

**FCC 47 CFR PART 15 SUBPART C
TEST REPORT****FOR****Wireless Car Charger Transmitter****Model : WCS-001500XB****Trade Mark: BEAR TA****Issued to**

Solar Global Co.,Ltd.
9F.-3, No.111, Zhongyang S. Rd., Sanchong Dist., New Taipei City 241, Taiwan
(R.O.C.)

Issued by**WH Technology Corp.**

| | | |
|--|-----------------------------|---|
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APPENDIX 1 PHOTOS OF TEST CONFIGURATION

APPENDIX 2 PHOTOS OF EUT



1. GENERAL INFORMATION

Applicant : Solar Global Co.,Ltd.

Address : 9F.-3, No.111, Zhongyang S. Rd., Sanchong Dist., New Taipei City 241, Taiwan (R.O.C.)

Manufacturer : Subtle Electronic CO.,Ltd.

Address : 3F.,NO.168, Liancheng Rd., Zhonghe Dist., New Taipei City 235, Taiwan

EUT : Wireless Car Charger Transmitter

Model Name : WCS-001500XB

Model Differences : N/A

Is here with confirmed to comply with the requirements set out in the FCC Rules and Regulations Part 15 Subpart C and the measurement procedures were according to ANSI C63.4-2014. The said equipment in the configuration described in this report shows the maximum emission levels emanating from equipment are within the compliance requirements.

FCC part 15 subpart C

Receipt Date : 07/07/2017

Final Test Date : 07/26/2017

Tested by:

Bell Wei/ Engineer

Reviewed by:

Mike Lee / Manager

(Date)

(Signature)

Designation Number: TW1083



2. REPORT OF MEASUREMENTS AND EXAMINATIONS

2.1 LIST OF MEASUREMENTS AND EXAMINATIONS

| FCC Rule | Description of Test | Result |
|------------------|----------------------|--------|
| 15.207 | . Conducted Emission | Pass |
| 15.205 15.209 | . Radiated Emission | Pass |



2.2 DESCRIPTION OF THE TESTED SAMPLES

EUT Name : Wireless Car Charger Transmitter
Model Number :: WCS-001500XB
FCCID Number 2AK8E0015TX1001
Receipt Date : 07/07/2017
Output Power : DC 12V / 2A
Operate Frequency : 115kHz~205kHz
Antenna Type : Coil Antenna



3. TEST METHODOLOGY

All testing as described bellowed were performed in accordance with ANSI C63.4:2014 and FCC CFR 47 Part 15 Subpart C.

3.1 GENERAL TEST PROCEDURES

Conducted Emissions

The EUT is placed on a wood table, which is at 0.8 m above ground plane acceding to clause 15.207 and requirements of ANSI C63.4:2014. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz are using CISPR Quasi-Peak / Average detectors.

Radiated Emissions

The EUT is a placed on a turn table, which is 0.8 m above ground plane. The turntable was rotated through 360 degrees to determine the position of maximum emission level. The EUT is placed at 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. Each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.



3.2 FCC PART 15.205 RESTRICTED BANDS OF OPERATIONS

(a) Except as shown in paragraph (d) of this section, only spurious emissions are permitted in any of the frequency bands listed below:

| MHz | MHz | MHz | GHz |
|---------------------|-----------------------|-----------------|----------------|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| 10.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.025 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.52525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2655 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | ²) |
| 13.36 - 13.41 | | | |

1 Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

2 Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emissions appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000 MHz, compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000 MHz, compliance with the emission limits in Section 15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

3.3 DESCRIPTION OF TEST MODES

The EUT was tested under following modes:

Modes:

- 1. Continuous transmitting**

Channels:

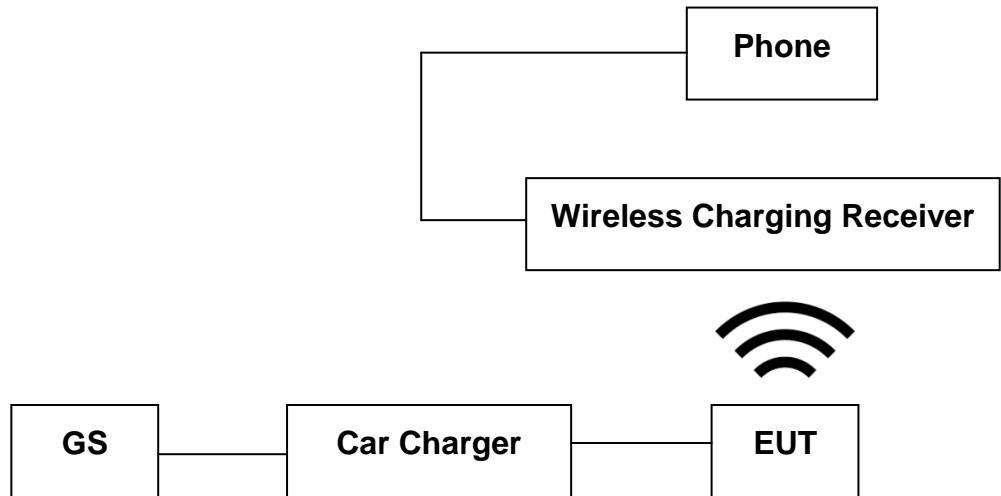
- 1. 135kHz**



3.4 DESCRIPTION OF THE SUPPORT EQUIPMENTS

Setup Diagram

See test photographs attached in appendix 1 for the actual connections between EUT and support equipment.





Support Equipment

Peripherals Devices:

| OUTSIDE SUPPORT EQUIPMENT | | | | | | | |
|---------------------------|---------------------------------|--------|------------|--------------------|---------------|------------|------------|
| No. | Equipment | Model | Serial No. | FCC ID/ BSMI ID | Trade name | Data Cable | Power Cord |
| 1. | GS Battery | GTH60S | NA | N/A | PRIMACY | N/A | N/A |
| 2. | Phone | A1524 | N/A | BCG-E281 7A | N/A | N/A | N/A |
| 3. | Wireless Charger Receiver | N/A | N/A | N/A | NILLKIN | N/A | N/A |

| EUT | | | | | | | |
|-----|----------------------|---------------------|-----|-----|-------|-----|-----|
| 1. | Car Charger | SYD1162-2412 | N/A | N/A | Sunny | N/A | N/A |
| 2. | SWITCHING ADAPTER | SYS1531-2412 -W2 | N/A | N/A | Sunny | N/A | N/A |

Note: All the above equipment /cable were placed in worse case position to maximize emission signals during emission test

Grounding: Grounding was in accordance with the manufacturer's requirement and conditions for the intended use.



4. TEST AND MEASUREMENT EQUIPMENT

4.1 CALIBRATION

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

4.2 EQUIPMENT

The following list contains measurement equipment used for testing. The equipment conforms to the requirement of CISPR 16-1, ANSI C63.2 and. Other required standards.

Calibration of all test and measurement, including any accessories that may effect such calibration, is checked frequently to ensure the accuracy. Adjustments are made and correction factors are applied in accordance with the instructions contained in the respective.



