FCC TEST REPORT

For

Sky Phone LLC

Fitness band

Test Model No.: Sky band 1

Prepared for : Sky Phone LLC

Address : 1348 Washington Av. Suite 350, Miami Beach, Florida,

United States

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.

Address : 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue,

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Mail : webmaster@LCS-cert.com

Date of receipt of test sample : June 10, 2016

Number of tested samples : 1

Sample number : Prototype

Date of Test : June 10, 2016~June 15, 2016

Date of Report : June 15, 2016

FCC TEST REPORT

FCC CFR 47 PART 15 C(15.247): 2015

Report Reference No.: LCS1605302649E

Date of Issue: June 15, 2016

Testing Laboratory Name......: Shenzhen LCS Compliance Testing Laboratory Ltd.

Address: 1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue,

Bao'an District, Shenzhen, Guangdong, China

Testing Location/ Procedure......: Full application of Harmonised standards

Partial application of Harmonised standards \Box

Other standard testing method \Box

Applicant's Name.....: Sky Phone LLC

Address: 1348 Washington Av. Suite 350, Miami Beach, Florida, United

States

Test Specification

Standard: FCC CFR 47 PART 15 C(15.247): 2015 / ANSI C63.10: 2013

Test Report Form No.....: LCSEMC-1.0

TRF Originator: Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF.....: Dated 2011-03

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Test Item Description.: : Fitness band

Trade Mark: N/A

Test Model: Sky band 1

Ratings DC 3.7V by li-ion polymer battery(75mAh)

Recharge Voltage: 5V=, 0.5A

Result: Positive

Compiled by:

Supervised by:

Approved by:

Aking Jin/ File administrators

Glin Lu/ Technique principal

Gavin Liang/ Manager

FCC -- TEST REPORT

Test Report No.: LCS1605302649E

June 15, 2016

Date of issue

Test Model..... : Sky band 1 EUT..... : Fitness band Applicant.....: : Sky Phone LLC Address..... : 1348 Washington Av. Suite 350, Miami Beach, Florida, United States Telephone..... : / Fax..... : / Manufacturer.....: Sky Phone LLC Address..... : 1348 Washington Av. Suite 350, Miami Beach, Florida, United States Telephone..... : / Fax..... : / Factory.....: Sky Phone LLC Address..... : 1348 Washington Av. Suite 350, Miami Beach, Florida, United States Telephone..... : / Fax..... : /

| Test Result | Positive |
|-------------|----------|
|-------------|----------|

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Revision History

| Revision | Issue Date | Revisions | Revised By |
|----------|------------|---------------|-------------|
| 00 | 2016-06-15 | Initial Issue | Gavin Liang |
| | | | |
| | | | |

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1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT : Fitness band Model No. : Sky band 1

Hardware Version : V3.0
Software Version : V1.0.0.16

Power Supply : DC 3.7V by li-ion polymer battery(75mAh)

Recharge Voltage: 5V—, 0.5A

Bluetooth :

Frequency Range : 2402.00-2480.00MHz

Channel Spacing : 2MHz for Bluetooth V4.0 (DTS)

Channel Number : 40 channels for Bluetooth V4.0 (DTS)

Modulation Type : GFSK for Bluetooth V4.0 (DTS)

Bluetooth Version : V4.0

Antenna Gain : PIFA Antenna, 0dBi (Max.)

1.2. Support equipment List

| Manufacturer | Description | Model | Serial Number | Certificate |
|--------------|---------------|-----------|---------------|-------------|
| Lenovo | PC | B470 | | DOC |
| Lenovo | AC/DC ADAPTER | ADP-90DDB | | DOC |

1.3. External I/O

| I/O Port Description | Quantity | Cable |
|----------------------|----------|-------|
| | | |

1.4. Description of Test Facility

CNAS Registration Number. is L4595.

FCC Registration Number. is 899208.

Industry Canada Registration Number. is 9642A-1.

VCCI Registration Number. is C-4260 and R-3804.

ESMD Registration Number. is ARCB0108.

UL Registration Number. is 100571-492.

TUV SUD Registration Number. is SCN1081.

