

FCC Test Report

Report No.: RF170614C22

FCC ID: K7SF8M747

Test Model: F8M741

Series Model: F8M747 (refer to item 3.1 for more details)

Received Date: Jun. 14, 2017

Test Date: Aug. 12 ~ Sep. 14, 2017

Issued Date: Sep. 14, 2017

Applicant: Belkin International, Inc.

Address: 12045 E. Waterfront Drive, Playa Vista, CA 90094 USA

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

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ROC

Test Location: No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City

33383, TAIWAN (R.O.C.)





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The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any government agencies.

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Release Control Record

| Issue No. | Description | Date Issued |
|-------------|------------------|---------------|
| RF170614C22 | Original release | Sep. 14, 2017 |



1 Certificate of Conformity

Product: Wireless Charging Pad

Brand: belkin

Model No.: F8M741

Series Model: F8M747 (refer to item 3.1 for more details)

Sample Status: Engineering sample

Applicant: Belkin International, Inc.

Test Date: Aug. 12 ~ Sep. 14, 2017

Standards: 47 CFR FCC Part 15, Subpart C (Section 15.209)

ANSI C63.10: 2013

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : , Date: Sep. 14, 2017

Suntee Liu / Specialist

Approved by: Sep. 14, 2017

Ken Liu / Senior Manager



2 Summary of Test Results

| 47 CFR FCC Part 15, Subpart C (Section 15.209) | | | | | | |
|--|-----------------------------|--------|---|--|--|--|
| FCC Clause | Test Item | Result | Remarks | | | |
| 15.207 | AC Power Conducted Emission | Pass | Meet the requirement of limit. Minimum passing margin is -6.31dB at 0.22422MHz. | | | |
| 15.209 | Radiated Emission Test | Pass | Meet the requirement of limit. Minimum passing margin is -4.00dB at 49.34MHz. | | | |

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

| Measurement | Frequency | Expanded Uncertainty (k=2) (±) |
|------------------------------------|------------------|--------------------------------|
| Conducted Emissions at mains ports | 150kHz ~ 30MHz | 2.94 dB |
| Dedicted Emissions up to 1 CHz | 30MHz ~ 200MHz | 3.86 dB |
| Radiated Emissions up to 1 GHz | 200MHz ~ 1000MHz | 3.87 dB |

2.2 Modification Record

There were no modifications required for compliance.



3 General Information

3.1 General Description of EUT

| Product | Wireless Charging Pad |
|---------------------|---------------------------------------|
| Test Model | F8M741 |
| Series Model | F8M747 |
| Model Difference | Refer to Note |
| Sample Status | Engineering sample |
| Power Supply Rating | 5Vdc (adapter / host) |
| Modulation Type | FSK |
| Operating Frequency | 112~205kHz |
| Antenna Type | Coil antenna |
| Accessory Device | Wall charger |
| Data Cable Supplied | 1.8 m shielded USB cable without core |

Note:

1. All models are listed as below. After the pretest, the model F8M741 is the worst case and representative for final test.

| Brand | Model | Difference | | |
|--------|--------|--|--|--|
| belkin | F8M741 | Wireless Charging Pad + Wall Charger + USB cable | | |
| belkin | F8M747 | Wireless Charging Pad + USB cable | | |

2. Model F8M741 includes following device.

| ar modern came or modern came and granteer | | | | | | | |
|--|--------|--------------|--|--|--|--|--|
| Item | Brand | Model | Specification | | | | |
| Wall charger | belkin | IF8M670 (US) | Input: 100-240Vac, 0.5A, 50-60Hz Output: 5Vdc, 2.1A | | | | |

- 3. The EUT has WPC (Wireless Power Consortium) technology.
- 4. Sample no. 016-001 & 016-003 are tested in this report. There is no difference between them.



3.1.1 Test Mode Applicability and Tested Channel Detail

| EUT Configure | Applicable to | | Description | |
|----------------------|---------------|--------------|---------------|--|
| Mode | RE<1G | PLC | Description | |
| Α | A √ √ | | Charging Mode | |
| В | √ | \checkmark | Standby Mode | |

Where RE<1G: Radiated Emission below 1GHz PLC: Power Line Conducted Emission

Radiated Emission Test (Below 1GHz):

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).
 Following channel(s) was (were) selected for the final test as listed below.

 EUT Configure Mode
 Operating Frequency
 Tested Frequency

 A, B
 112~205 kHz
 156 kHz

Power Line Conducted Emission Test:

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

Following channel(s) was (were) selected for the final test as listed below.

| EUT Configure Mode | Operating Frequency | Tested Frequency | |
|--------------------|---------------------|------------------|--|
| A, B | 112~205 kHz | 156 kHz | |

Test Condition:

| Applicable To | Environmental Conditions | Input Power | Tested by |
|---------------|--|--------------|----------------------------|
| RE<1G | 23 deg. C, 68% RH 19 deg. C, 66% RH | 120Vac, 60Hz | Willy Cheng Jones Chang |
| PLC | 24 deg. C, 66% RH | 120Vac, 60Hz | Willy Cheng |



