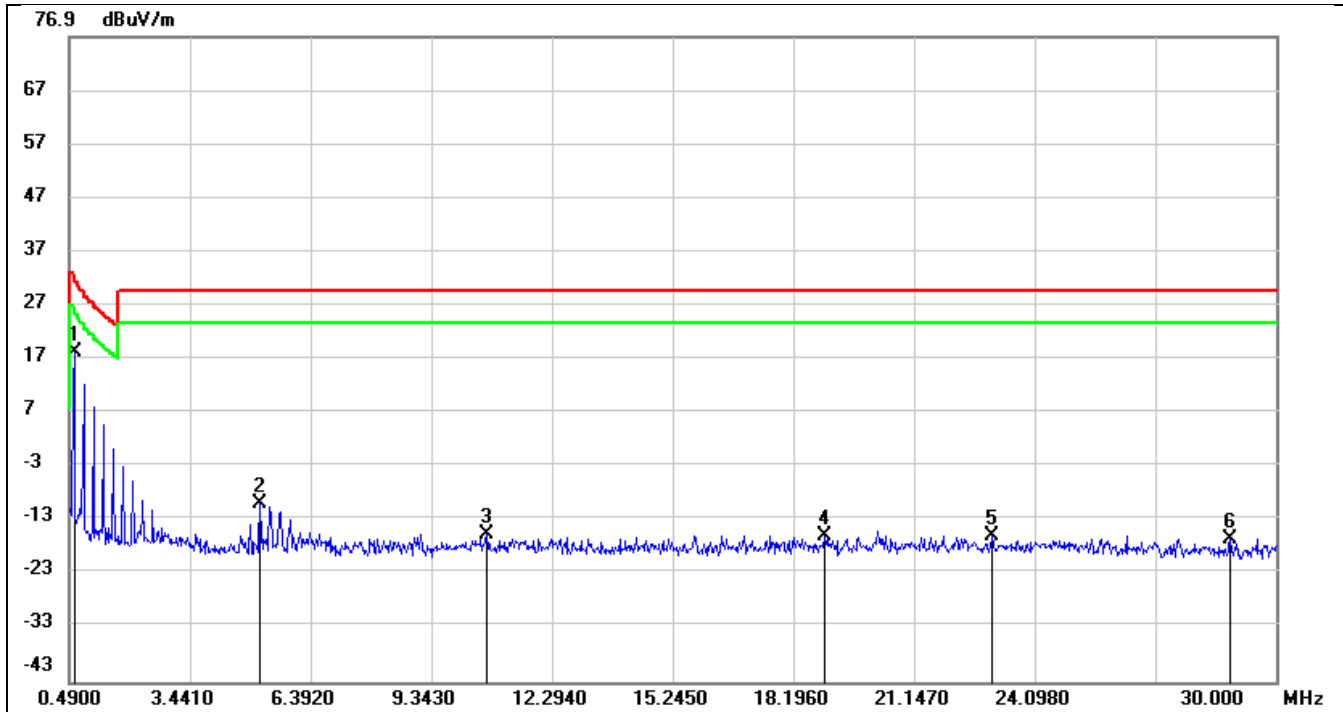


| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 0.1782             | 52.76             | -92.09            | -39.33             | 22.59             | -61.92         | peak   |
| 2   | 0.2387             | 55.44             | -92.12            | -36.68             | 20.04             | -56.72         | peak   |
| 3   | 0.3013             | 45.60             | -92.40            | -46.80             | 18.02             | -64.82         | peak   |
| 4   | 0.3598             | 78.34             | -92.52            | -14.18             | 16.48             | -30.66         | peak   |
| 5   | 0.4295             | 43.13             | -92.66            | -49.53             | 14.94             | -64.47         | peak   |
| 6   | 0.4791             | 43.04             | -92.76            | -49.72             | 14.00             | -63.72         | peak   |

Note:

1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. The test was performed at 3 m test site, but we added the corresponding factor to extrapolate the result to the specified distance according to FCC 15.31(f)(2).