TUV RH Registration Number. is UA 50296516-001

1.5. List of Measuring Equipments

| Instrument | Manufacturer | Model No. | Serial No. | Characteristics | Cal Date | Due Date |
|---|----------------|----------------------------------|-------------|-----------------|---------------|---------------|
| EMC Receiver | R&S | ESCS 30 | 100174 | 9kHz – 2.75GHz | June 18,2015 | June 17,2016 |
| Signal analyzer | Agilent | E4448A(External mixers to 40GHz) | US44300469 | 9kHz~40GHz | July 16,2015 | July 15,2016 |
| LISN | MESS Tec | NNB-2/16Z | 99079 | 9KHz-30MHz | June 18,2015 | June 17,2016 |
| LISN (Support Unit) | EMCO | 3819/2NM | 9703-1839 | 9KHz-30MHz | June 18,2015 | June 17,2016 |
| RF Cable-CON | UTIFLEX | 3102-26886-4 | CB049 | 9KHz-30MHz | June 18,2015 | June 17,2016 |
| ISN | SCHAFFNER | ISN ST08 | 21653 | 9KHz-30MHz | June 18,2015 | June 17,2016 |
| 3m Semi Anechoic Chamber | SIDT FRANKONIA | SAC-3M | 03СН03-НҮ | 30M-1GHz 3m | June 18,2015 | June 17,2016 |
| Amplifier | SCHAFFNER | COA9231A | 18667 | 9kHz-2GHzz | June 18,2015 | June 17,2016 |
| Amplifier | Agilent | 8449B | 3008A02120 | 1GHz-26.5GHz | July 16,2015 | July 15,2016 |
| Amplifier | MITEQ | AMF-6F-260400 | 9121372 | 26.5GHz-40GHz | July 16,2015 | July 15,2016 |
| Spectrum Analyzer | Agilent | E4407B | MY41440292 | 9k-26.5GHz | July 16,2015 | July 15,2016 |
| MAX Signal Analyzer | Agilent | N9020A | MY50510140 | 20Hz~26.5GHz | Oct. 27, 2015 | Oct. 26, 2016 |
| Loop Antenna | R&S | HFH2-Z2 | 860004/001 | 9k-30MHz | June 18,2015 | June 17,2016 |
| By-log Antenna | SCHWARZBECK | VULB9163 | 9163-470 | 30MHz-1GHz | June 10,2015 | June 09,2016 |
| Horn Antenna | EMCO | 3115 | 6741 | 1GHz-18GHz | June 10,2015 | June 09,2016 |
| Horn Antenna | SCHWARZBECK | BBHA9170 | BBHA9170154 | 15GHz-40GHz | June 10,2015 | June 09,2016 |
| RF Cable-R03m | Jye Bao | RG142 | CB021 | 30MHz-1GHz | June 18,2015 | June 17,2016 |
| RF Cable-HIGH | SUHNER | SUCOFLEX 106 | 03CH03-HY | 1GHz-40GHz | June 18,2015 | June 17,2016 |
| Spectrum Meter | R&S | FSP 30 | 100023 | 9kHz-30GHz | July 16,2015 | July 15,2016 |
| Power Meter | R&S | NRVS | 100444 | DC-40GHz | June 18,2015 | June 17,2016 |
| Power Sensor | R&S | NRV-Z51 | 100458 | DC-30GHz | June 18,2015 | June 17,2016 |
| Power Sensor | R&S | NRV-Z32 | 10057 | 30MHz-6GHz | June 18,2015 | June 17,2016 |
| RF CABLE-1m | JYE Bao | RG142 | CB034-1m | 20MHz-7GHz | June 18,2015 | June 17,2016 |
| RF CABLE-2m | JYE Bao | RG142 | CB035-2m | 20MHz-1GHz | June 18,2015 | June 17,2016 |
| EMI Test Software | AUDIX | E3 | / | / | June 18,2015 | June 17,2016 |
| Note: All equipment through GRGTEST calibration | | | | | | |

1.6. Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements" and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

1.7. Measurement Uncertainty

| Test Item | | Frequency Range | Uncertainty | Note |
|------------------------|----|-----------------|-------------|------|
| | | 9KHz~30MHz | 3.10dB | (1) |
| | | 30MHz~200MHz | 2.96dB | (1) |
| Radiation Uncertainty | : | 200MHz~1000MHz | 3.10dB | (1) |
| | | 1GHz~26.5GHz | 3.80dB | (1) |
| | | 26.5GHz~40GHz | 3.90dB | (1) |
| Conduction Uncertainty | •• | 150kHz~30MHz | 1.63dB | (1) |
| Power disturbance | •• | 30MHz~300MHz | 1.60dB | (1) |

^{(1).} This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

1.8. Description of Test Modes

Bluetooth operates in the unlicensed ISM Band at 2.4GHz. The EUT was set to transmit at 100% duty cycle. The following operating modes were applied for the related test items. All test modes were tested, only the result of the worst case was recorded in the report.

| Mode of Operations | Frequency Range | | Data Rate | | |
|-----------------------|------------------------|---------|-----------|--|---|
| | (MHz) | | (Mbps) | | |
| | 2402 2440 2480 | | 2 | | 1 |
| GFSK | | | 1 | | |
| | | | 1 | | |
| | For Conducted Emission | | | | |
| Test Mode | | TX Mode | | | |
| For Radiated Emission | | | | | |
| Test Mode | | 7 | ΓX Mode | | |

Worst-case mode and channel used for 150kHz-30 MHz power line conducted emissions was the mode and channel with the highest output power, that was determined to be TX(1Mbps-Hopping Mode).

Worst-case mode and channel used for 9kHz-1000 MHz radiated emissions was determined to be TX-Low Channel(2402MHz, GFSK).

***Note: Using a temporary antenna connector for the EUT when the conducted measurements are performed.

For pre-testing, when performed with LiPo Battery Charger, the input Voltage/Frequency AC 120V/60Hz and AC 240V/60Hz were used. Only recorded the worst case in this report.

2. TEST METHODOLOGY

All measurements contained in this report were conducted with ANSI C63.10: 2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

The radiated testing was performed at an antenna-to-EUT distance of 3 meters. All radiated and conducted emissions measurement was performed at Shenzhen LCS Compliance Testing Laboratory Ltd..

2.1. EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner that intends to maximize its emission characteristics in a continuous normal application.

2.2. EUT Exercise

The EUT was operated in the engineering mode to fix the TX frequency that was for the purpose of the measurements.

According to FCC's request, Test Procedure KDB558074 D01 DTS Meas Guidance v03r05 is required to be used for this kind of FCC 15.247 digital modulation device.

According to its specifications, the EUT must comply with the requirements of the Section 15.203, 15.205, 15.207, 15.209 and 15.247 under the FCC Rules Part 15 Subpart C.

2.3. General Test Procedures

2.3.1 Conducted Emissions

According to the requirements in Section 6.2 of ANSI C63.10: 2013, AC power-line conducted emissions shall be measured in the frequency range between 0.15 MHz and 30MHz using Quasi-peak and average detector modes.

2.3.2 Radiated Emissions

The EUT is placed on a turn table and the turntable shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna, which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the maximum emissions, exploratory radiated emission measurements were made according to the requirements in Section 6.3 of ANSI C63.10: 2013

3. SYSTEM TEST CONFIGURATION

3.1. Justification

The system was configured for testing in a continuous transmit condition.

3.2. EUT Exercise Software

N/A

3.3. Special Accessories

N/A

3.4. Block Diagram/Schematics

Please refer to the related document

3.5. Equipment Modifications

Shenzhen LCS Compliance Testing Laboratory Ltd. has not done any modification on the EUT.

3.6. Test Setup

Please refer to the test setup photo.

