

FCC TEST REPORT

FCC ID: 2ANED-EP366TA

On Behalf of

Elec Technologies Group Limited Wireless Charging Pouch

Model No.: EP366TA, 7141-33BK, 12395800

Prepared for : Elec Technologies Group Limited

NO.11 Lianfeng Road, Dali Industrial Park, Qingxi Town, Address

Dongguan City, China

Prepared By : Shenzhen Alpha Product Testing Co., Ltd.

Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, Address

518103, Shenzhen, Guangdong, China

Report Number : T1880974 06

Date of Receipt : June 25, 2018

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Version Number : REV0

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TEST REPORT DECLARATION

: Elec Technologies Group Limited Applicant

NO.11 Lianfeng Road, Dali Industrial Park, Qingxi Town, Dongguan Address

City, China

Elec Technologies Group Limited Manufacturer

NO.11 Lianfeng Road, Dali Industrial Park, Qingxi Town, Dongguan Address

City, China

EUT Description Wireless Charging Pouch

> Model No. (A) : EP366TA, 7141-33BK, 12395800

(B) Trademark : N/A

Measurement Standard Used:

FCC CFR Title 47 Part 15 Subpart C Section 15.209

The device described above is tested by Shenzhen Alpha Product Testing Co., Ltd. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The test results are contained in this test report and Shenzhen Alpha Product Testing Co., Ltd. is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the FCC CFR Title 47 Part 15 Subpart C Section 15.209 requirements.

Reak Yang Tested by (name + signature).....

Project Engineer

Simple Guan Approved by (name + signature)......: **Project Manager**

Reak Yang

Report No.: T1880974 06

Date of issue..... July 03, 2018

Revision History

| Revision | Issue Date | Revisions | Revised By | | |
|----------|---------------|------------------------|-------------|--|--|
| 00 | July 03, 2018 | Initial released Issue | Simple Guan | | |

1. Test Result Summary

| Requirement | CFR 47 Section | Result | | |
|----------------------------------|----------------|--------|--|--|
| Antenna requirement | §15.203 | PASS | | |
| AC Power Line Conducted Emission | §15.207 | PASS | | |
| Spurious Emission | §15.209(a)(f) | PASS | | |
| Occupied Bandwidth | §15.215 (c) | PASS | | |

Note:

- 1. PASS: Test item meets the requirement.
- 2. Fail: Test item does not meet the requirement.
- 3. N/A: Test case does not apply to the test object.
- 4. The test result judgment is decided by the limit of test standard.

2. General Information

2.1. Description of Device (EUT)

EUT Name : Wireless Charging Pouch

Model No. : EP366TA, 7141-33BK, 12395800

DIFF.

There is no difference between all the models, except the

model number, this report performs the model EP366TA.

Trademark : N/A

Power supply : Output: DC 5V/1A;

Input: DC 5V/2A

Operation frequency : 125-205KHz

Modulation : PFM

Antenna Type : Coil Antenna, Maximum Gain is 10dBi

Software version : V1.0

Hardware version : V1.0

2.2. Accessories of Device (EUT)

Accessories1 : USB Cable

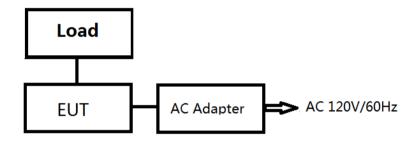
Manufacturer : Elec Technologies Group Limited

Model : /
Ratings : /

2.3. Tested Supporting System Details

| No. | Description | Manufacturer | Model | Serial Number | Certification or DOC | |
|-----|-------------|--------------|--------------------|---------------|----------------------|--|
| 1 | Load | | | | | |
| 2 | AC Adapter | | S005AYU050 0100 | | | |

2.4. Block Diagram of connection between EUT and simulators



2.5. Description of Test Modes

| Channel | Frequency (KHz) | Channel | Frequency (KHz) | Channel | Frequency (KHz) | Channel | Frequency (KHz) |
|---------|--------------------|---------|--------------------|---------|--------------------|---------|--------------------|
| 1 | 125 | 6 | 150 | 11 | 175 | 16 | 200 |
| 2 | 130 | 7 | 155 | 12 | 180 | 17 | 205 |
| 3 | 135 | 8 | 160 | 13 | 185 | 18 | |
| 4 | 140 | 9 | 165 | 14 | 190 | 19 | |
| 5 | 145 | 10 | 170 | 15 | 195 | 20 | |