3.2 Description of Support Units

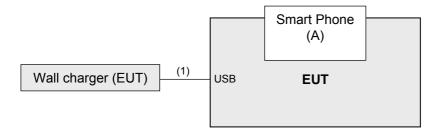
The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

| ID | Product | Brand | Model No. | Serial No. | FCC ID | Remarks |
|----|-------------|---------|-----------|------------|------------------|---------|
| A. | Smart Phone | Samsung | Galaxy S8 | NA | FCC DoC Approved | - |

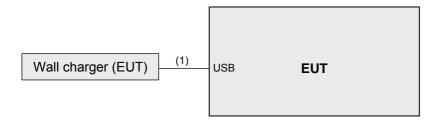
| ID | Descriptions | Qty. | Length (m) | Shielding (Yes/No) | Cores (Qty.) | Remarks |
|----|--------------|------|------------|-----------------------|--------------|------------------|
| 1. | USB | 1 | 1.8 | Y | 0 | Accessory of EUT |

3.2.1 Configuration of System under Test

Test Mode A



Test Mode B



3.3 General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

FCC Part 15, Subpart C (15.209)

ANSI C63.10-2013

All test items have been performed and recorded as per the above standards.



4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

FOR FREQUENCY BELOW 30MHz

| Frequency | Field Streng | gth (dBuV/m) | Measurement Distance |
|---------------|-----------------|--------------|----------------------|
| (MHz) | | | (meters) |
| 0.009 - 0.490 | 2400 / F (kHz) | 48.52-13.80 | 300 |
| 0.490 – 1.705 | 24000 / F (kHz) | 33.80-22.97 | 30 |
| 1.705 – 30.0 | 30 | 29.54 | 30 |

FOR FREQUENCY BETWEEN 30-1000MHz

| Frequency | Class A | (at 10m) | Class B (at 3m) | | |
|-----------|---------|----------|-----------------|--------|--|
| (MHz) | uV/m | dBuV/m | uV/m | dBuV/m | |
| 30-88 | 90 | 39.1 | 100 | 40.0 | |
| 88-216 | 150 | 43.5 | 150 | 43.5 | |
| 216-960 | 210 | 46.4 | 200 | 46.0 | |
| Above 960 | 300 | 49.5 | 500 | 54.0 | |



4.1.2 Test Instruments

| Description & Manufacturer | Model No. | Serial No. | Cal. Date | Cal. Due |
|-----------------------------------|------------------------------|---------------------------|---------------|---------------|
| Test Receiver ROHDE & SCHWARZ | ESIB7 | 100187 | May 02, 2017 | May 01, 2018 |
| Spectrum Analyzer ROHDE & SCHWARZ | FSP40 | 100041 | Nov. 16, 2016 | Nov. 15, 2017 |
| BILOG Antenna SCHWARZBECK | VULB9168 | 9168-171 | Dec. 28, 2016 | Dec. 27, 2017 |
| HORN Antenna SCHWARZBECK | 9120D | 209 | Dec. 27, 2016 | Dec. 26, 2017 |
| HORN Antenna SCHWARZBECK | BBHA 9170 | BBHA9170241 | Dec. 14, 2016 | Dec. 13, 2017 |
| Loop Antenna | EM-6879 | 269 | Aug. 11, 2017 | Aug. 10, 2018 |
| Preamplifier | 8447D | 2944A10738 | Aug. 22, 2016 | Aug. 21, 2017 |
| Agilent | 0447D | 2944A10736 | Aug. 21, 2017 | Aug. 20, 2018 |
| Preamplifier Agilent | 8449B | 3008A01922 | Sep. 18, 2016 | Sep. 17, 2017 |
| RF signal cable | SUCOFLEX 104 | Cable-CH3-03 (223653/4) | Aug. 22, 2016 | Aug. 21, 2017 |
| HUBER+SUHNER | SUCUPLEX 104 | Cable-Ci 13-03 (223033/4) | Aug. 21, 2017 | Aug. 20, 2018 |
| RF signal cable | SUCOFLEX 106 | Cable-CH3-03 | Aug. 22, 2016 | Aug. 21, 2017 |
| HUBER+SUHNER | SUCUPLEX 100 | (309224+12738) | Aug. 21, 2017 | Aug. 20, 2018 |
| Software BV ADT | ADT_Radiated_ V7.6.15.9.4 | NA | NA | NA |
| Antenna Tower inn-co GmbH | MA 4000 | 013303 | NA | NA |
| Antenna Tower Controller BV ADT | AT100 | AT93021702 | NA | NA |
| Turn Table BV ADT | TT100 | TT93021702 | NA | NA |
| Turn Table Controller BV ADT | SC100 | SC93021702 | NA | NA |

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

- 2. The test was performed in HwaYa Chamber 3.
- 3. The horn antenna and preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
- 4. The FCC Designation Number is TW0003. The number will be varied with the Lab location and scope as attached.
- 5. The IC Site Registration No. is IC 7450F-3.



4.1.3 Test Procedures

For Frequency range 9kHz~30MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter Semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation. Then the Loop antenna was rotated 360 degrees to determine the position of the highest radiation.
- b. The antenna is a broadband loop antenna, which is fixed of a 1m height above the ground, and set away from 3m to the EUT to find the disturbance reading on each frequency.
- c. The test-receiver system was set to Quasi-peak detect function and specified bandwidth.