4. SUMMARY OF TEST RESULTS

| Applied Standard: FCC Part 15 Subpart C | | | | |
|---|---|-----------|--|--|
| FCC Rules | FCC Rules Description of Test | | | |
| §15.247(b)(3) | Maximum Conducted Output Power | Compliant | | |
| §15.247(e) | Power Spectral Density | Compliant | | |
| §15.247(a)(2) | 6dB Bandwidth | Compliant | | |
| §15.209, §15.247(d) | Radiated and Conducted Spurious Emissions | Compliant | | |
| §15.205 | Emissions at Restricted Band | Compliant | | |
| §15.207(a) | Line Conducted Emissions | Compliant | | |
| §15.203 | Antenna Requirements | Compliant | | |

5. TEST RESULT

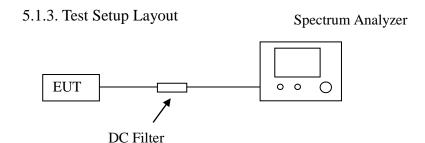
5.1. Maximum Conducted Output Power Measurement

5.1.1. Standard Applicable

According to § 15.247(b)(3), For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850MHz bands: 1 Watt.

5.1.2. Test Procedures

The transmitter output (antenna port) was connected to the power meter.



5.1.4. EUT Operation during Test

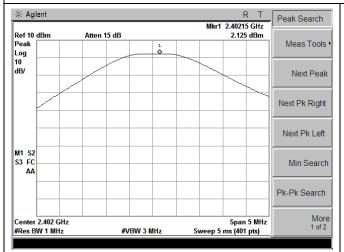
The EUT was programmed to be in continuously transmitting mode.

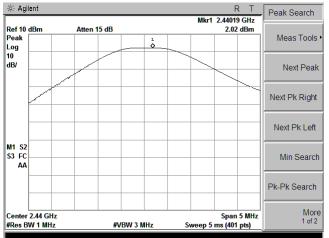
5.1.5. Test Result of Maximum Conducted Output Power

| Temperature | 25°C | Humidity | 60% |
|---------------|----------|-----------|---------------|
| Test Engineer | Chaz Liu | Test Date | June 13, 2016 |

| Modulation | Frequency (MHz) | Output Power (dBm) | Output Power (mW) | Limit (mW) | Result |
|------------|-----------------|--------------------|-------------------|---------------|--------|
| | 2402 | 2.125 | 1.63 | 1000 | Pass |
| GFSK | 2440 | 2.020 | 1.59 | 1000 | Pass |
| | 2480 | 2.221 | 1.67 | 1000 | Pass |

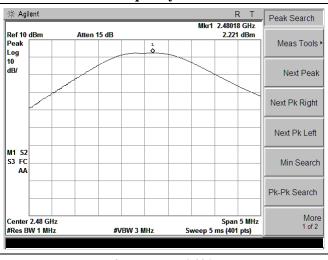






Test frequency: 2440MHz

Test frequency: 2402MHz



Test frequency: 2480MHz

5.2. Power Spectral Density Measurement

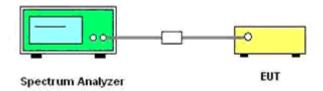
5.2.1. Standard Applicable

According to §15.247(e): For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

5.2.2. Test Procedures

- 1) The transmitter was connected directly to a Spectrum Analyzer through a directional couple.
- 2) The power was monitored at the coupler port with a Spectrum Analyzer. The power level was set to the maximum level.
- 3) Set the RBW = 3 kHz.
- 4) Set the VBW $\geq 3*RBW$
- 5) Set the span to 1.5 times the DTS channel bandwidth.
- 6) Detector = peak.
- 7) Sweep time = auto couple.
- 8) Trace mode = max hold.
- 9) Allow trace to fully stabilize.
- 10) Use the peak marker function to determine the maximum power level in any 3 kHz band segment within the fundamental EBW.

5.2.3. Test Setup Layout



5.2.4. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

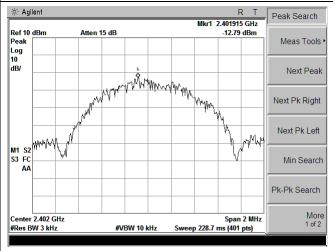
5.2.5. Test Result of Power Spectral Density

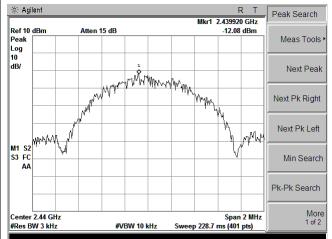
| Temperature | 25°C | Humidity | 60% |
|---------------|----------|-----------|---------------|
| Test Engineer | Chaz Liu | Test Date | June 13, 2016 |

| Modulation | Frequency (MHz) | Reading Level (dBm/3KHz) | Max. Limit (dBm/3KHz) | Result |
|------------|-----------------|-----------------------------|-----------------------|--------|
| | 2402 | -12.79 | 8 | Pass |
| GFSK | 2440 | -12.08 | 8 | Pass |
| | 2480 | -12.27 | 8 | Pass |

The test data refer to the following page.

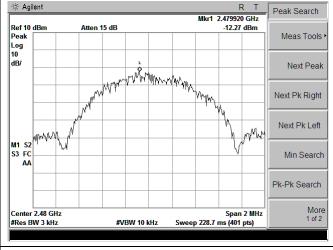
Test Plots Of Power Spectral Density Measurement





Low Channel, 2402MHz

Middle Channel, 2440MHz



5.3. 6 dB Spectrum Bandwidth Measurement

5.3.1. Standard Applicable

According to §15.247(a)(2): Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

5.3.2. Instruments Setting

The following table is the setting of the Spectrum Analyzer.

| Spectrum Parameter | Setting |
|--------------------|----------|
| Attenuation | Auto |
| Span Frequency | > RBW |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | 100ms |

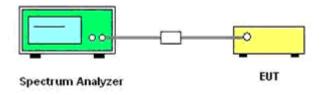
5.3.3. Test Procedures

- 1) The transmitter output (antenna port) was connected to the spectrum analyser in peak hold mode.
- 2) Set RBW/VBW = 100KHz/300KHz (for 6dB bandwidth measurement)

Set RBW = 1%~5% OBW; VBW ≥ 3*RBW (for occupied bandwidth measurement)

- 3) Measured the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6dB relative to the maximum level measured in the fundamental emission.
- 4) Measured the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20dB relative to the maximum level measured in the fundamental emission.