2.6. Test Conditions

| Items | Required | Actual | | |
|--------------------|----------------|--------|--|--|
| Temperature range: | 15-35 ℃ | 27℃ | | |
| Humidity range: | 25-75% | 56% | | |
| Pressure range: | 86-106kPa | 980kPa | | |

2.7. Test Facility

Shenzhen Alpha Product Testing Co., Ltd

Building i, No.2, Lixin Road, Fuyong Street, Bao'an District, 518103, Shenzhen, Guangdong, China

June 21, 2018 File on Federal Communication Commission

Registration Number: 293961

July 25, 2017 Certificated by IC Registration Number: 12135A

2.8. Measurement Uncertainty

(95% confidence levels, k=2)

| Item | Uncertainty |
|---|----------------------|
| Uncertainty for Power point Conducted Emissions Test | 2.42dB |
| Uncertainty for Radiation Emission test in 3m chamber | 2.13 dB(Polarize: V) |
| (below 30MHz) | 2.57dB(Polarize: H) |
| Uncertainty for Radiation Emission test in 3m chamber | 3.54dB(Polarize: V) |
| (30MHz to 1GHz) | 4.1dB(Polarize: H) |
| Uncertainty for Radiation Emission test in 3m chamber | 2.08dB(Polarize: H) |
| (1GHz to 25GHz) | 2.56dB(Polarize: V) |
| Uncertainty for radio frequency | 1×10-9 |
| Uncertainty for conducted RF Power | 0.65dB |
| Uncertainty for temperature | 0.2℃ |
| Uncertainty for humidity | 1% |
| Uncertainty for DC and low frequency voltages | 0.06% |

2.9. Test Equipment List

| Equipment | Manufacture | Model No. | Serial No. | Last cal. | Cal Interval |
|------------------------|-------------------|-----------------------------|-------------------|------------|--------------|
| 3m Semi-Anechoic | ETS-LINDGREN | N/A | SEL0017 | 2017.09.22 | 1Year |
| Spectrum analyzer | Agilent | E4407B | MY46185649 | 2017.09.22 | 1Year |
| Receiver | R&S | ESCI | 1166.5950K03-1011 | 2017.09.22 | 1Year |
| Receiver | R&S | ESCI | 101202 | 2017.09.22 | 1Year |
| Bilog Antenna | Schwarzbeck | VULB 9168 | VULB9168-438 | 2016.09.30 | 2Year |
| Active Loop Antenna | Beijing Daze | ZN30900A | SEL0097 | 2016.09.30 | 2Year |
| Cable | Resenberger | N/A | No.1 | 2017.09.22 | 1Year |
| Cable | SCHWARZBEC K | N/A | No.2 | 2017.09.22 | 1Year |
| Cable | SCHWARZBEC K | N/A | No.3 | 2017.09.22 | 1Year |
| Pre-amplifier | Schwarzbeck | BBV9743 | 9743-019 | 2017.09.22 | 1Year |
| Pre-amplifier | R&S | AFS33-18002650- 30-8P-44 | SEL0080 | 2017.09.22 | 1Year |
| Temperature controller | Terchy | MHQ | 120 | 2017.09.22 | 1Year |
| L.I.S.N.#1 | Schwarzbeck | NSLK8126 | 8126466 | 2017.09.22 | 1Year |
| L.I.S.N.#2 | ROHDE&SCHW ENV216 | | 101043 | 2017.09.22 | 1 Year |
| 20db Attenuator | ICPROBING | IATS1 | 82347 | 2017.09.22 | 1 Year |

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3. Test Results and Measurement Data