For Frequency range 30~1000MHz

- a. The EUT was placed on the top of a rotating table 0.8 meters (for below 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.
- f. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

- 1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 2. All modes of operation were investigated and the worst-case emissions are reported.

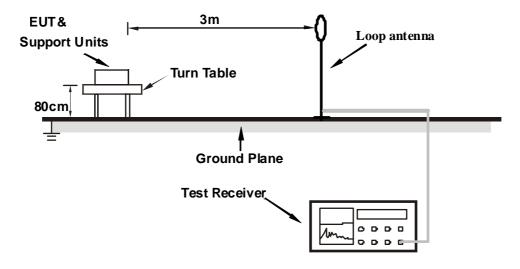
4.1.4 Deviation from Test Standard

No deviation.

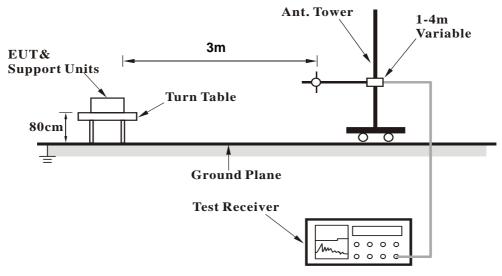


4.1.5 Test Set Up

For Frequency range 9kHz~30MHz



For Frequency range 30~1000MHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT Operating Conditions

Test Mode A

- a. EUT was powered by adapter.
- b. Smart phone was charged by EUT through wireless.

Test Mode B

a. EUT was powered by adapter.



4.1.7 Test Results

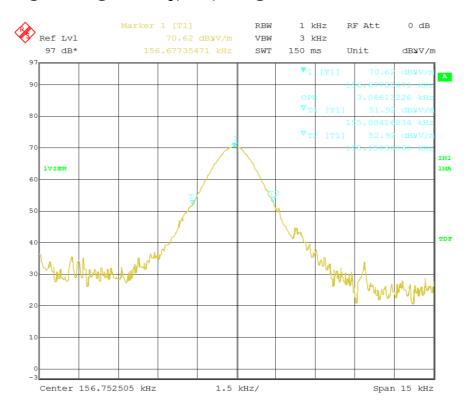
Below 30MHz Data:

Charging Mode

| Frequency | 156 kHz | - Detector Function Average | | | | |
|-----------------|--|-----------------------------|---------|--|--|--|
| Frequency Range | 9 kHz ~ 30 MHz | Detector Function | Average | | | |
| Test Mode | A, Sample no. 016-001, Charging Mode 10% | | | | | |

| | ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA OPEN AT 3m | | | | | | | |
|-----|---|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | *0.156 | 70.6 | 103.7 | -33.1 | 1.00 | 0 | 50.3 | 20.3 |
| | 1A | NTENNA POI | ARITY & TE | ST DISTANC | E: LOOP AN | ITENNA CLO | SE AT 3m | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | *0.156 | 66.1 | 103.7 | -37.6 | 1.00 | 88 | 45.8 | 20.3 |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. " * ": Fundamental frequency.
- 6. Loop antenna was used for all radiated emission below 30MHz.
- 7. Limit @3m=Limit@300m+40log(300 / 3)=Limit@300m+80
- 8. Limit @3m=Limit@30m+40log(30 / 3)=Limit@30m+40





| Frequency | 156 kHz | Detector Function | Average | | | |
|-----------------|--|-------------------|---------|--|--|--|
| Frequency Range | 9 kHz ~ 30 MHz | Detector Function | Average | | | |
| Test Mode | A, Sample no. 016-001, Charging Mode 50% | | | | | |

| | ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA OPEN AT 3m | | | | | | | |
|-----|---|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | *0.156 | 70.3 | 103.7 | -33.4 | 1.00 | 0 | 50.0 | 20.3 |
| | 1A | NTENNA POL | ARITY & TE | ST DISTANC | E: LOOP AN | TENNA CLO | SE AT 3m | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | *0.156 | 65.4 | 103.7 | -38.3 | 1.00 | 88 | 45.1 | 20.3 |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. " * ": Fundamental frequency.
- 6. Loop antenna was used for all radiated emission below 30MHz.
- 7. Limit @3m=Limit@300m+40log(300 / 3)=Limit@300m+80
- 8. Limit @3m=Limit@30m+40log(30 / 3)=Limit@30m+40



| Frequency | 156 kHz | Detector Function Average | | | | |
|-----------------|--|---------------------------|---------|--|--|--|
| Frequency Range | 9 kHz ~ 30 MHz | Detector Function | Average | | | |
| Test Mode | A, Sample no. 016-001, Charging Mode 90% | | | | | |

| | ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA OPEN AT 3m | | | | | | | |
|-----|---|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | *0.156 | 70.0 | 103.7 | -33.7 | 1.00 | 0 | 49.7 | 20.3 |
| | 1A | NTENNA POI | ARITY & TE | ST DISTANC | E: LOOP AN | TENNA CLO | SE AT 3m | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | *0.156 | 65.1 | 103.7 | -38.6 | 1.00 | 88 | 44.8 | 20.3 |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. " * ": Fundamental frequency.
- 6. Loop antenna was used for all radiated emission below 30MHz.
- 7. Limit @3m=Limit@300m+40log(300 / 3)=Limit@300m+80
- 8. Limit @3m=Limit@30m+40log(30 / 3)=Limit@30m+40