5.3.4. Test Setup Layout



5.3.5. EUT Operation during Test

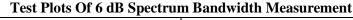
The EUT was programmed to be in continuously transmitting mode.

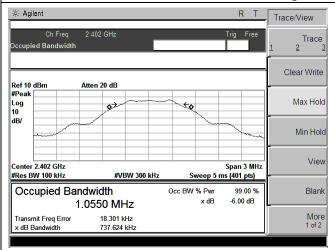
5.3.6. Test Result of Spectrum Bandwidth

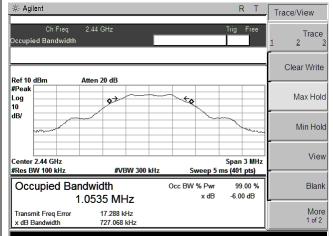
| Temperature | 25°C | Humidity | 60% |
|---------------|----------|-----------|---------------|
| Test Engineer | Chaz Liu | Test Date | June 13, 2016 |

| Modulation | Frequency (MHz) | 6dB Bandwidth (KHz) | Min. Limit (KHz) | Result |
|------------|--------------------|------------------------|---------------------|----------|
| GFSK | 2402 | 737.624 | 500 | Complies |
| | 2440 | 727.068 | 500 | Complies |
| | 2480 | 734.744 | 500 | Complies |

Test Plots For 6dB Bandwidth:

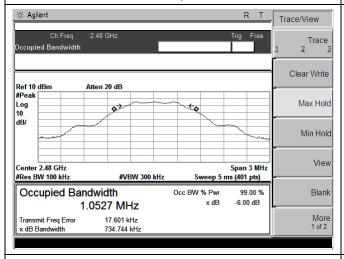






Low Channel, 2402MHz

Middle Channel, 2440MHz



High Channel, 2480MHz

5.4. Radiated Emissions Measurement

5.4.1. Standard Applicable

According to §15.247 (d): 20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

| Frequencies(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 |
| 30~88 | 100 | 3 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| Above 960 | 500 | 3 |

5.4.2. Instruments Setting

The following table is the setting of spectrum analyzer and receiver.

| Spectrum Parameter | Setting |
|---|--|
| Attenuation | Auto |
| Start Frequency | 1000 MHz |
| Stop Frequency | 10th carrier harmonic |
| RB / VB (Emission in restricted band) | 1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average |
| RB / VB (Emission in non-restricted band) | 1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average |

| Receiver Parameter | Setting |
|------------------------|----------------------------------|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9kHz~150kHz / RB 200Hz for QP |
| Start ~ Stop Frequency | 150kHz~30MHz / RB 9kHz for QP |
| Start ~ Stop Frequency | 30MHz~1000MHz / RB 100kHz for QP |

5.4.3. Test Procedures

1) Sequence of testing 9 kHz to 30 MHz

Setup:

- --- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- --- If the EUT is a tabletop system, a rotatable table with 0.8 m height is used.
- --- If the EUT is a floor standing device, it is placed on the ground.
- --- Auxiliary equipment and cables were positioned to simulate normal operation conditions.
- --- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- --- The measurement distance is 3 meter.
- --- The EUT was set into operation.

Premeasurement:

- --- The turntable rotates from 0 ° to 315 ° using 45 ° steps.
- --- The antenna height is 0.8 meter.
- --- At each turntable position the analyzer sweeps with peak detection to find the maximum of all emissions

- --- Identified emissions during the premeasurement the software maximizes by rotating the turntable position (0 °to 360 °) and by rotating the elevation axes (0 °to 360 °).
- --- The final measurement will be done in the position (turntable and elevation) causing the highest emissions with QPK detector.
- --- The final levels, frequency, measuring time, bandwidth, turntable position, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

2) Sequence of testing 30 MHz to 1 GHz

Setup:

- --- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- --- If the EUT is a tabletop system, a table with 0.8 m height is used, which is placed on the ground plane.
- --- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- --- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- --- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- --- The measurement distance is 3 meter.
- --- The EUT was set into operation.

Premeasurement:

- --- The turntable rotates from 0 °to 315 °using 45 °steps.
- --- The antenna is polarized vertical and horizontal.
- --- The antenna height changes from 1 to 3 meter.
- --- At each turntable position, antenna polarization and height the analyzer sweeps three times in peak to find the maximum of all emissions.

- --- The final measurement will be performed with minimum the six highest peaks.
- --- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position (± 45 °) and antenna movement between 1 and 4 meter.
- --- The final measurement will be done with QP detector with an EMI receiver.
- --- The final levels, frequency, measuring time, bandwidth, antenna height, antenna polarization, turntable angle, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

3) Sequence of testing 1 GHz to 18 GHz

Setup:

- --- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- --- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- --- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- --- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- --- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- --- The measurement distance is 3 meter.
- --- The EUT was set into operation.

Premeasurement:

- --- The turntable rotates from 0 ° to 315 ° using 45 ° steps.
- --- The antenna is polarized vertical and horizontal.
- --- The antenna height scan range is 1 meter to 2.5 meter.
- --- At each turntable position and antenna polarization the analyzer sweeps with peak detection to find the maximum of all emissions.

- --- The final measurement will be performed with minimum the six highest peaks.
- --- According to the maximum antenna and turntable positions of premeasurement the software maximize the peaks by changing turntable position (± 45 °) and antenna movement between 1 and 4 meter. This procedure is repeated for both antenna polarizations.
- --- The final measurement will be done in the position (turntable, EUT-table and antenna polarization) causing the highest emissions with Peak and Average detector.
- --- The final levels, frequency, measuring time, bandwidth, turntable position, EUT-table position, antenna polarization, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement with marked maximum final measurements and the limit will be stored.