3.1. Conducted Emission

3.1.1. Test Specification

| Test Requirement: | FCC Part15 C Section | 15.207 | | | | | | |
|-------------------|--|-------------------------|----------------------|--|--|--|--|--|
| Test Method: | ANSI C63.10:2013 | | | | | | | |
| Frequency Range: | 150 kHz to 30 MHz | | | | | | | |
| Receiver setup: | RBW=9 kHz, VBW=30 kHz, Sweep time=auto | | | | | | | |
| | Frequency range | Limit (c | , | | | | | |
| Limits: | (MHz) 0.15-0.5 | Quasi-peak 66 to 56* | Average 56 to 46* | | | | | |
| Lillits. | 0.5-5 | 56 | 46 | | | | | |
| | 5-30 | 60 | 50 | | | | | |
| | Refere | nce Plane | | | | | | |
| Test Setup: | Adapter E.U.T Adapter Filter AC power EMI Receiver Remark: E.U.T. Equipment Under Test LISN: Line Impedence Stabilization Network | | | | | | | |
| Test Mode: | Charging + Transmitting | g Mode | | | | | | |
| Test Procedure: | Charging + Transmitting Mode The E.U.T is connected to an adapter through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs). Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement. | | | | | | | |
| Test Result: | PASS | | | | | | | |

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3.1.2. Test data

Please refer to following diagram for individual

Test Mode : Full Load

Test Results : PASS

Note: The test results are listed in next pages.

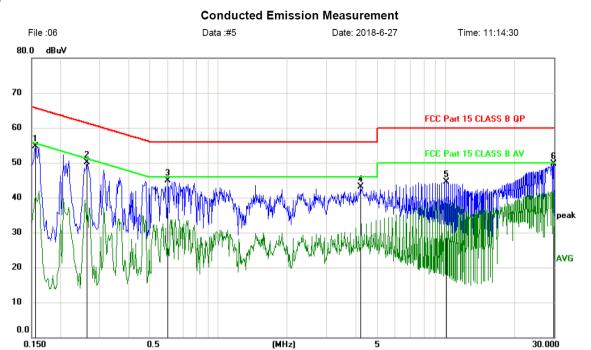
This mode is worst case mode, so this report only reflected the worst mode.

If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector and quasi-peak detector need not be carried out.

If the limits for the measurement with the average detector are met when using a receiver with a quasi-peak detector, the test unit shall be deemed to meet both limits and the measurement with the average detector need not be carried out.

Test result for Channel 125KHz, AC 120V/ 60Hz

Line:



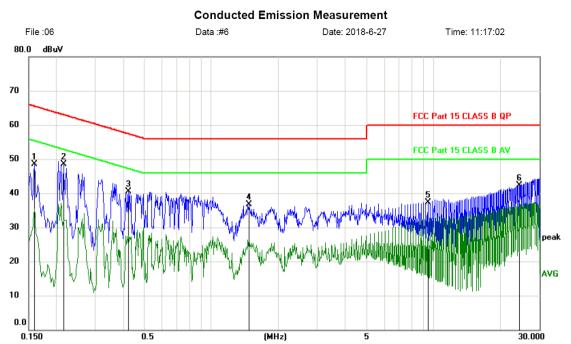
| No. Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margir | 1 | |
|---------|---------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.1559 | 54.59 | 0.20 | 54.79 | 65.68 | -10.89 | peak | |
| 2 | 0.2640 | 49.81 | 0.20 | 50.01 | 61.30 | -11.29 | peak | |
| 3 | 0.6000 | 44.65 | 0.20 | 44.85 | 56.00 | -11.15 | peak | |
| 4 | 4.2328 | 42.84 | 0.26 | 43.10 | 56.00 | -12.90 | peak | |
| 5 | 10.0950 | 44.13 | 0.42 | 44.55 | 60.00 | -15.45 | peak | |
| 6 * | 29.9520 | 48.34 | 1.36 | 49.70 | 60.00 | -10.30 | peak | |

Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

^{*:}Maximum data x:Over limit !:over margin

Test result for Channel 125KHz, AC 120V/ 60Hz

Neutral:



| No. M | k. Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margir | า | |
|-------|----------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.1590 | 48.26 | 0.20 | 48.46 | 65.52 | -17.06 | peak | |
| 2 * | 0.2159 | 48.27 | 0.20 | 48.47 | 62.98 | -14.51 | peak | |
| 3 | 0.4228 | 40.21 | 0.20 | 40.41 | 57.39 | -16.98 | peak | |
| 4 | 1.4757 | 36.48 | 0.20 | 36.68 | 56.00 | -19.32 | peak | |
| 5 | 9.4588 | 36.99 | 0.38 | 37.37 | 60.00 | -22.63 | peak | |
| 6 | 24.3120 | 41.35 | 0.92 | 42.27 | 60.00 | -17.73 | peak | |