| Frequency | 156 kHz | Detector Function | Overi Book | | | |
|-----------------|--|-------------------|------------|--|--|--|
| Frequency Range | 9 kHz ~ 30 MHz | Detector Function | Quasi-Peak | | | |
| Test Mode | A, Sample no. 016-001, Charging Mode 10% | | | | | |

| | ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA OPEN AT 3m | | | | | | | | |
|-----|---|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|--|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 0.609 | 57.60 | 71.90 | -14.30 | 1.00 | 101 | 37.30 | 20.30 | |
| 2 | 1.149 | 54.80 | 66.40 | -11.60 | 1.00 | 334 | 34.50 | 20.30 | |
| 3 | 2.528 | 49.60 | 69.50 | -19.90 | 1.00 | 109 | 29.30 | 20.30 | |
| 4 | 6.247 | 45.20 | 69.50 | -24.30 | 1.00 | 325 | 24.70 | 20.50 | |
| 5 | 21.663 | 45.00 | 69.50 | -24.50 | 1.00 | 151 | 24.60 | 20.40 | |
| 6 | 23.042 | 44.50 | 69.50 | -25.00 | 1.00 | 351 | 24.00 | 20.50 | |
| | 1A | NTENNA POI | ARITY & TE | ST DISTANC | E: LOOP AN | ITENNA CLO | SE AT 3m | | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 0.369 | 62.60 | 96.30 | -33.70 | 1.00 | 8 | 42.30 | 20.30 | |
| 2 | 1.449 | 55.20 | 64.40 | -9.20 | 1.00 | 280 | 34.90 | 20.30 | |
| 3 | 3.548 | 49.70 | 69.50 | -19.80 | 1.00 | 263 | 29.30 | 20.40 | |
| 4 | 8.406 | 44.90 | 69.50 | -24.60 | 1.00 | 168 | 24.50 | 20.40 | |
| 5 | 13.685 | 44.80 | 69.50 | -24.70 | 1.00 | 325 | 24.30 | 20.50 | |
| 6 | 26.281 | 43.50 | 69.50 | -26.00 | 1.00 | 8 | 22.80 | 20.70 | |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. " * ": Fundamental frequency.
- 6. Loop antenna was used for all radiated emission below 30MHz.
- 7. Limit @3m=Limit@300m+40log(300 / 3)=Limit@300m+80
- 8. Limit @3m=Limit@30m+40log(30 / 3)=Limit@30m+40
- 9. The charging mode 10% is the worst case of 10%, 50% 90%.

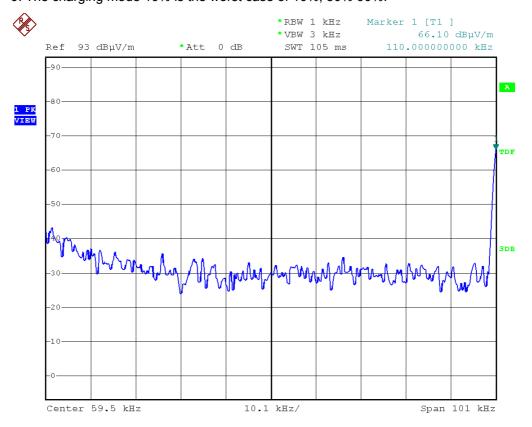


Bandedge from 112 kHz

| Frequency | 112 kHz | Potenter Function Quasi Book | | | | |
|-----------------|--|------------------------------|------------|--|--|--|
| Frequency Range | 9 kHz ~ 30 MHz | Detector Function | Quasi-Peak | | | |
| Test Mode | A, Sample no. 016-001, Charging Mode 10% | | | | | |

| | ANTENNA POLARITY & TEST DISTANCE: LOOP ANTENNA OPEN AT 3m | | | | | | | | |
|-----|---|------------|------------|----------------|------------|-----------|----------|------------|------------|
| | Freq. | Emission | | Emission Limit | Margin | Antenna | Table | Raw | Correction |
| No. | (MHz) | Level | (dBuV/m) | | Height | Angle | Value | Factor | |
| | (IVITIZ) | (dBuV/m) | (ubuv/III) | (dB) | (m) | (Degree) | (dBuV) | (dB/m) | |
| 1 | 0.110 | 66.1 | 74.0 | -7.9 | 1.00 | 288 | 45.8 | 20.30 | |
| 2 | 0.110 | 36.3 | 54.0 | -17.7 | 1.00 | 288 | 16.0 | 20.30 | |
| | 1A | NTENNA POL | ARITY & TE | ST DISTANC | E: LOOP AN | TENNA CLO | SE AT 3m | | |
| | Frog | Emission | Limit | Morgin | Antenna | Table | Raw | Correction | |
| No. | Freq. (MHz) | Level | (dBuV/m) | Margin | Height | Angle | Value | Factor | |
| | (IVITZ) | (dBuV/m) | (ubuv/III) | (dB) | (m) | (Degree) | (dBuV) | (dB/m) | |
| 1 | 0.110 | 60.6 | 74.0 | -13.4 | 1.00 | 212 | 40.3 | 20.30 | |
| 2 | 0.110 | 33.0 | 54.0 | -21.0 | 1.00 | 212 | 12.7 | 20.30 | |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. " * ": Fundamental frequency.
- 6. Loop antenna was used for all radiated emission below 30MHz.
- 7. Limit @3m=Limit@300m+40log(300 / 3)=Limit@300m+80
- 8. Limit @3m=Limit@30m+40log(30 / 3)=Limit@30m+40
- 9. The charging mode 10% is the worst case of 10%, 50% 90%.