List of Test and Measurement Equipment

• CALIBRATION INTERVAL OF INSTRUMENTS LISTED ABOVE IS ONE YEAR

| Test Site | Instrument | Manufacturer | Model No. | S/N | Next Cal. Date |
|------------|--|--------------------------------|------------------------------------|----------------------|----------------|
| Conduction | Spectrum (9K--3GHz) | R&S | FSP3 | 833387/010 | 2017/09/20 |
| | EMI Receiver | R&S | ESHS10 | 830223/008 | 2018/05/22 |
| | LISN | Rolf Heine Hochfrequenztechnik | NNB-2/16z | 98062 | 2018/05/25 |
| | ISN | Schwarzbeck | 8-Wire ISN CAT5 | CAT5-8158-0094 | 2017/09/21 |
| | RF Cable | N/A | N/A | EMI-3 | 2017/10/19 |
| Radiation | Bilog antenna(30M-1G) | ETC | MCTD2786B | BLB16M04004/JB-5-004 | 2018/05/03 |
| | Double Ridged Guide Horn antenna(1G-18G) | ETC | MCTD 1209 | DRH15N02009 | 2017/11/23 |
| | Horn antenna (18G-26G) | com-power | AH-826 | 81000 | 2017/08/15 |
| | Pre amplifier (30M-1G) | EMC INSTRUMENT | EMC9135 | 980334 | 2018/05/04 |
| | Microwave Preamplifier (1G-18G) | EMC INSTRUMENT | EMC051845 | 980108&AT-18001 | 2017/10/23 |
| | Pre amplifier (18G~26G) | MITEQ | JS4-18002600-30-5A | 808329 | 2017/08/10 |
| | EMI Test Receiver | R&S | ESVS30 (20M-1000MHz) | 863342/012 | 2017/11/28 |
| | RF Cable (open site) | EMCI | N male on end of both sides (EMI4) | 30m | 2017/10/19 |
| | RF CABLE (1~26.5G) | HARBOUR INDUSTRIES | LL142MI(4M+4M) | NA | 2018/03/08 |
| | RF CABLE (1~26.5G) | HARBOUR INDUSTRIES | LL142MI(7M) | NA | 2017/08/11 |
| | Spectrum (9K--7GHz) | R&S | FSP7 | 830180/006 | 2018/02/25 |
| | Spectrum (9K--40GHz) | AGILENT | 8564EC | 4046A0032 | 2018/01/03 |
| Software | e3 | AUDIX | N/A | N/A | N/A |