4) Sequence of testing above 18 GHz

Setup:

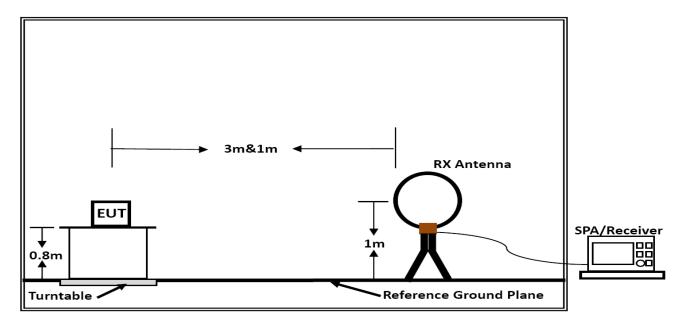
- --- The equipment was set up to simulate a typical usage like described in the user manual or described by manufacturer.
- --- If the EUT is a tabletop system, a rotatable table with 1.5 m height is used.
- --- If the EUT is a floor standing device, it is placed on the ground plane with insulation between both.
- --- Auxiliary equipment and cables were positioned to simulate normal operation conditions
- --- The AC power port of the EUT (if available) is connected to a power outlet below the turntable.
- --- The measurement distance is 1 meter.
- --- The EUT was set into operation.

Premeasurement:

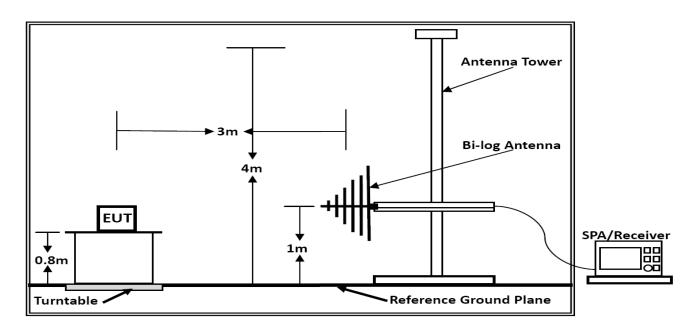
--- The antenna is moved spherical over the EUT in different polarisations of the antenna.

- --- The final measurement will be performed at the position and antenna orientation for all detected emissions that were found during the premeasurements with Peak and Average detector.
- --- The final levels, frequency, measuring time, bandwidth, correction factor, margin to the limit and limit will be recorded. Also a plot with the graph of the premeasurement and the limit will be stored.

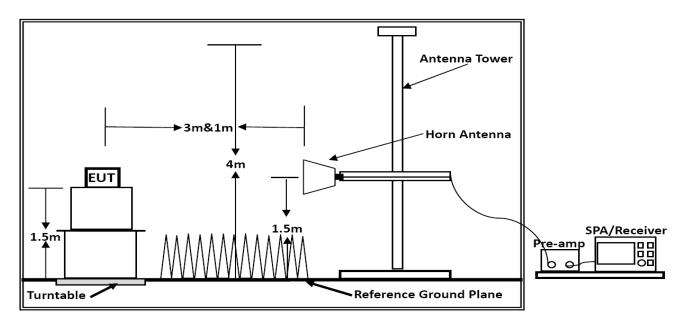
5.4.4. Test Setup Layout



Below 30MHz



Below 1GHz



Above 1GHz

5.4.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

5.4.6. Results of Radiated Emissions (9kHz~30MHz)

| Temperature | 25°C | Humidity | 60% |
|---------------|----------|----------------|----------|
| Test Engineer | Chaz Liu | Configurations | BLE V4.0 |

| Freq. | Level | Over Limit | Over Limit | Remark |
|-------|--------|------------|------------|----------|
| (MHz) | (dBuV) | (dB) | (dBuV) | |
| - | - | - | - | See Note |

Note:

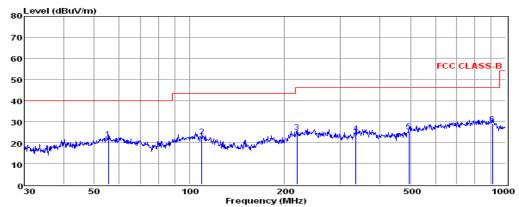
The radiated emissions from 9kHz to 30MHz are at least 20dB below the official limit and no need to report.

Distance extrapolation factor = 40 log (specific distance / test distance) (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

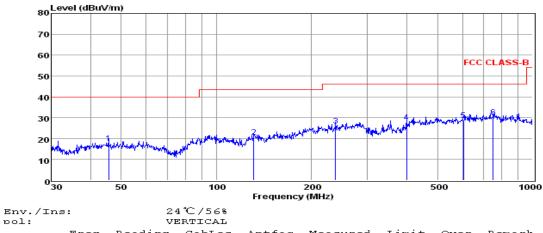
5.4.7. Results of Radiated Emissions (30MHz~1GHz)

| Temperature | 24°C | Humidity | 56% |
|---------------|---------------|----------------|----------------|
| Test Engineer | Chaz Liu | Configurations | TX-Low Channel |
| Test Date | June 14, 2016 | | |



| Env./Inpol: | ns: | | C/56% RIZONTAL | | | | | |
|-------------|--------|---------|-------------------|--------|----------|--------|--------|--------|
| | Freq | Reading | CabLos | Antfac | Measured | Limit | Over | Remark |
| | MHz | dBuV | dВ | dB/m | dBuV/m | dBuV/m | dВ | |
| 1 | 55.41 | 8.11 | 0.47 | 12.99 | 21.57 | 40.00 | -18.43 | QP |
| 2 | 109.41 | 10.04 | 0.61 | 12.30 | 22.95 | 40.00 | -17.05 | QP |
| 3 | 219.08 | 12.96 | 0.95 | 11.17 | 25.08 | 40.00 | -14.92 | QP |
| 4 | 336.04 | 9.39 | 1.09 | 13.96 | 24.44 | 47.00 | -22.56 | QP |
| 5 | 494.20 | 7.30 | 1.50 | 16.43 | 25.23 | 47.00 | -21.77 | QP |
| 6 | 909.67 | 5.88 | 1.88 | 21.15 | 28.91 | 47.00 | -18.09 | QP |