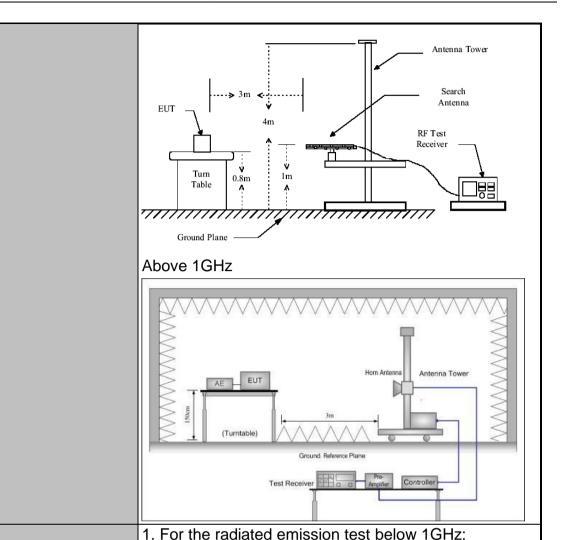
Note: Measurement=Reading Level+Correc Factor. Factor=(LISN or ISN or PLC or Current Probe)Factor+Cable

^{*:}Maximum data x:Over limit !:over margin

3.2. Radiated Spurious Emission Measurement

3.2.1. Test Specification

| Test Requirement: | FCC Part15 C Section 15.209 | | | | | | | |
|-----------------------|---|--------|---------------------------|-----------------------|------------------------------|------|--|--|
| Test Method: | ANSI C63.10 |): 201 | 3 | | | | | |
| Frequency Range: | 9 kHz to 25 (| GHz | | | | | | |
| Measurement Distance: | 3 m | | | | | | | |
| Antenna Polarization: | Horizontal & | Verti | cal | | | | | |
| Operation mode: | Refer to item | 4.1 | | | | | | |
| | Frequency 9kHz- 150kHz 150kHz- | Quas | ector i-peak i-peak | | VBW 1kHz 30kHz | Quas | Remark si-peak Value si-peak Value | |
| Receiver Setup: | 30MHz 30MHz-1GHz | Quas | i-peak | 100KHz | 300KHz | Quas | si-peak Value | |
| | | | ak | 1MHz | 3MHz | | eak Value | |
| | Above 1GHz | Pe | ak | 1MHz | 10Hz | Ave | erage Value | |
| | Frequen | су | | Field Stre | • | | asurement nce (meters) | |
| | 0.009-0.490 | | | 2400/F(k | | 300 | | |
| | 0.490-1.705 | | | 24000/F(| KHz) | 30 | | |
| | 1.705-30 30-88 | | | 30 100 | | 30 | | |
| | 88-216 | | | 150 | | 3 | | |
| Limit: | 216-960 | | | 200 | | 3 | | |
| | Above 960 | | | 500 | | | 3 | |
| | II Frequency | | | Strength volts/meter) | Measurer Distan (meter | се | Detector | |
| | Above 1GHz | | | 500 | 3 | | Average | |
| | Above 19112 | | ; | 5000 3 | | | Peak | |
| | For radiated | emis | sions | below 30 | MHz | | | |
| Test setup: | Distance = 3m Computer Pre -Amplifier Turn table | | | | | | | |
| | | | Gro | ound Plane | | F | teceiver | |
| | 30MHz to 10 | SHz | | | | | | |



Test Procedure:

The EUT was placed on a turntable with 0.8 meter above ground. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower. 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. For the radiated emission test above 1GHz: Place the measurement antenna on a turntable with 1.5 meter above ground, which is away from each area of the EUT determined to be a source of emissions at the specified measurement distance, while keeping the measurement antenna aimed at the source of emissions at each frequency of significant emissions, with polarization oriented for maximum response. The measurement antenna may have to be higher or lower than the EUT, depending on the radiation pattern of the emission and staying aimed at the emission source for receiving the maximum signal. The final measurement antenna elevation shall be that which

| | maximizes the emissions. The measurement antenna elevation for maximum emissions shall be restricted to a range of heights of from 1 m to 4 m above the ground or reference ground plane. 2. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level 3. For measurement below 1GHz, 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. 4. Use the following spectrum analyzer settings: (1) Span shall wide enough to fully capture the emission being measured; (2) Set RBW=100 kHz for f < 1 GHz; VBW 承BW; Sweep = auto; Detector function = peak; Trace = max hold; (3) Set RBW = 1 MHz, VBW= 3MHz for f □ 1 GHz for peak measurement. For average measurement: VBW = 10 Hz, when duty cycle is no less than 98 percent. VBW ≥1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation. |
|--------------------------|---|
| Test mode: Test results: | Refer to section 4.1 for details |
| rest results: | PASS |

3.2.2. Test Data

Please refer to following diagram for individual

Frequency : 9KHz~30MHz

Test Mode : TX: channel Low, channel mid, channel high

Test Results : PASS

Note: 1. The test results are listed in next pages.