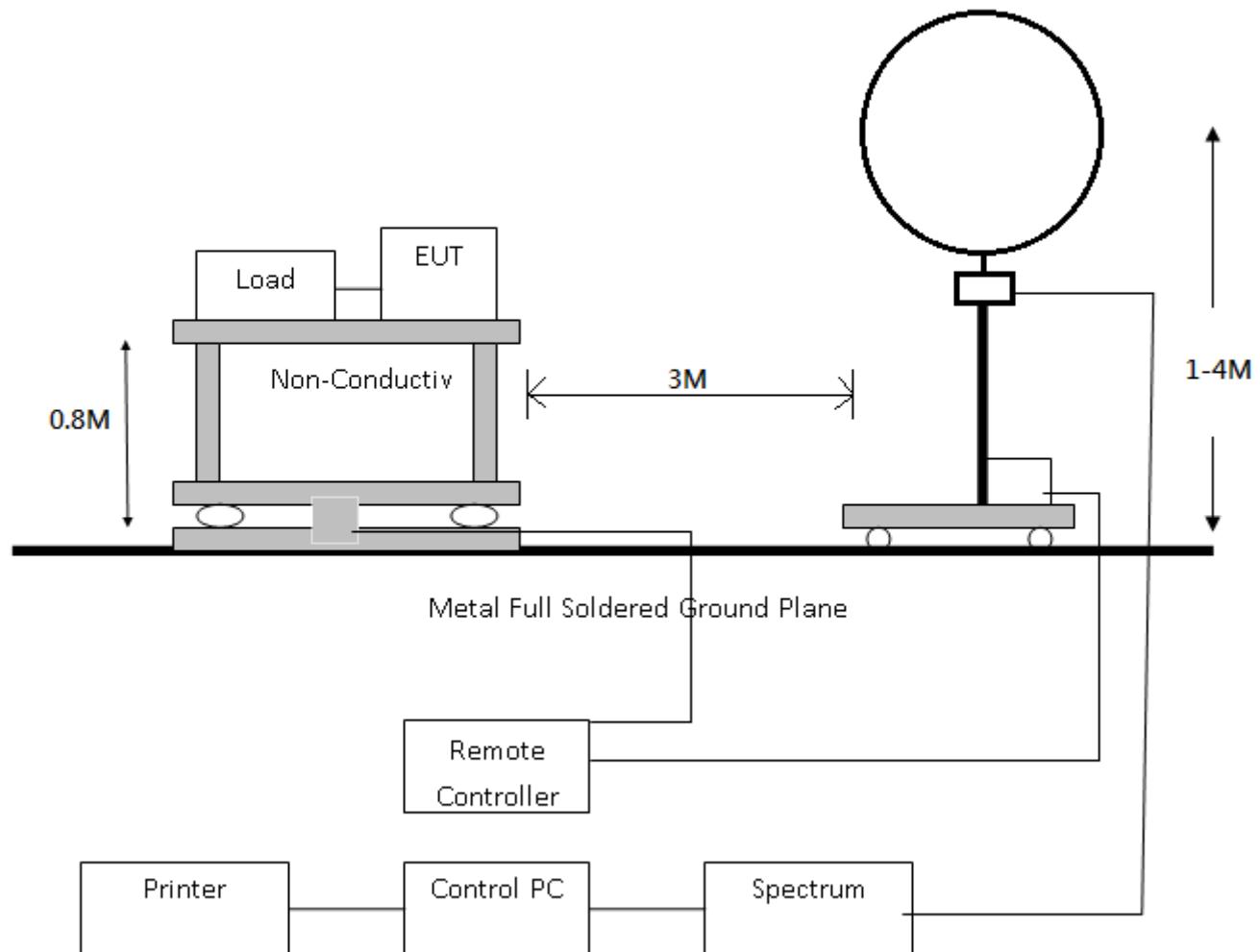




5. SECTION 15.209 REQUIREMENTS (GENERAL RADIATED EMISSION)

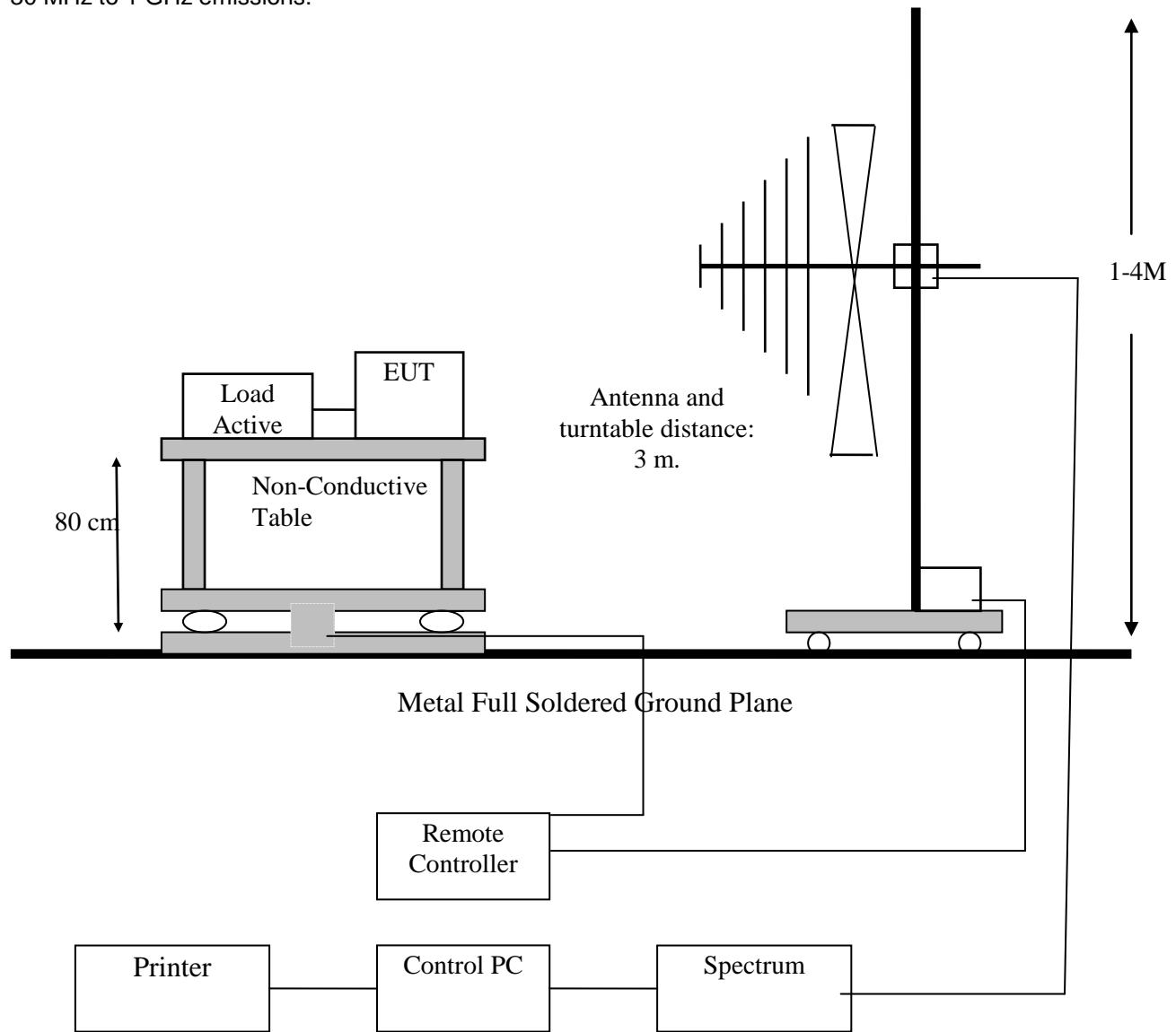
5.1 TEST SETUP

9 kHz to 30 MHz emissions:





30 MHz to 1 GHz emissions:





5.2 LIMIT

The field strength of any emissions which appear outside of this band shall not exceed the general radiated emission limits in section 15.209 as below.

| Frequency (MHz) | Field Strength (mV/m) | Measurement Distance (m) |
|-----------------|-----------------------|--------------------------|
| 1.705-30 | 30 | 30 |
| 30-88 | 100* | 3 |
| 88-216 | 150* | 3 |
| 216-960 | 200* | 3 |
| Above 960 | 500* | 3 |

**Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz,*

174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

In the above emission table, the tighter limit applies at the band edges.

| Frequency of Emission (MHz) | Field Strength | | Measurement Distance (meters) |
|-----------------------------|----------------|------------------|-------------------------------|
| | µV/m | dBµV/m | |
| 0.009-0.49 | 2400/F(kHz) | 67.6-20logf(kHz) | 300 |
| 0.49-1.705 | 24000/F(kHz) | 87.6-20logf(kHz) | 30 |
| 1.705-30 | 30 | 29.5 | 30 |
| 30-88 | 100 | 40 | 3 |
| 88-216 | 150 | 43.5 | 3 |
| 216-960 | 200 | 46 | 3 |
| Above 960 | 500 | 54 | 3 |



5.3 TEST PROCEDURE

1. The EUT was placed on a turntable, which was 0.8m above ground plane.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT was set at 3m away from the receiving antenna, which was varied from 1m to 4m to find out the highest emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was maximized by changing the polarization of receiving antenna, both horizontal and vertical.
6. Repeated above procedures until the measurements for all frequencies are completed.

5.4 RESULT: PASSED



5.5 TEST DATA:

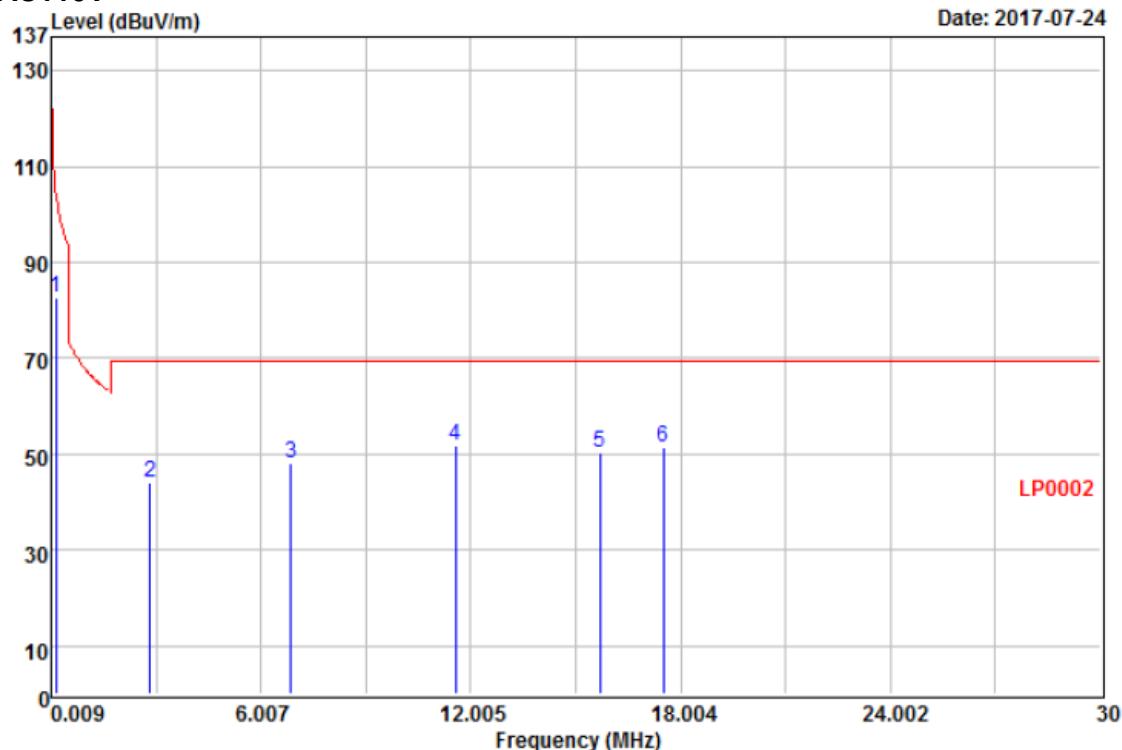
All frequencies not described in this test report and within the range of the general radiated emission limits are not detectable significantly. The table as below is representing worst emissions found.