### 490 kHz ~ 30 MHz



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 0.6080             | 71.03             | -52.68            | 18.35              | 31.92             | -13.57         | peak   |
| 2   | 5.1526             | 41.26             | -51.29            | -10.03             | 29.54             | -39.57         | peak   |
| 3   | 10.7005            | 35.32             | -50.87            | -15.55             | 29.54             | -45.09         | peak   |
| 4   | 18.9633            | 34.19             | -50.05            | -15.86             | 29.54             | -45.40         | peak   |
| 5   | 23.0651            | 33.51             | -49.59            | -16.08             | 29.54             | -45.62         | peak   |
| 6   | 28.8786            | 33.44             | -49.94            | -16.50             | 29.54             | -46.04         | peak   |

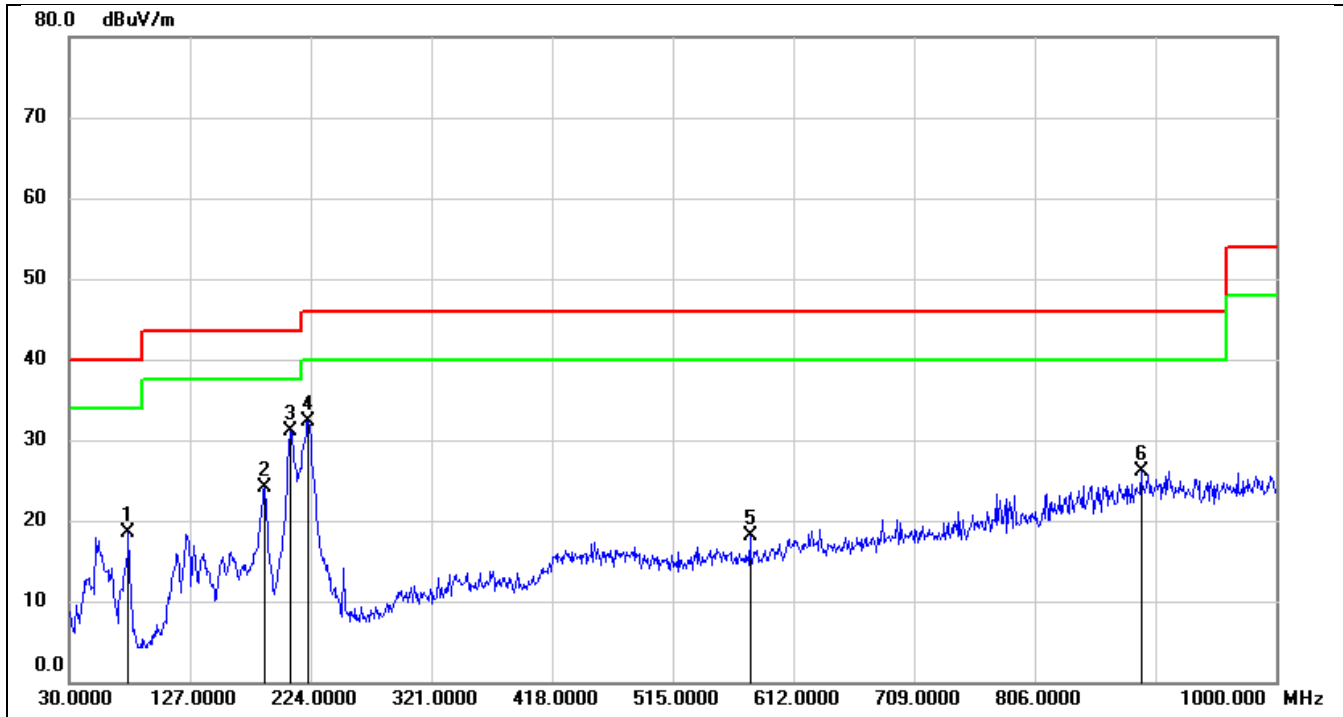
#### Note:

1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.
4. The test was performed at 3 m test site, but we added the corresponding factor to extrapolate the result to the specified distance according to FCC 15.31(f)(2).