- Note: 1. All readings are Quasi-peak values. 2. Measured= Reading + Antenna Factor + Cable Loss
- 3. The emission that ate 20db blow the offficial limit are not reported



| DOT: | | VI | SKIICAL | | | | | | |
|------|--------|---------|---------|--------|----------|--------|--------|--------|--|
| | Freq | Reading | CabLos | Antfac | Measured | Limit | Over | Remark | |
| | MHz | dBuV | dВ | dB/m | dBuV/m | dBuV/m | dВ | | |
| 1 | 45.53 | 4.06 | 0.41 | 13.52 | 17.99 | 40.00 | -22.01 | QP | |
| 2 | 131.30 | 11.09 | 0.76 | 8.83 | 20.68 | 40.00 | -19.32 | QP | |
| 3 | 238.31 | 13.06 | 0.96 | 12.01 | 26.03 | 47.00 | -20.97 | QP | |
| 4 | 399.03 | 11.68 | 1.22 | 15.04 | 27.94 | 47.00 | -19.06 | QP | |
| 5 | 603.54 | 8.93 | 1.55 | 18.46 | 28.94 | 47.00 | -18.06 | QP | |
| 6 | 750.11 | 9.27 | 1.65 | 19.44 | 30.36 | 47.00 | -16.64 | QP | |
| | | | | | | | | | |

- Note: 1. All readings are Quasi-peak values.
 2. Measured= Reading + Antenna Factor + Cable Loss
 3. The emission that ate 20db blow the offficial limit are not reported

Note:

Pre-scan all mode and recorded the worst case results in this report (TX-Low Channel(2402MHz)). Emission level $(dBuV/m) = 20 \log Emission level (uV/m)$.

 $Corrected\ Reading:\ Antenna\ Factor +\ Cable\ Loss +\ Read\ Level\ -\ Preamp\ Factor =\ Level.$

5.4.8. Results for Radiated Emissions (Above 1GHz)

| Temperature | 25°C | Humidity | 60% |
|---------------|---------------|-----------|---------|
| Test Engineer | Chaz Liu | Test Mode | TX Mode |
| Test Date | June 14, 2016 | | |

Channel 1

| Freq. MHz | Reading Level dBuV | Ant. Fac. dB/m | Pre. Fac. dB | Cab. Loss dB | Measured dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol. |
|--------------|--------------------------|----------------------|--------------------|--------------------|--------------------|-----------------|--------------|---------|------------|
| 4804.12 | 54.70 | 33.06 | 35.04 | 3.94 | 56.66 | 74 | -17.34 | Peak | Horizontal |
| 4804.15 | 37.47 | 33.06 | 35.04 | 3.94 | 39.43 | 54 | -14.57 | Average | Horizontal |
| 4804.12 | 42.82 | 33.06 | 35.04 | 3.94 | 44.78 | 74 | -29.22 | Peak | Vertical |
| 4804.15 | 41.06 | 33.06 | 35.04 | 3.94 | 43.02 | 54 | -10.98 | Average | Vertical |

Channel 20

| Freq. MHz | Reading Level dBuV | Ant. Fac. dB/m | Pre. Fac. dB | Cab. Loss dB | Measured dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol. |
|--------------|--------------------------|----------------------|--------------------|--------------------|--------------------|-----------------|--------------|---------|------------|
| 4880.21 | 51.60 | 33.16 | 35.15 | 3.96 | 53.57 | 74 | -20.43 | Peak | Horizontal |
| 4880.23 | 40.29 | 33.16 | 35.15 | 3.96 | 42.26 | 54 | -11.74 | Average | Horizontal |
| 4880.21 | 39.24 | 33.16 | 35.15 | 3.96 | 41.21 | 74 | -32.79 | Peak | Vertical |
| 4880.23 | 34.14 | 33.16 | 35.15 | 3.96 | 36.11 | 54 | -17.89 | Average | Vertical |

Channel 40

| Freq. MHz | Reading Level dBuV | Ant. Fac. dB/m | Pre. Fac. dB | Cab. Loss dB | Measured dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol. |
|--------------|--------------------------|----------------------|--------------------|--------------------|--------------------|-----------------|--------------|---------|------------|
| 4960.34 | 50.96 | 33.26 | 35.14 | 3.98 | 53.06 | 74 | -20.94 | Peak | Horizontal |
| 4960.33 | 28.53 | 33.26 | 35.14 | 3.98 | 30.63 | 54 | -23.37 | Average | Horizontal |
| 4960.34 | 48.74 | 33.26 | 35.14 | 3.98 | 50.84 | 74 | -23.16 | Peak | Vertical |
| 4960.33 | 39.63 | 33.26 | 35.14 | 3.98 | 41.73 | 54 | -12.27 | Average | Vertical |

Notes:

- 1. Measuring frequencies from 9k~10th harmonic (ex. 26GHz), No emission found between lowest internal used/generated frequency to 30MHz.
- 2. Radiated emissions measured in frequency range from 9k~10th harmonic (ex. 26GHz) were made with an instrument using Peak detector mode.
- 3. Data of measurement within this frequency range shown "---" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

5.4.9. Results of Band Edges Test (Radiated)

| Temperature | 25°C | Humidity | 60% |
|---------------|---------------|-----------|---------|
| Test Engineer | Chaz Liu | Test Mode | TX Mode |
| Test Date | June 14, 2016 | | |