Below 30MHz

Horizontal

AC110V

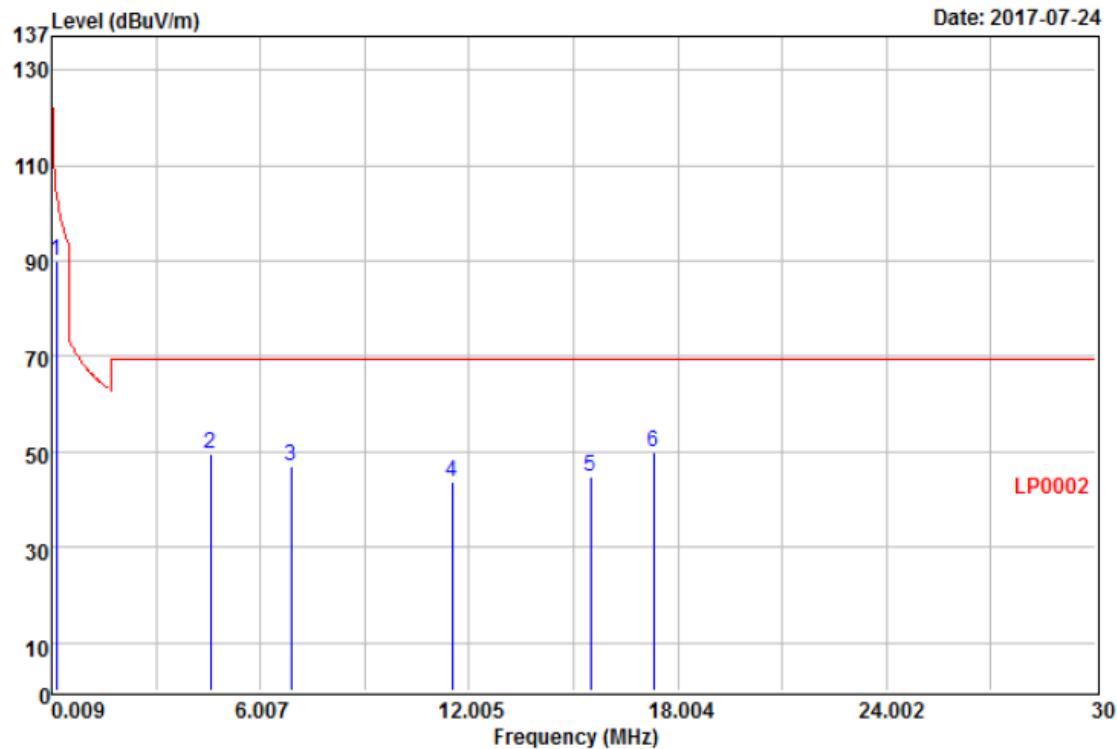


Remarks: : Factor=Insertion loss+Cable loss

| Freq | MHz | Read | Factor | Limit | Over | Remark |
|------|--------|-------|--------|-------|--------|----------------|
| | | Level | | Level | | |
| 1 | 0.135 | 71.93 | 10.72 | 82.65 | 105.00 | -22.35 Average |
| 2 | 2.850 | 33.68 | 10.52 | 44.20 | 69.50 | -25.30 QP |
| 3 | 6.860 | 36.67 | 11.59 | 48.26 | 69.50 | -21.24 QP |
| 4 @ | 11.560 | 39.53 | 12.15 | 51.68 | 69.50 | -17.82 QP |
| 5 | 15.700 | 38.27 | 12.22 | 50.49 | 69.50 | -19.01 QP |
| 6 | 17.520 | 39.06 | 12.26 | 51.32 | 69.50 | -18.18 QP |



Vertical



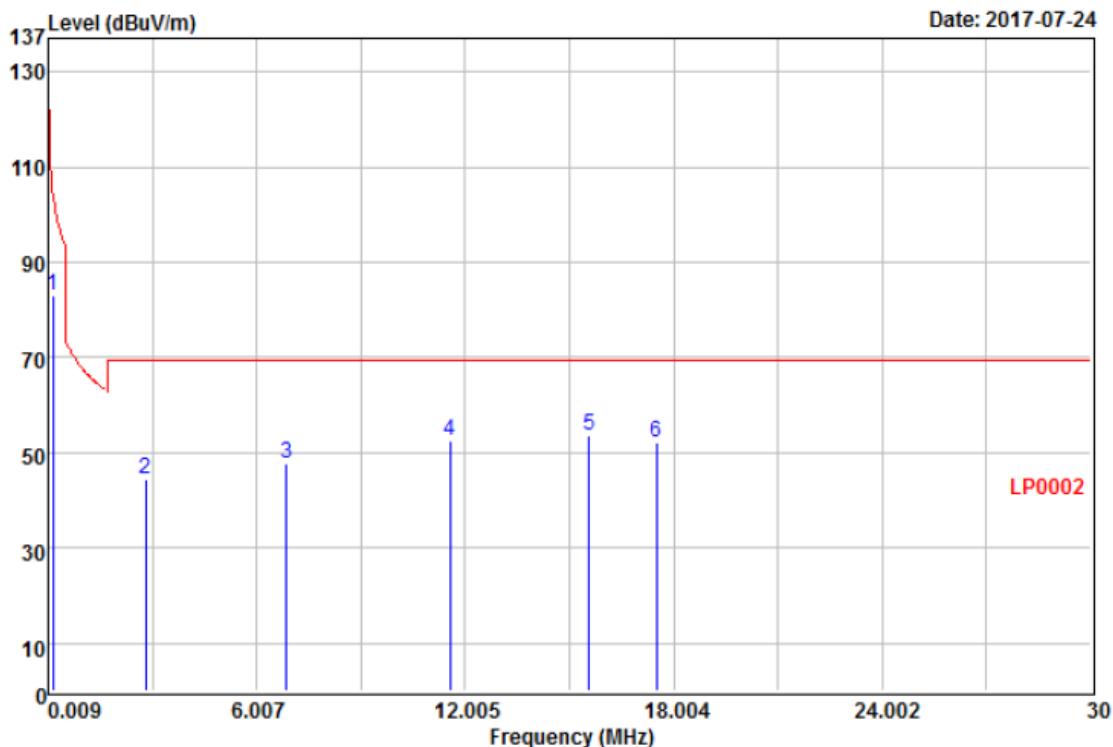
Remarks: : Factor=Insertion loss+Cable loss

| Freq | Read Level | Factor | Level | Limit | | Over Limit | Remark |
|------|------------|--------|-------|-------|--------|------------|---------|
| | | | | MHz | dBuV | dB/m | dBuV/m |
| 1 @ | 0.135 | 79.45 | 10.72 | 90.17 | 105.00 | -14.83 | Average |
| 2 | 4.570 | 38.42 | 11.11 | 49.53 | 69.50 | -19.97 | QP |
| 3 | 6.890 | 35.43 | 11.59 | 47.02 | 69.50 | -22.48 | QP |
| 4 | 11.510 | 31.60 | 12.15 | 43.75 | 69.50 | -25.75 | QP |
| 5 | 15.490 | 32.61 | 12.22 | 44.83 | 69.50 | -24.67 | QP |
| 6 | 17.310 | 37.63 | 12.25 | 49.88 | 69.50 | -19.62 | QP |