2. This mode is worst case mode, so this report only reflected the worst mode.

3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the quasi-peak detector need not be carried out.

| Freq. | Reading | Antenna Factor | Cable loss | Amp Factor | Result | Limit | Margin | Detect | State |
|-------|----------|-------------------|------------|---------------|----------|--------------------|--------|--------|-------|
| (MHz) | (dBuV/m) | dB/m | dB | dB | (dBuV/m) | (dBuV/m) at 3 m | (dB) | or | P/F |
| 0.125 | 48.23 | 48.34 | 0.16 | 29.87 | 66.86 | 126.77 | -59.91 | PK | PASS |
| 0.125 | 46.20 | 48.34 | 0.16 | 29.87 | 64.83 | 106.77 | -41.94 | AV | PASS |
| 0.175 | 92.03 | 48.34 | 0.16 | 29.87 | 110.66 | 122.95 | -12.29 | PK | PASS |
| 0.175 | 69.39 | 48.34 | 0.16 | 29.87 | 88.02 | 102.95 | -14.93 | AV | PASS |
| 0.205 | 48.27 | 48.38 | 0.17 | 29.89 | 66.93 | 120.76 | -53.83 | PK | PASS |
| 0.205 | 46.73 | 48.38 | 0.17 | 29.89 | 65.39 | 100.76 | -35.37 | AV | PASS |
| 0.35 | 47.99 | 48.44 | 0.19 | 29.89 | 66.73 | 117.78 | -51.05 | PK | PASS |
| 0.35 | 45.49 | 48.44 | 0.19 | 29.89 | 64.23 | 97.78 | 33.55 | AV | PASS |
| 0.45 | 48.29 | 48.47 | 0.19 | 29.89 | 67.06 | 115.35 | 48.29 | PK | PASS |
| 0.45 | 44.79 | 48.47 | 0.19 | 29.89 | 63.56 | 95.35 | -31.79 | AV | PASS |
| 1.928 | 16.19 | 49.12 | 0.2 | 29.94 | 35.57 | 60 | -24.43 | QP | PASS |
| 1.920 | 21.53 | 49.12 | 0.2 | 29.94 | 40.91 | 60 | -19.09 | QP | PASS |

Frequency 30MHz~1000MHz Range Test Mode Full Load **PASS** Test Results

Note: 1. The test results are listed in next pages.

2. This mode is worst case mode, so this report only reflected the worst mode.

3. If the limits for the measurement with the average detector are met when using a receiver with a peak detector, the test unit shall be deemed to meet both limits and the measurement with the guasi-peak detector need not be carried out.

| Frequency Range | : Above 1GHz | |
|--------------------|--------------|----------------|
| EUT | : / | Test Date : / |
| M/N | : / | Temperatur e / |
| Test Engineer | : / | Humidity : / |
| Test Mode | : / | |
| Test Results | : N/A | |

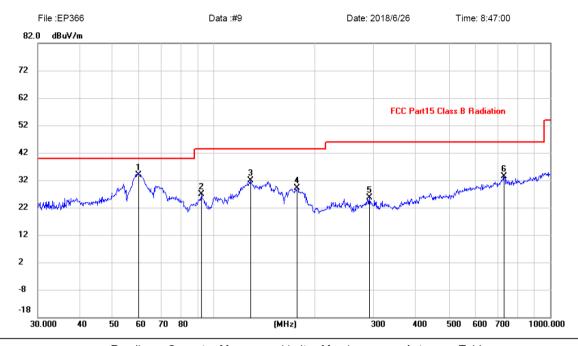
1. The highest frequency of the internal sources of the EUT is less than 108 MHz, Note: the measurement shall only be made up to 1 GHz. So the frequency rang above 1GHz radiation test not applicable.