Standby Mode

| Frequency | 175 kHz | Data star Eurotian | Ougai Dogle | |
|-----------------|-----------------------|--------------------|-------------|--|
| Frequency Range | 9 kHz ~ 30 MHz | Detector Function | Quasi-Peak | |
| Test Mode | B, Sample no. 016-001 | | | |

| | A | NTENNA PO | LARITY & TE | EST DISTAN | CE: LOOP AN | NTENNA OPE | EN AT 3m | |
|------|------------|----------------------|-------------|--------------|-------------------|----------------|--------------|----------------------|
| No. | Freq. | Freq. Emission Level | l in | Limit Margin | Antenna Height | Table Angle | Raw Value | Correction Factor |
| 140. | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (m) | (Degree) | (dBuV) | (dB/m) |
| 1 | 0.175 | 66.00 | 102.70 | -36.70 | 1.00 | 177 | 45.70 | 20.30 |
| 2 | 0.255 | 51.90 | 99.50 | -47.60 | 1.00 | 152 | 31.60 | 20.30 |
| 3 | 1.329 | 55.30 | 65.10 | -9.80 | 1.00 | 230 | 35.00 | 20.30 |
| 4 | 2.588 | 49.70 | 69.50 | -19.80 | 1.00 | 305 | 29.40 | 20.30 |
| 5 | 3.548 | 48.80 | 69.50 | -20.70 | 1.00 | 104 | 28.40 | 20.40 |
| 6 | 11.526 | 44.40 | 69.50 | -25.10 | 1.00 | 345 | 23.90 | 20.50 |
| 7 | 21.003 | 45.90 | 69.50 | -23.60 | 1.00 | 126 | 25.50 | 20.40 |
| | 1A | NTENNA POI | ARITY & TE | ST DISTANC | E: LOOP AN | ITENNA CLO | SE AT 3m | |
| | Г., о., о. | Emission | Limit | Morain | Antenna | Table | Raw | Correction |
| No. | Freq. | Level | | Margin | Height | Angle | Value | Factor |
| | (MHz) | (dBuV/m) | (dBuV/m) | (dB) | (m) | (Degree) | (dBuV) | (dB/m) |
| 1 | 0.175 | 62.00 | 102.70 | -40.70 | 1.00 | 222 | 41.70 | 20.30 |
| 2 | 0.255 | 51.20 | 99.50 | -48.30 | 1.00 | 305 | 30.90 | 20.30 |
| 3 | 1.389 | 55.40 | 64.80 | -9.40 | 1.00 | 173 | 35.10 | 20.30 |
| 4 | 3.548 | 50.40 | 69.50 | -19.10 | 1.00 | 265 | 30.00 | 20.40 |
| 5 | 8.346 | 44.80 | 69.50 | -24.70 | 1.00 | 118 | 24.40 | 20.40 |
| 6 | 23.462 | 43.30 | 69.50 | -26.20 | 1.00 | 291 | 22.80 | 20.50 |
| 7 | 29.400 | 42.70 | 69.50 | -26.80 | 1.00 | 290 | 22.20 | 20.50 |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) Pre-Amplifier Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. Loop antenna was used for all radiated emission below 30MHz.
- 6. Limit @3m=Limit@300m+40log(300 / 3)=Limit@300m+80
- 7. Limit @3m=Limit@30m+40log(30 / 3)=Limit@30m+40



Below 1GHz Data:

Charging Mode

| Frequency | 156 kHz | Detector Function | Ougoi Dogle | | |
|-----------------|----------------------------|--|-------------|--|--|
| Frequency Range | 30 MHz ~ 1GHz | Detector Function | Quasi-Peak | | |
| Test Mode | A, Sample no. 016-001, Cha | A, Sample no. 016-001, Charging Mode 10% | | | |