Horizontal

DC12V

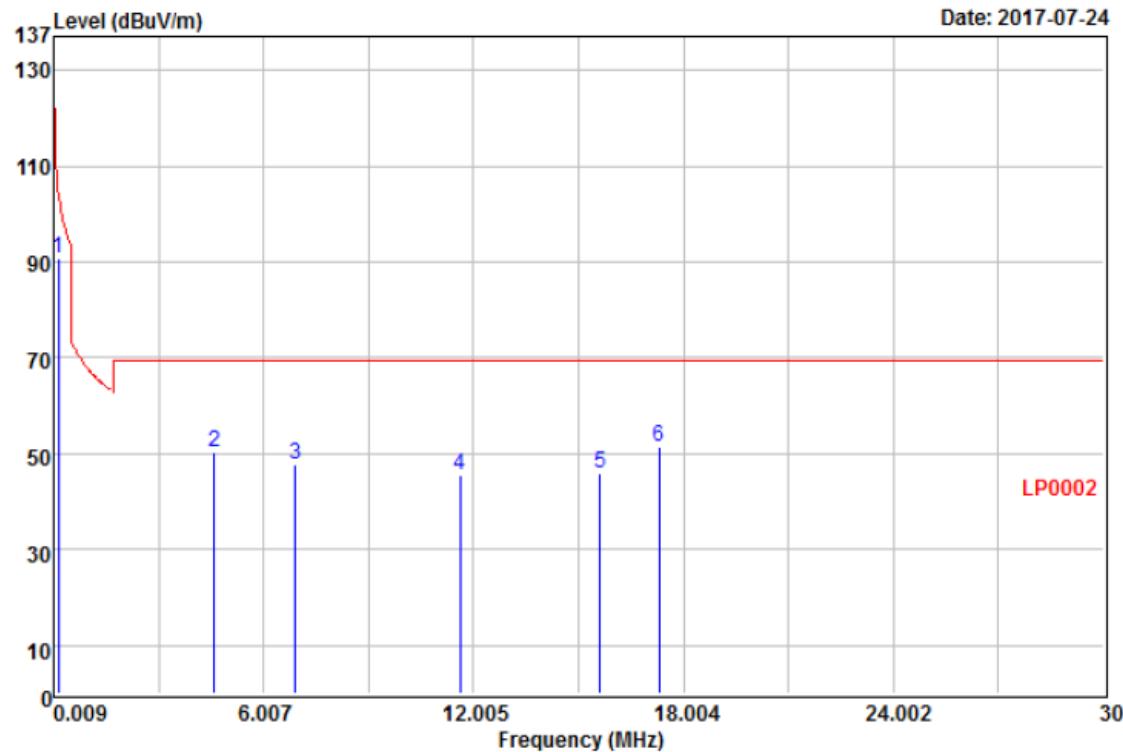


Remarks: : Factor=Insertion loss+Cable loss

| | Freq | Read Level | Factor | Level | Limit Line | Over Limit | Remark |
|-----|--------|------------|--------|--------|------------|------------|---------|
| | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | |
| 1 | 0.135 | 72.32 | 10.72 | 83.04 | 105.00 | -21.96 | Average |
| 2 | 2.810 | 33.83 | 10.53 | 44.36 | 69.50 | -25.14 | QP |
| 3 | 6.870 | 36.31 | 11.59 | 47.90 | 69.50 | -21.60 | QP |
| 4 | 11.570 | 40.19 | 12.15 | 52.34 | 69.50 | -17.16 | QP |
| 5 @ | 15.580 | 41.27 | 12.22 | 53.49 | 69.50 | -16.01 | QP |
| 6 | 17.510 | 39.78 | 12.26 | 52.04 | 69.50 | -17.46 | QP |



Vertical



Remarks: : Factor=Insertion loss+Cable loss

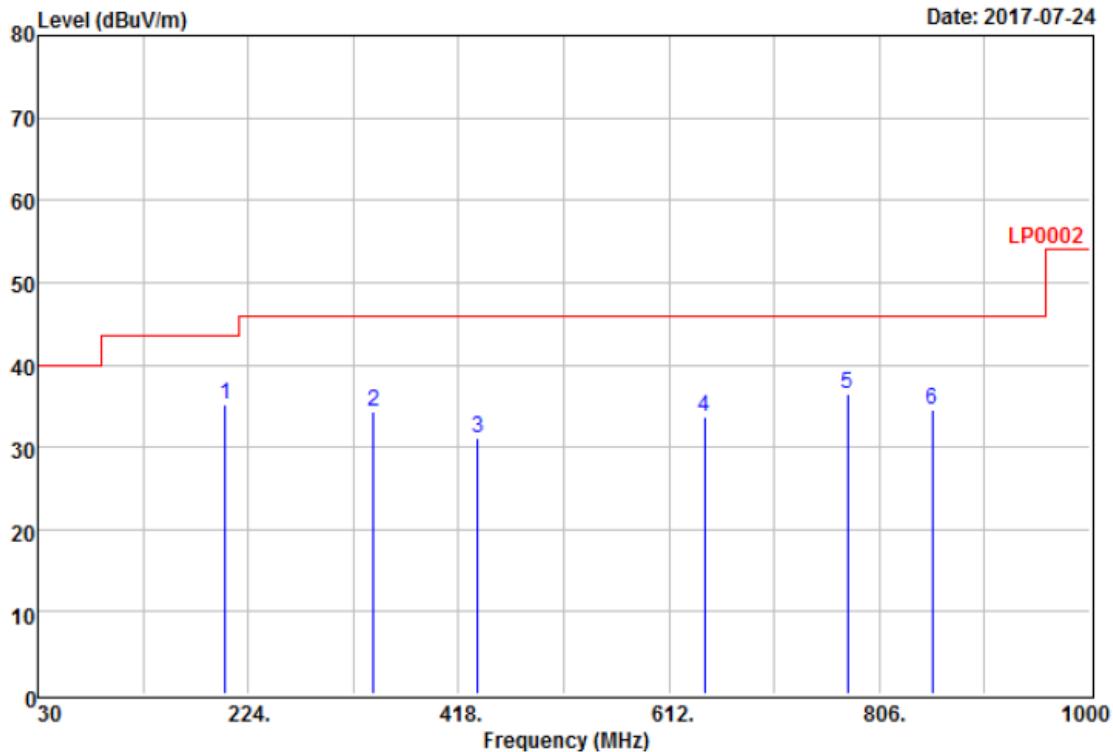
| Freq | Read Level | Factor | Level | Limit | | Over Limit | Remark |
|------|------------|--------|-------|--------|--------|------------|---------|
| | | | | Line | dBuV/m | | |
| | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | |
| 1 @ | 0.135 | 79.86 | 10.72 | 90.58 | 105.00 | -14.42 | Average |
| 2 | 4.610 | 39.15 | 11.12 | 50.27 | 69.50 | -19.23 | QP |
| 3 | 6.920 | 36.32 | 11.60 | 47.92 | 69.50 | -21.58 | QP |
| 4 | 11.610 | 33.31 | 12.15 | 45.46 | 69.50 | -24.04 | QP |
| 5 | 15.630 | 33.62 | 12.22 | 45.84 | 69.50 | -23.66 | QP |
| 6 | 17.310 | 39.18 | 12.25 | 51.43 | 69.50 | -18.07 | QP |