Test result for Channel 125KHz, AC 120V/ 60Hz

30MHz-1GHz

Horizontal:

Radiated Emission Measurement



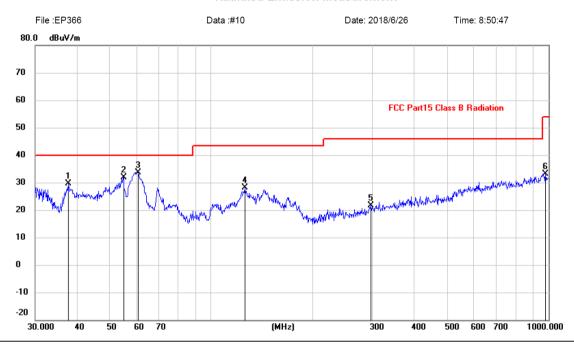
| MHz dBuV dB dBuV/m dBuV/m dB Detector cm degree Comment 1 * 59.8588 20.93 13.00 33.93 40.00 -6.07 QP 2 92.1386 16.92 9.90 26.82 43.50 -16.68 peak 3 129.0144 18.64 13.17 31.81 43.50 -11.69 peak 4 177.5089 16.47 12.55 29.02 43.50 -14.48 peak 5 290.0172 12.43 13.12 25.55 46.00 -20.45 peak 6 731.9202 12.07 21.37 33.44 46.00 -12.56 peak | No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|-------------------|-----------------|----------|
| 2 92.1386 16.92 9.90 26.82 43.50 -16.68 peak 3 129.0144 18.64 13.17 31.81 43.50 -11.69 peak 4 177.5089 16.47 12.55 29.02 43.50 -14.48 peak 5 290.0172 12.43 13.12 25.55 46.00 -20.45 peak | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 3 129.0144 18.64 13.17 31.81 43.50 -11.69 peak 4 177.5089 16.47 12.55 29.02 43.50 -14.48 peak 5 290.0172 12.43 13.12 25.55 46.00 -20.45 peak | 1 | * | 59.8588 | 20.93 | 13.00 | 33.93 | 40.00 | -6.07 | QP | | | |
| 4 177.5089 16.47 12.55 29.02 43.50 -14.48 peak 5 290.0172 12.43 13.12 25.55 46.00 -20.45 peak | 2 | | 92.1386 | 16.92 | 9.90 | 26.82 | 43.50 | -16.68 | peak | | | |
| 5 290.0172 12.43 13.12 25.55 46.00 -20.45 peak | 3 | | 129.0144 | 18.64 | 13.17 | 31.81 | 43.50 | -11.69 | peak | | | |
| | 4 | | 177.5089 | 16.47 | 12.55 | 29.02 | 43.50 | -14.48 | peak | | | |
| 6 731.9202 12.07 21.37 33.44 46.00 -12.56 peak | 5 | | 290.0172 | 12.43 | 13.12 | 25.55 | 46.00 | -20.45 | peak | | | |
| | 6 | | 731.9202 | 12.07 | 21.37 | 33.44 | 46.00 | -12.56 | peak | | | <u> </u> |

Note:1. *:Maximum data; x:Over limit; !:over margin.

^{2.}Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

Test result for Channel 125KHz, AC 120V/ 60Hz Vertical:

Radiated Emission Measurement



| No. | Mk. | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | Antenna Height | Table Degree | |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|-------------------|-----------------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 37.6796 | 15.86 | 13.82 | 29.68 | 40.00 | -10.32 | peak | | | |
| 2 | | 54.8348 | 18.52 | 13.27 | 31.79 | 40.00 | -8.21 | peak | | | |
| 3 | * | 60.7043 | 21.06 | 12.67 | 33.73 | 40.00 | -6.27 | peak | | | |
| 4 | | 126.3285 | 15.06 | 13.00 | 28.06 | 43.50 | -15.44 | peak | | | |
| 5 | | 297.2241 | 8.26 | 13.39 | 21.65 | 46.00 | -24.35 | peak | | | |
| 6 | | 979.1803 | 9.64 | 23.53 | 33.17 | 54.00 | -20.83 | peak | | | |

Note:1. *:Maximum data; x:Over limit; !:over margin.

Note:

Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

^{2.}Measurement=Reading Level+Correct Factor; Correct Factor=Antenna Factor+Cable Loss.