Tx-2402

| Freq. MHz | Reading Level dBuV | Ant. Fac. dB/m | Pre. Fac. dB | Cab. Loss dB | Measured dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol. |
|--------------|--------------------------|----------------------|--------------------|--------------------|--------------------|-----------------|--------------|---------|------------|
| 2378.37 | 48.63 | 32.89 | 35.16 | 3.51 | 49.87 | 74 | -24.13 | Peak | Horizontal |
| 2378.40 | 35.59 | 32.90 | 35.16 | 3.51 | 36.84 | 54 | -17.16 | Average | Horizontal |
| 2390.00 | 53.78 | 32.92 | 35.16 | 3.54 | 55.08 | 74 | -18.92 | Peak | Horizontal |
| 2389.97 | 37.60 | 32.92 | 35.16 | 3.54 | 38.90 | 54 | -15.10 | Average | Horizontal |
| 2378.37 | 43.75 | 32.89 | 35.16 | 3.51 | 44.99 | 74 | -29.01 | Peak | Vertical |
| 2378.40 | 39.71 | 32.90 | 35.16 | 3.51 | 40.96 | 54 | -13.04 | Average | Vertical |
| 2390.00 | 50.11 | 32.92 | 35.16 | 3.54 | 51.41 | 74 | -22.59 | Peak | Vertical |
| 2389.97 | 43.48 | 32.92 | 35.16 | 3.54 | 44.78 | 54 | -9.22 | Average | Vertical |

Tx-2480

| Freq. MHz | Reading Level dBuV | Ant. Fac. dB/m | Pre. Fac. dB | Cab. Loss dB | Measured dBuV/m | Limit dBuV/m | Margin dB | Remark | Pol. |
|--------------|--------------------------|----------------------|--------------------|--------------------|--------------------|-----------------|--------------|---------|------------|
| 2483.50 | 52.03 | 33.06 | 35.18 | 3.60 | 52.03 | 74 | -21.97 | Peak | Horizontal |
| 2483.51 | 35.27 | 33.08 | 35.18 | 3.60 | 35.27 | 54 | -18.73 | Average | Horizontal |
| 2488.73 | 44.63 | 33.08 | 35.18 | 3.62 | 44.63 | 74 | -29.37 | Peak | Horizontal |
| 2488.76 | 37.55 | 33.08 | 35.18 | 3.62 | 37.55 | 54 | -16.45 | Average | Horizontal |
| 2483.50 | 50.90 | 33.06 | 35.18 | 3.60 | 50.90 | 74 | -23.10 | Peak | Vertical |
| 2483.51 | 31.30 | 33.08 | 35.18 | 3.60 | 31.30 | 54 | -22.70 | Average | Vertical |
| 2488.73 | 46.96 | 33.08 | 35.18 | 3.62 | 46.96 | 74 | -27.04 | Peak | Vertical |
| 2488.76 | 40.09 | 33.08 | 35.18 | 3.62 | 40.09 | 54 | -13.91 | Average | Vertical |

5.5. Conducted Spurious Emissions and Band Edges Test

5.5.1. Standard Applicable

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a)is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

5.5.2. Instruments Setting

The following table is the setting of the spectrum analyzer.

| Spectrum Parameter | Setting |
|---|---------------|
| Detector | Peak |
| Attenuation | Auto |
| RB / VB (Emission in restricted band) | 100KHz/300KHz |
| RB / VB (Emission in non-restricted band) | 100KHz/300KHz |

5.5.3. Test Procedures

The transmitter output is connected to a spectrum analyzer. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz

The spectrum from 9kHz to 26.5GHz is investigated with the transmitter set to the lowest, middle, and highest channels.

5.5.4. Test Setup Layout

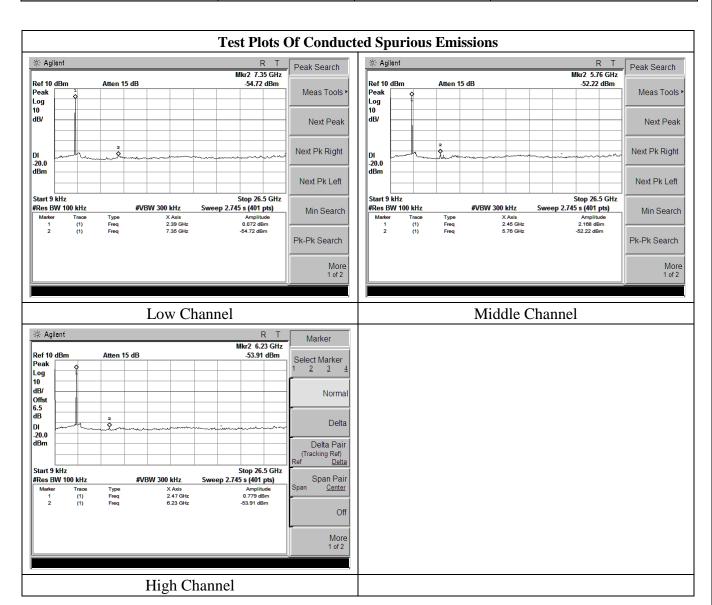
This test setup layout is the same as that shown in section 5.3.4.

5.5.5. EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

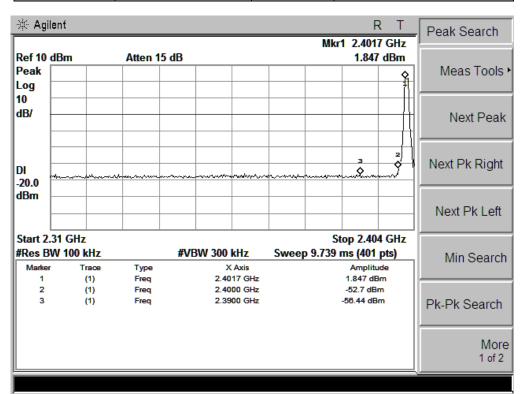
5.5.6. Test Results of Conducted Spurious Emissions

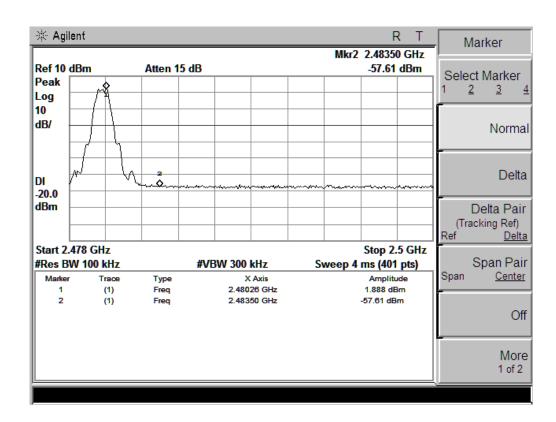
| Temperature | 25°C | Humidity | 60% |
|---------------|----------|-----------|---------------|
| Test Engineer | Chaz Liu | Test Date | June 14, 2016 |