Above 30MHz

Horizontal

AC110V

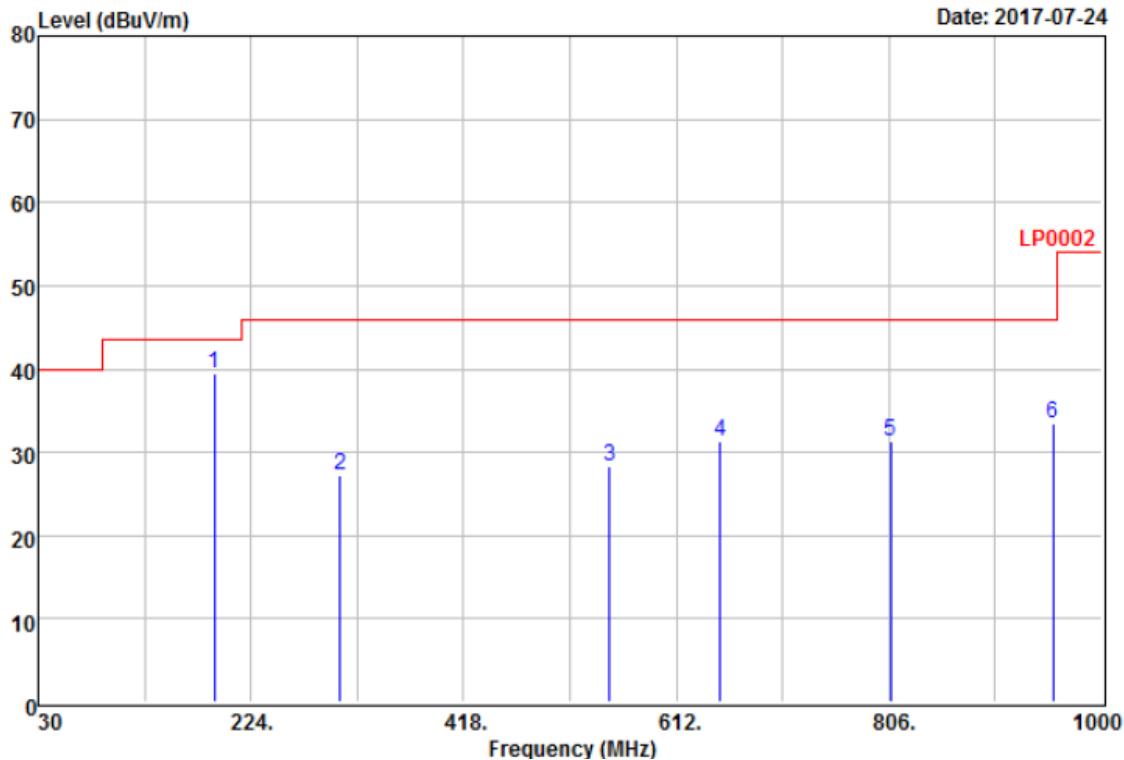


Remarks: : Factor=Insertion loss+Cable loss

| | Freq | Read Level | Read Factor | Level | Limit Line | Over Limit | Remark |
|-----|---------|------------|-------------|--------|------------|------------|--------|
| | MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | |
| 1 @ | 202.660 | 53.55 | -18.46 | 35.09 | 43.50 | -8.41 | QP |
| 2 | 339.430 | 46.98 | -12.66 | 34.32 | 46.00 | -11.68 | QP |
| 3 | 435.460 | 41.68 | -10.48 | 31.20 | 46.00 | -14.80 | QP |
| 4 | 644.980 | 41.06 | -7.34 | 33.72 | 46.00 | -12.28 | QP |
| 5 | 776.900 | 42.26 | -5.70 | 36.56 | 46.00 | -9.44 | QP |
| 6 | 854.500 | 38.57 | -4.05 | 34.52 | 46.00 | -11.48 | QP |



Vertical



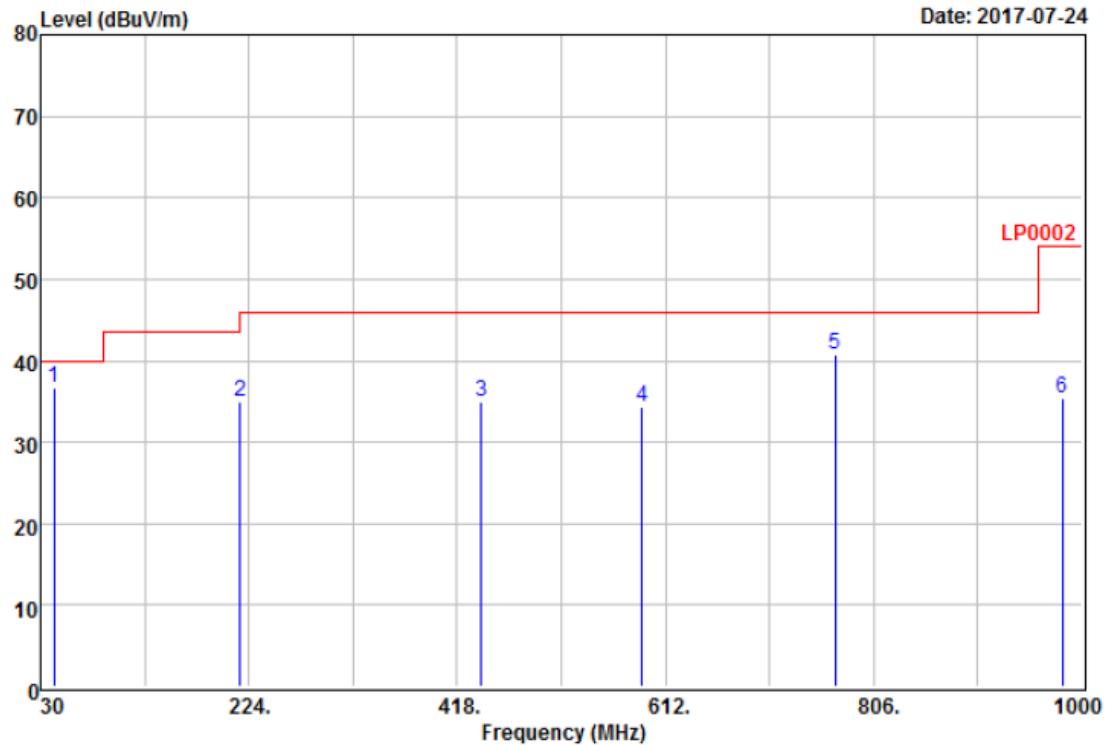
Remarks: : Factor=Insertion loss+Cable loss

| Freq | MHz | Read | Factor | Level | Limit | Over | Remark |
|------|---------|-------|--------|--------|-------|--------|--------|
| | | dBuV | dB/m | dBuV/m | Line | Limit | |
| 1 @ | 191.020 | 58.26 | -18.87 | 39.39 | 43.50 | -4.11 | QP |
| 2 | 305.480 | 40.74 | -13.50 | 27.24 | 46.00 | -18.76 | QP |
| 3 | 550.890 | 37.16 | -8.77 | 28.39 | 46.00 | -17.61 | QP |
| 4 | 651.770 | 38.54 | -7.16 | 31.38 | 46.00 | -14.62 | QP |
| 5 | 807.940 | 36.35 | -5.06 | 31.29 | 46.00 | -14.71 | QP |
| 6 | 955.380 | 34.98 | -1.48 | 33.50 | 46.00 | -12.50 | QP |



Horizontal

DC12V



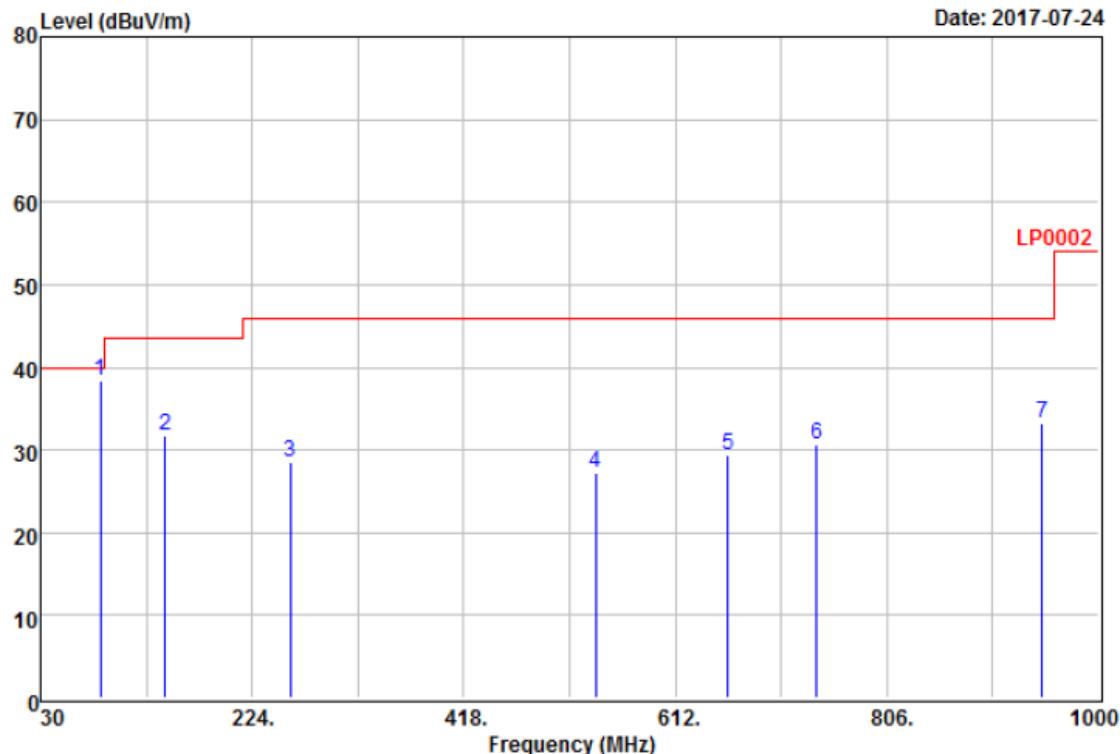
Remarks:

: Factor=Insertion loss+Cable loss

| | Read | Limit | Over | | | |
|------------|-------|--------|--------|--------|--------|--------|
| Freq | Level | Factor | Level | Line | Limit | Remark |
| MHz | dBuV | dB/m | dBuV/m | dBuV/m | dB | |
| 1 @ 42.610 | 54.65 | -17.99 | 36.66 | 40.00 | -3.34 | QP |
| 2 216.240 | 53.14 | -18.25 | 34.89 | 46.00 | -11.11 | QP |
| 3 440.310 | 45.32 | -10.42 | 34.90 | 46.00 | -11.10 | QP |
| 4 590.660 | 43.00 | -8.76 | 34.24 | 46.00 | -11.76 | QP |
| 5 770.110 | 46.53 | -5.84 | 40.69 | 46.00 | -5.31 | QP |
| 6 981.570 | 36.86 | -1.39 | 35.47 | 54.00 | -18.53 | QP |



Vertical



Remarks: : Factor=Insertion loss+Cable loss

| Freq | Read Level | Factor | Read | Limit | Over | Remark |
|------------|------------|--------|-------|-------|--------|--------|
| | | | MHz | dBuV | dB/m | dBuV/m |
| 1 @ 85.300 | 60.71 | -22.42 | 38.29 | 40.00 | -1.71 | QP |
| 2 144.460 | 47.15 | -15.47 | 31.68 | 43.50 | -11.82 | QP |
| 3 258.920 | 43.65 | -15.03 | 28.62 | 46.00 | -17.38 | QP |
| 4 539.250 | 36.20 | -8.89 | 27.31 | 46.00 | -18.69 | QP |
| 5 660.500 | 36.47 | -7.15 | 29.32 | 46.00 | -16.68 | QP |
| 6 741.980 | 36.95 | -6.36 | 30.59 | 46.00 | -15.41 | QP |
| 7 948.590 | 34.81 | -1.56 | 33.25 | 46.00 | -12.75 | QP |



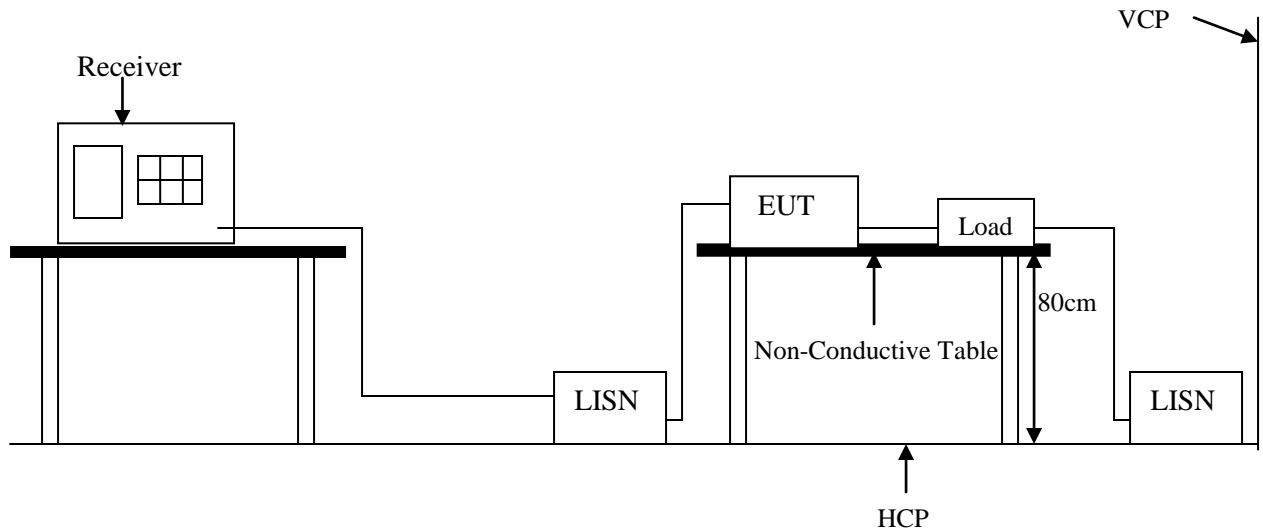
Note:

1. Emission level = Reading level + Correction factor
2. Correction factor : Antenna factor, Cable loss, Pre-Amp, etc.
3. All emissions as described above were determining by rotating the EUT through three orthogonal axes to maximizing the emissions if the EUT belongs to hand-held or body-worn devices.
4. Measurements from 9 kHz to 150 kHz, Peak detector setting: 100 Hz RBW
5. Measurements from 150 kHz to 30MHz, Peak detector setting: 10 kHz RBW
6. Measurements from 30 MHz to 1000 MHz, Peak detector setting: 100 kHz RBW
7. Measurements from 9 kHz to 150 kHz, CISPR Quasi-Peak detector: 200 Hz RBW
8. Measurements from 150 kHz to 30MHz, CISPR Quasi-Peak detector: 9 kHz RBW
9. Measurements from 30 MHz to 1000 MHz, CISPR Quasi-Peak detector: 120 kHz RBW
10. Peak detector measurement data will represent the worst case results.



6. SECTION 15.207 REQUIREMENTS (POWERLINE CONDUCTED EMISSIONS)

6.1 TEST SETUP



6.2 LIMIT

| Frequency range (MHz) | CLASS B | |
|-----------------------|--------------|----------------|
| | QP dB(uV) | Average dB(uV) |
| 0.15-0.5 | 66 - 56 dBuV | 56 - 46 dBuV |
| 0.5-5.0 | 56 dBuV | 46 dBuV |
| 5.0-30.0 | 60 dBuV | 50 dBuV |

Remark: In the above table, the tighter limit applies at the band edges.

6.3 TEST PROCEDURE

The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). It provides a 50 ohm / 50 μ H coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 ohm / 50 μ H coupling impedance with 50 ohm termination. (Please refer to the block diagram of the test setup and photograph.)

Both sides of AC line are checked for the maximum conducted emission interference. In order to find the maximum emissions, the relating positions of equipment and all of the interference cables must be changed according to EN 55022 regulations: The measurement procedure on conducted emission interference.

The resolution bandwidth of the field strength meter is set at 9 KHz.