3.3. Test Specification

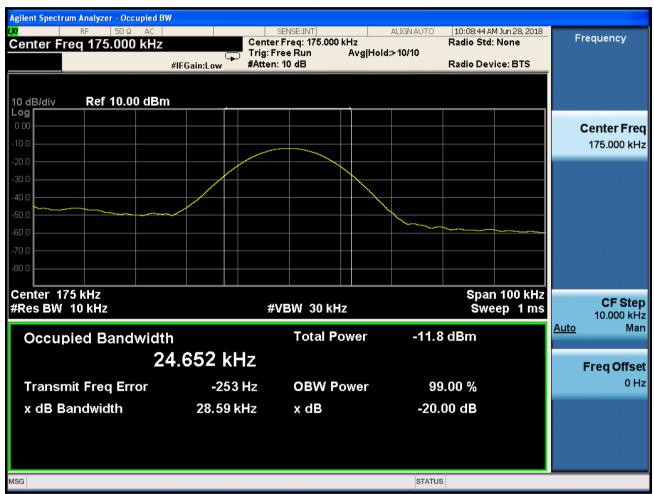
| Test Requirement: | FCC Part15 C Section 15.215(c) |
|-------------------|---|
| Test Method: | ANSI C63.10: 2013 |
| Limit: | N/A |
| Test Procedure: | According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT. Set to the maximum power setting and enable the EUT transmit continuously. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel; RBW ≥ 1% of the 20 dB bandwidth; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold. Measure and record the results in the test report. |
| Test setup: | Spectrum Analyzer EUT |
| Test Mode: | Refer to section 4.1 for details |
| Test results: | PASS |

3.3.1. Test data

| Frequency(KHz) | 20dB Occupy Bandwidth (kHz) | Limit (kHz) | Conclusion | |
|----------------|--------------------------------|-------------|------------|--|
| 175.0 | 28.59 | | PASS | |

Test plots as follows:

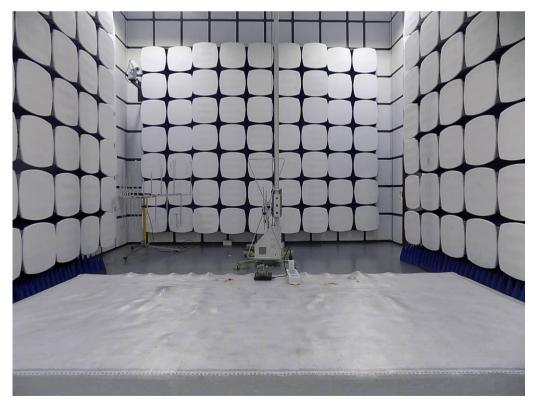
Lowest channel



4. Photos of test setup

Radiated Emission



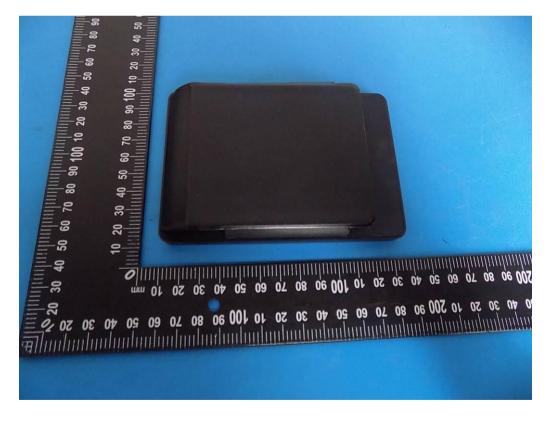


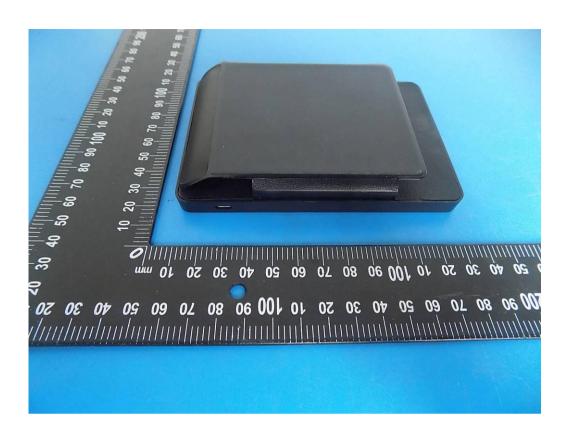
Conducted Emission



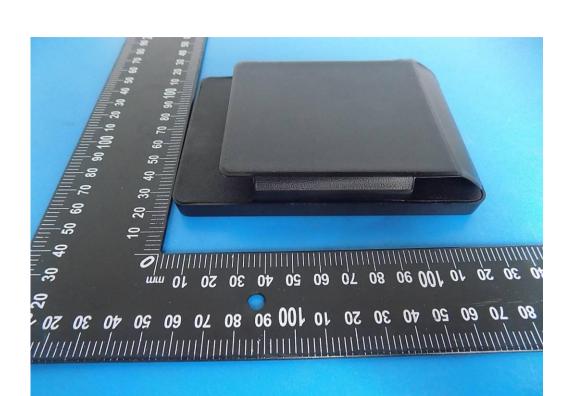
5. Photographs of EUT

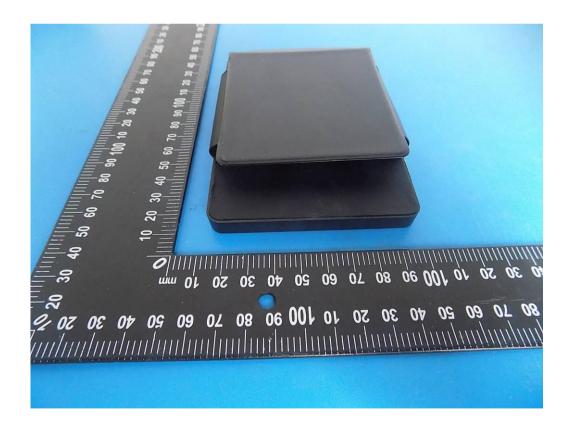




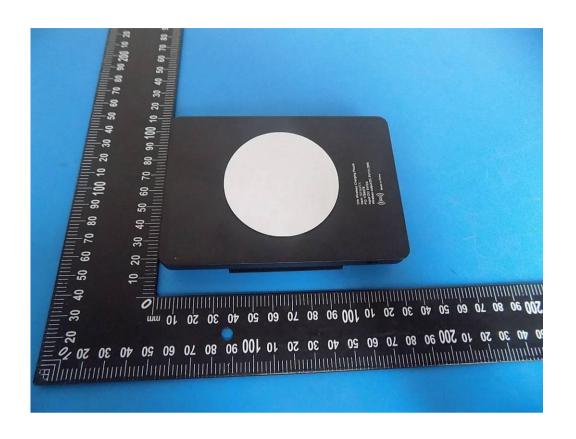






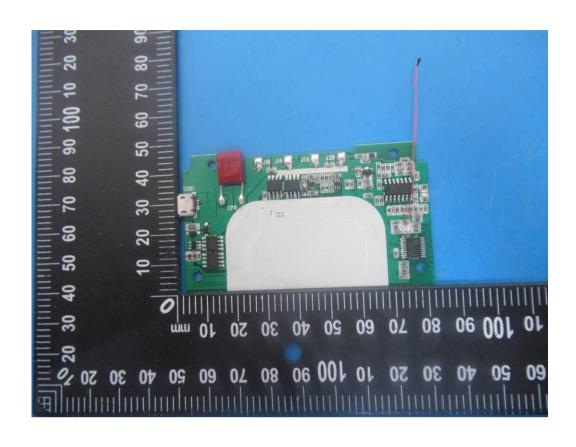


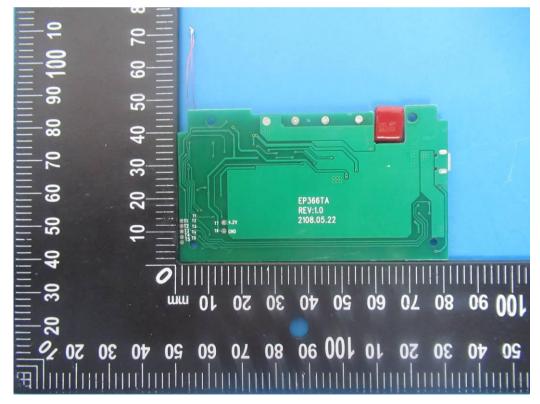












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