| | Antenna Polarity & Test Distance: Horizontal At 3m | | | | | | | | | |
|-----|--|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|--|--|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | | |
| 1 | 57.12 | 26.90 QP | 40.00 | -13.10 | 1.99 H | 247 | 41.50 | -14.60 | | |
| 2 | 70.73 | 24.00 QP | 40.00 | -16.00 | 1.99 H | 125 | 40.40 | -16.40 | | |
| 3 | 132.95 | 26.50 QP | 43.50 | -17.00 | 1.99 H | 78 | 41.50 | -15.00 | | |
| 4 | 167.94 | 27.10 QP | 43.50 | -16.40 | 1.49 H | 239 | 41.00 | -13.90 | | |
| 5 | 265.16 | 26.40 QP | 46.00 | -19.60 | 1.00 H | 83 | 39.70 | -13.30 | | |
| 6 | 282.66 | 25.10 QP | 46.00 | -20.90 | 1.00 H | 261 | 37.50 | -12.40 | | |
| | | , | Antenna Pola | rity & Test Di | stance: Vertic | cal At 3m | | | | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | | |
| 1 | 33.79 | 31.80 QP | 40.00 | -8.20 | 1.49 V | 307 | 47.70 | -15.90 | | |
| 2 | 49.34 | 36.00 QP | 40.00 | -4.00 | 1.00 V | 0 | 50.30 | -14.30 | | |
| 3 | 50.36 | 35.10 QP | 40.00 | -4.90 | 1.00 V | 0 | 49.50 | -14.40 | | |
| 4 | 66.84 | 26.70 QP | 40.00 | -13.30 | 1.00 V | 166 | 42.60 | -15.90 | | |
| 5 | 129.06 | 26.20 QP | 43.50 | -17.30 | 1.00 V | 143 | 41.80 | -15.60 | | |
| 6 | 167.94 | 27.70 QP | 43.50 | -15.80 | 1.00 V | 178 | 41.60 | -13.90 | | |
| 7 | 259.33 | 21.80 QP | 46.00 | -24.20 | 1.99 V | 160 | 35.40 | -13.60 | | |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. The charging mode 10% is the worst case of 10%, 50% 90%.



| Frequency | 156 kHz | Detector Function | Overi Beek | | |
|-----------------|----------------------------|--|------------|--|--|
| Frequency Range | 30 MHz ~ 1GHz | Detector Function | Quasi-Peak | | |
| Test Mode | A, Sample no. 016-003, Cha | A, Sample no. 016-003, Charging Mode 10% | | | |

| | Antenna Polarity & Test Distance: Horizontal At 3m | | | | | | | | |
|-----|--|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|--|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 57.12 | 27.40 QP | 40.00 | -12.60 | 2.00 H | 79 | 42.00 | -14.60 | |
| 2 | 74.62 | 29.00 QP | 40.00 | -11.00 | 1.50 H | 226 | 46.20 | -17.20 | |
| 3 | 142.67 | 28.80 QP | 43.50 | -14.70 | 1.50 H | 248 | 42.90 | -14.10 | |
| 4 | 162.11 | 27.90 QP | 43.50 | -15.60 | 1.50 H | 105 | 41.60 | -13.70 | |
| 5 | 265.16 | 28.30 QP | 46.00 | -17.70 | 1.00 H | 96 | 41.60 | -13.30 | |
| 6 | 745.40 | 32.20 QP | 46.00 | -13.80 | 1.00 H | 299 | 34.50 | -2.30 | |
| | | , | Antenna Pola | rity & Test Di | stance: Vertic | cal At 3m | | | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 33.79 | 33.00 QP | 40.00 | -7.00 | 1.99 V | 220 | 48.90 | -15.90 | |
| 2 | 51.29 | 34.40 QP | 40.00 | -5.60 | 1.00 V | 355 | 48.80 | -14.40 | |
| 3 | 131.00 | 25.60 QP | 43.50 | -17.90 | 1.00 V | 200 | 41.00 | -15.40 | |
| 4 | 167.94 | 26.20 QP | 43.50 | -17.30 | 1.00 V | 43 | 40.10 | -13.90 | |
| 5 | 263.21 | 23.10 QP | 46.00 | -22.90 | 1.99 V | 122 | 36.50 | -13.40 | |
| 6 | 747.34 | 34.00 QP | 46.00 | -12.00 | 1.00 V | 6 | 36.30 | -2.30 | |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value
- 5. The charging mode 10% is the worst case of 10%, 50% 90%.



Standby Mode

| Frequency | 175 kHz | Detector Function | Ougai Dogle | |
|-----------------|-----------------------|-------------------|-------------|--|
| Frequency Range | 30 MHz ~ 1GHz | Detector Function | Quasi-Peak | |
| Test Mode | B, Sample no. 016-001 | | | |

| | Antenna Polarity & Test Distance: Horizontal At 3m | | | | | | | | |
|-----|--|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|--|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 57.12 | 27.10 QP | 40.00 | -12.90 | 1.99 H | 221 | 41.70 | -14.60 | |
| 2 | 70.73 | 24.10 QP | 40.00 | -15.90 | 1.99 H | 13 | 40.50 | -16.40 | |
| 3 | 167.94 | 23.40 QP | 43.50 | -20.10 | 1.51 H | 104 | 37.30 | -13.90 | |
| 4 | 269.05 | 22.70 QP | 46.00 | -23.30 | 1.01 H | 109 | 35.70 | -13.00 | |
| 5 | 377.93 | 23.00 QP | 46.00 | -23.00 | 1.01 H | 23 | 33.50 | -10.50 | |
| 6 | 502.36 | 25.80 QP | 46.00 | -20.20 | 1.51 H | 10 | 33.50 | -7.70 | |
| | | 1 | Antenna Pola | rity & Test Di | stance: Vertic | cal At 3m | | | |
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) | |
| 1 | 31.84 | 29.50 QP | 40.00 | -10.50 | 1.00 V | 254 | 45.90 | -16.40 | |
| 2 | 51.29 | 28.70 QP | 40.00 | -11.30 | 1.00 V | 14 | 43.10 | -14.40 | |
| 3 | 132.95 | 23.00 QP | 43.50 | -20.50 | 1.00 V | 200 | 38.00 | -15.00 | |
| 4 | 169.89 | 22.80 QP | 43.50 | -20.70 | 1.00 V | 200 | 36.70 | -13.90 | |
| 5 | 261.27 | 19.20 QP | 46.00 | -26.80 | 1.49 V | 194 | 32.80 | -13.60 | |
| 6 | 502.36 | 26.40 QP | 46.00 | -19.60 | 1.00 V | 154 | 34.10 | -7.70 | |