6.4 TEST SPECIFICATION

According to PART15.207

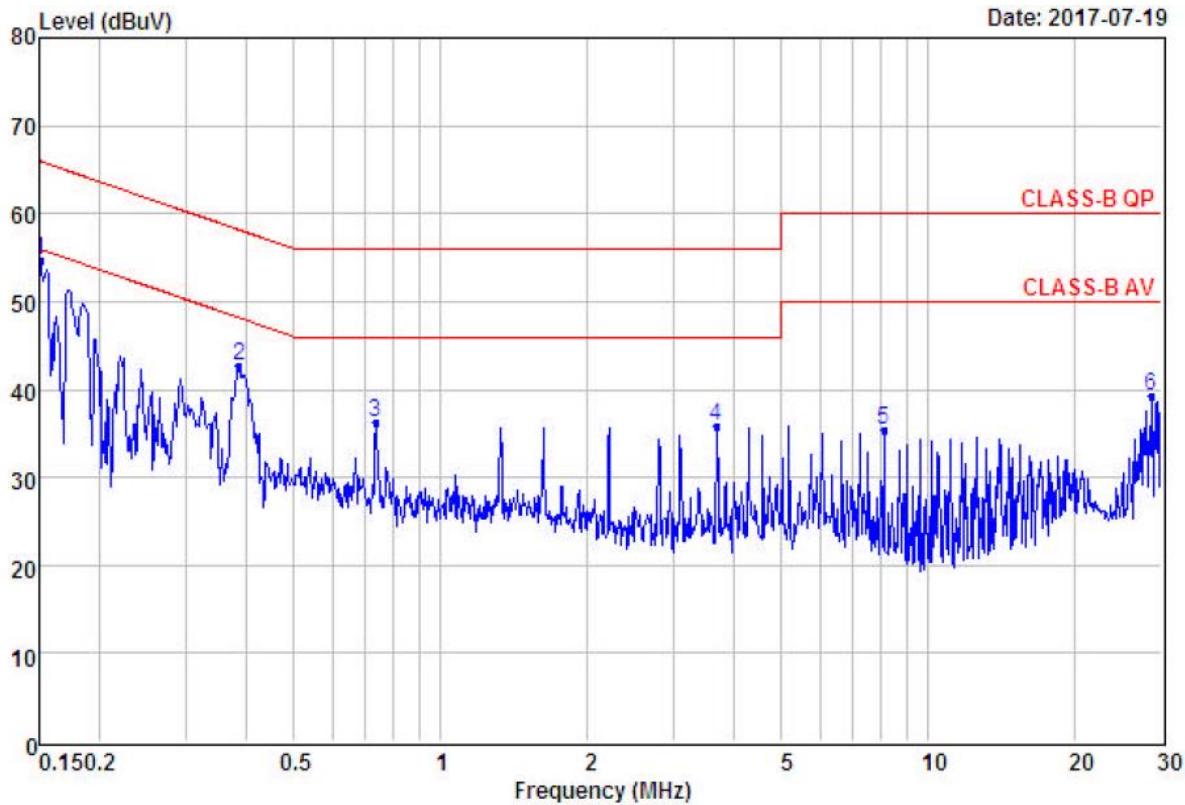
6.5 RESULT:

EMI Receiver/Spectrum Analyzer Configuration (for the frequencies tested)

| | |
|-----------------------|---------------------------|
| Frequency Range: | 150KHz--30MHz |
| Detector Function: | Quasi-Peak / Average Mode |
| Resolution Bandwidth: | 9KHz |



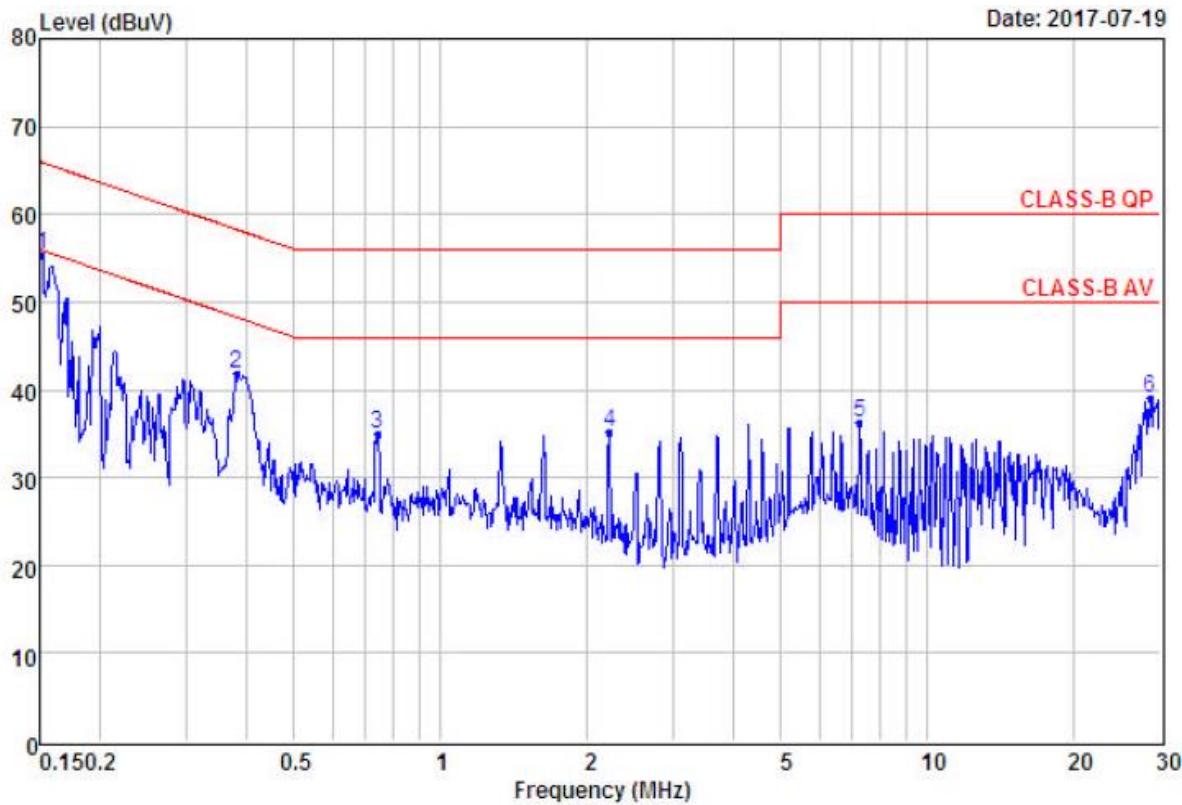
6.6 TEST DATA:



Site : Conduction
Condition : CLASS-B QP CON-LISN-106 LINE
EUT : 充電板
Power : AC 110V
Mode : working
Temperature : 30.8
Humidity : 38
Memo :

Remarks: : Factor=Insertion loss+Cable loss

| Freq | Level | Factor | Over Limit | | Line | Remark |
|----------|-------|--------|------------|--------|-------|--------|
| | | | dB | dB | | |
| 1 @ 0.15 | 44.69 | 54.71 | 10.02 | -11.25 | 65.96 | Peak |
| 2 0.39 | 32.57 | 42.60 | 10.03 | -15.57 | 58.17 | Peak |
| 3 0.74 | 26.09 | 36.14 | 10.05 | -19.86 | 56.00 | Peak |
| 4 3.68 | 25.62 | 35.72 | 10.10 | -20.28 | 56.00 | Peak |
| 5 8.11 | 25.17 | 35.32 | 10.15 | -24.68 | 60.00 | Peak |
| 6 28.60 | 28.94 | 39.23 | 10.29 | -20.77 | 60.00 | Peak |



Site : Conduction
Condition : CLASS-B QP CON-LISN-106 NEUTRAL
EUT : 充電板
Power : AC 110V
Mode : working
Temperature : 30.8
Humidity : 38
Memo :

Remarks: : Factor=Insertion loss+Cable loss

| Freq | Level | Factor | Over Limit | | Line | Remark |
|----------|-------|--------|------------|--------|-------|--------|
| | | | Read Level | Limit | | |
| 1 @ 0.15 | 45.38 | 55.40 | 10.02 | -10.51 | 65.91 | Peak |
| 2 0.38 | 31.81 | 41.84 | 10.03 | -16.41 | 58.25 | Peak |
| 3 0.74 | 24.93 | 34.98 | 10.05 | -21.02 | 56.00 | Peak |
| 4 2.22 | 25.10 | 35.18 | 10.08 | -20.82 | 56.00 | Peak |
| 5 7.25 | 26.05 | 36.20 | 10.15 | -23.80 | 60.00 | Peak |
| 6 28.60 | 28.73 | 39.02 | 10.29 | -20.98 | 60.00 | Peak |



APPENDIX 1

PHOTOS OF TEST CONFIGURATION

Photograph –Conducted Emission Test Setup





Photograph – Radiated Emission Test Setup- Below 1G



Photograph – Radiated Emission Test Setup- Below 30MHz





APPENDIX 2

PHOTOS OF EUT