## 8.2. SPURIOUS EMISSIONS 30 MHz ~ 1 GHz

### 8.2.1. Test result

#### FCC PART15C SPURIOUS EMISSIONS (HORIZONTAL)

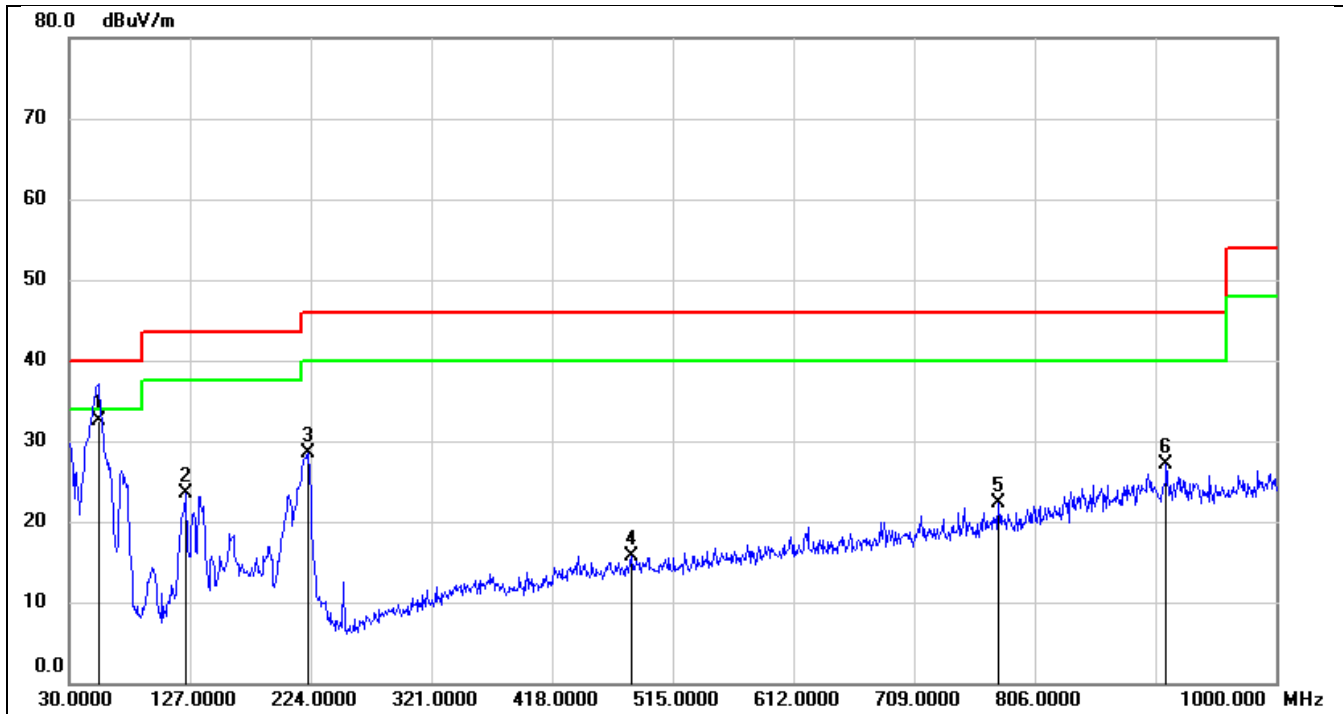


| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 77.5300            | 34.32             | -15.83            | 18.49              | 40.00             | -21.51         | peak   |
| 2   | 187.1400           | 36.08             | -11.92            | 24.16              | 43.50             | -19.34         | peak   |
| 3   | 207.5100           | 43.62             | -12.60            | 31.02              | 43.50             | -12.48         | peak   |
| 4   | 222.0600           | 45.49             | -13.18            | 32.31              | 46.00             | -13.69         | peak   |
| 5   | 577.0800           | 24.52             | -6.33             | 18.19              | 46.00             | -27.81         | peak   |
| 6   | 891.3600           | 26.72             | -0.59             | 26.13              | 46.00             | -19.87         | peak   |

**Note:**

1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.
4. All the noise is created from the digital circuit. It is not created by wireless charging circuit.

### FCC PART15C SPURIOUS EMISSIONS (VERTICAL)



| No. | Frequency<br>(MHz) | Reading<br>(dBuV) | Correct<br>(dB/m) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Remark |
|-----|--------------------|-------------------|-------------------|--------------------|-------------------|----------------|--------|
| 1   | 53.2800            | 47.60             | -15.03            | 32.57              | 40.00             | -7.43          | QP     |
| 2   | 124.0900           | 38.06             | -14.59            | 23.47              | 43.50             | -20.03         | peak   |
| 3   | 222.0600           | 41.65             | -13.18            | 28.47              | 46.00             | -17.53         | peak   |
| 4   | 482.0200           | 23.62             | -7.85             | 15.77              | 46.00             | -30.23         | peak   |
| 5   | 776.9000           | 25.34             | -3.05             | 22.29              | 46.00             | -23.71         | peak   |
| 6   | 911.7300           | 27.66             | -0.54             | 27.12              | 46.00             | -18.88         | peak   |

#### Note:

1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto
4. All the noise is created from the digital circuit. It is not created by wireless charging circuit.

## END OF REPORT