- 1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
- 2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB)
- 3. The other emission levels were very low against the limit.
- 4. Margin value = Emission Level Limit value



4.2 Conducted Emission Measurement

4.2.1 Limits of Conducted Emission Measurement

| Frequency (MHz) | Conducted Limit (dBuV) | | | | |
|-------------------|------------------------|---------|--|--|--|
| Frequency (Wiriz) | Quasi-peak | Average | | | |
| 0.15 - 0.5 | 66 - 56 | 56 - 46 | | | |
| 0.50 - 5.0 | 56 | 46 | | | |
| 5.0 - 30.0 | 60 | 50 | | | |

Note: 1. The lower limit shall apply at the transition frequencies.

4.2.2 Test Instruments

| Description & Manufacturer | Model No. | Serial No. | Cal. Date | Cal. Due |
|--|--------------------------|----------------|---------------|---------------|
| Test Receiver | ESCS 30 | 100288 | Aug. 18, 2016 | Aug. 17, 2017 |
| ROHDE & SCHWARZ | L3C3 30 | 100200 | Aug. 18, 2017 | Aug. 17, 2018 |
| RF signal cable (with 10dB PAD) Woken | 5D-FB | Cable-cond2-01 | Dec. 22, 2016 | Dec. 21, 2017 |
| LISN ROHDE & SCHWARZ (EUT) | ESH2-Z5 | 100100 | Jan. 17, 2017 | Jan. 16, 2018 |
| LISN ROHDE & SCHWARZ (Peripheral) | ESH3-Z5 | 100312 | Aug. 02, 2017 | Aug. 01, 2018 |
| Software ADT | BV ADT_Cond_ V7.3.7.3 | NA | NA | NA |

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

- 2. The test was performed in HwaYa Shielded Room 2.
- 3. The VCCI Site Registration No. is C-2047.

^{2.} The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.



4.2.3 Test Procedures

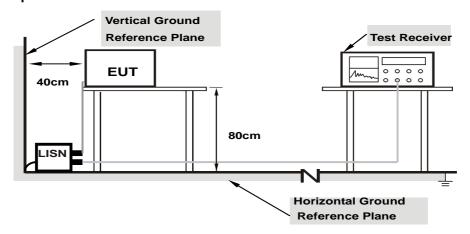
- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit 20dB) were not recorded.

NOTE: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

4.2.4 Deviation from Test Standard

No deviation.

4.2.5 Test Setup



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.2.6 EUT Operating Conditions

Same as 4.1.6.



4.2.7 Test Results

Charging Mode

| Phase | Line (L) | Detector Function | Quasi-Peak (QP) / Average (AV) |
|-----------|-----------------------|-------------------|-----------------------------------|
| Test Mode | A, Sample no. 016-001 | | |

| | F*** | Corr. | Reading Value | | Emission Level | | Limit | | Margin | |
|----------|---------|--------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| No Freq. | | Factor | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | [MHz] | (dB) | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.20859 | 10.21 | 45.17 | 26.76 | 55.38 | 36.97 | 63.26 | 53.26 | -7.88 | -16.29 |
| 2 | 0.22422 | 10.22 | 46.13 | 26.47 | 56.35 | 36.69 | 62.66 | 52.66 | -6.31 | -15.97 |
| 3 | 0.33359 | 10.27 | 37.43 | 18.72 | 47.70 | 28.99 | 59.36 | 49.36 | -11.66 | -20.37 |
| 4 | 0.49375 | 10.29 | 25.34 | 7.91 | 35.63 | 18.20 | 56.10 | 46.10 | -20.47 | -27.90 |
| 5 | 0.62656 | 10.28 | 25.83 | 13.74 | 36.11 | 24.02 | 56.00 | 46.00 | -19.89 | -21.98 |
| 6 | 0.74375 | 10.28 | 24.70 | 13.08 | 34.98 | 23.36 | 56.00 | 46.00 | -21.02 | -22.64 |

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.

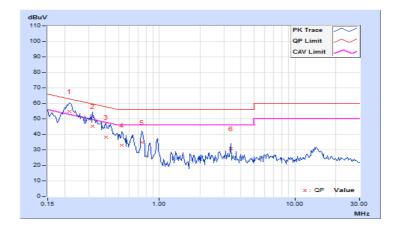




| Phase | Neutral (N) | Detector Function | Quasi-Peak (QP) / Average (AV) |
|-----------|-----------------------|-------------------|-----------------------------------|
| Test Mode | A, Sample no. 016-001 | | |

| | Ггод | Corr. | Reading Value | | Emission Level | | Limit | | Margin | |
|----------|---------|--------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| No Freq. | | Factor | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | [MHz] | (dB) | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.21641 | 9.98 | 44.66 | 25.28 | 54.64 | 35.26 | 62.96 | 52.96 | -8.32 | -17.70 |
| 2 | 0.32188 | 10.00 | 35.23 | 16.21 | 45.23 | 26.21 | 59.66 | 49.66 | -14.43 | -23.45 |
| 3 | 0.40391 | 10.02 | 28.00 | 10.66 | 38.02 | 20.68 | 57.77 | 47.77 | -19.75 | -27.09 |
| 4 | 0.52891 | 10.02 | 22.77 | 5.86 | 32.79 | 15.88 | 56.00 | 46.00 | -23.21 | -30.12 |
| 5 | 0.73984 | 10.03 | 24.92 | 11.52 | 34.95 | 21.55 | 56.00 | 46.00 | -21.05 | -24.45 |
| 6 | 3.37109 | 10.14 | 20.70 | 15.75 | 30.84 | 25.89 | 56.00 | 46.00 | -25.16 | -20.11 |

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.





Standby Mode

| Phase | Line (L) | Detector Function | Quasi-Peak (QP) / Average (AV) |
|-----------|-----------------------|-------------------|-----------------------------------|
| Test Mode | B, Sample no. 016-001 | | |

| | Frog | Corr. | Reading Value | | Emission Level | | Limit | | Margin | |
|----------|---------|--------|---------------|------|----------------|-------|-----------|-------|--------|--------|
| No Freq. | | Factor | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | [MHz] | (dB) | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.16953 | 10.21 | 18.14 | 2.60 | 28.35 | 12.81 | 64.98 | 54.98 | -36.63 | -42.17 |
| 2 | 0.25156 | 10.23 | 15.80 | 5.98 | 26.03 | 16.21 | 61.71 | 51.71 | -35.68 | -35.50 |
| 3 | 0.32578 | 10.27 | 13.18 | 3.02 | 23.45 | 13.29 | 59.56 | 49.56 | -36.11 | -36.27 |
| 4 | 0.56016 | 10.29 | 8.29 | 0.19 | 18.58 | 10.48 | 56.00 | 46.00 | -37.42 | -35.52 |
| 5 | 0.77891 | 10.27 | 17.61 | 8.21 | 27.88 | 18.48 | 56.00 | 46.00 | -28.12 | -27.52 |
| 6 | 1.46875 | 10.27 | 8.77 | 1.41 | 19.04 | 11.68 | 56.00 | 46.00 | -36.96 | -34.32 |

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.

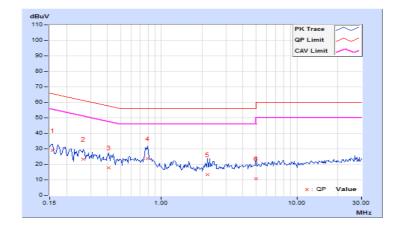




| Phase | Neutral (N) | Detector Function | Quasi-Peak (QP) / Average (AV) |
|-----------|-----------------------|-------------------|-----------------------------------|
| Test Mode | B, Sample no. 016-001 | | |

| | Ггод | Corr. | Reading Value | | Emission Level | | Limit | | Margin | |
|----------|---------|--------|---------------|-------|----------------|-------|-----------|-------|--------|--------|
| No Freq. | | Factor | [dB (uV)] | | [dB (uV)] | | [dB (uV)] | | (dB) | |
| | [MHz] | (dB) | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| 1 | 0.15781 | 9.96 | 18.87 | 5.92 | 28.83 | 15.88 | 65.58 | 55.58 | -36.75 | -39.70 |
| 2 | 0.26719 | 9.99 | 13.30 | 1.04 | 23.29 | 11.03 | 61.20 | 51.20 | -37.91 | -40.17 |
| 3 | 0.40781 | 10.02 | 7.77 | -1.53 | 17.79 | 8.49 | 57.69 | 47.69 | -39.90 | -39.20 |
| 4 | 0.79063 | 10.03 | 13.85 | 2.98 | 23.88 | 13.01 | 56.00 | 46.00 | -32.12 | -32.99 |
| 5 | 2.20313 | 10.09 | 3.25 | -4.46 | 13.34 | 5.63 | 56.00 | 46.00 | -42.66 | -40.37 |
| 6 | 4.98047 | 10.21 | 0.49 | -5.75 | 10.70 | 4.46 | 56.00 | 46.00 | -45.30 | -41.54 |

- 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
- 2. The emission levels of other frequencies were very low against the limit.
- 3. Margin value = Emission level Limit value
- 4. Correction factor = Insertion loss + Cable loss
- 5. Emission Level = Correction Factor + Reading Value.





| 5 Pictures of Test Arrangements | |
|---|--|
| Please refer to the attached file (Test Setup Photo). | |
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Appendix - Information on the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited and approved according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

Linko EMC/RF Lab

Hsin Chu EMC/RF/Telecom Lab

Tel: 886-2-26052180 Fax: 886-2-26051924 Tel: 886-3-6668565 Fax: 886-3-6668323

Hwa Ya EMC/RF/Safety Lab

Tel: 886-3-3183232 Fax: 886-3-3270892

Email: service.adt@tw.bureauveritas.com
Web Site: www.bureauveritas-adt.com

The address and road map of all our labs can be found in our web site also.

--- END ---