5.5.7. Test Results of Band Edges Test

| Temperature | 25°C | Humidity | 60% |
|---------------|----------|-----------|---------------|
| Test Engineer | Chaz Liu | Test Date | June 14, 2016 |





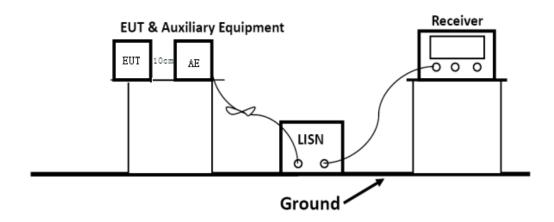
5.6. Power line conducted emissions

5.6.1 Standard Applicable

According to §15.207 (a): For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed 250 microvolts (The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz). The limits at specific frequency range is listed as follows:

| Frequency Range | Limits | (dBμV) |
|-----------------|------------|----------|
| (MHz) | Quasi-peak | Average |
| 0.15 to 0.50 | 66 to 56 | 56 to 46 |
| 0.50 to 5 | 56 | 46 |
| 5 to 30 | 60 | 50 |

5.6.2 Block Diagram of Test Setup

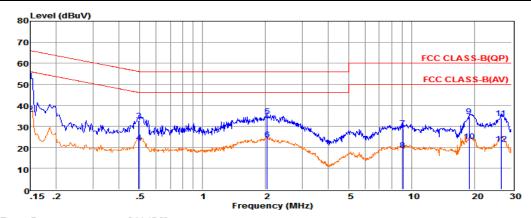


5.6.3 Test Results

PASS.

The test data please refer to following page.

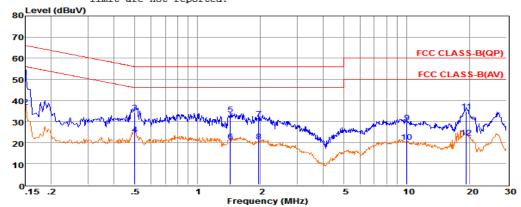
| Temperature | 24°C | Humidity | 56% |
|---------------|---------------|----------------|----------------|
| Test Engineer | Chaz Liu | Configurations | TX-Low Channel |
| Test Date | June 14, 2016 | Power Rating | AC 120V/60Hz |



24*/56% NEUTRAL Env. Ins: Pol: Freq Reading LisnFac CabLos Atten_Fac Measured Limit

| | Freq | Reading | LisnFac | CabLos | Atten_Fac | Measured | Limit | Over | Remark |
|-----|----------|---------|---------|--------|-----------|----------|-------|--------|---------|
| | MHz | dBuV | dB | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.15000 | 32.07 | 9.70 | 0.02 | 10.00 | 51.79 | 66.00 | -14.21 | QP |
| 2 | 0.15010 | 16.35 | 9.70 | 0.02 | 10.00 | 36.07 | 55.99 | -19.92 | Average |
| 3 | 0.49673 | 13.01 | 9.62 | 0.04 | 10.00 | 32.67 | 56.05 | -23.38 | QP |
| 4 | 0.49683 | 2.75 | 9.62 | 0.04 | 10.00 | 22.41 | 46.05 | -23.64 | Average |
| 5 | 2.03328 | 15.12 | 9.63 | 0.05 | 10.00 | 34.80 | 56.00 | -21.20 | QP |
| 6 | 2.03428 | 3.97 | 9.63 | 0.05 | 10.00 | 23.65 | 46.00 | -22.35 | Average |
| 7 | 9.05917 | 9.47 | 9.71 | 0.08 | 10.00 | 29.26 | 60.00 | -30.74 | QP |
| 8 | 9.06017 | -1.00 | 9.71 | 0.08 | 10.00 | 18.79 | 50.00 | -31.21 | Average |
| 91 | 8.82048 | 14.87 | 9.84 | 0.11 | 10.00 | 34.82 | 60.00 | -25.18 | QP |
| 101 | 8.82148 | 2.85 | 9.84 | 0.11 | 10.00 | 22.80 | 50.00 | -27.20 | Average |
| 112 | 26.69922 | 14.00 | 9.83 | 0.13 | 10.00 | 33.96 | 60.00 | -26.04 | QP |
| 122 | 26.70022 | 1.75 | 9.83 | 0.13 | 10.00 | 21.71 | 50.00 | -28.29 | Average |
| | | | | | | | | | |

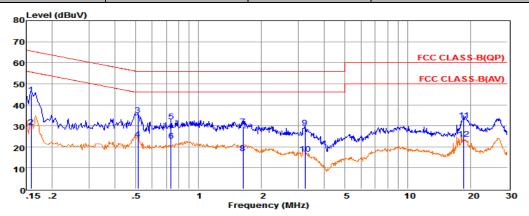
Remarks: 1. Measured = Reading + Lisn Factor +Cable Loss+Atten_Fac.
2. The emission levels that are 20dB below the official limit are not reported.



24*/56% Env. Ins: LINE Pol:

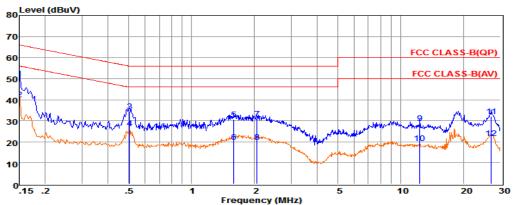
| Freq | Reading | LisnFac | CabLos | Atten_Fac | Measured | Limit | Over | Remark |
|------------|---------|---------|--------|-----------|----------|-------|--------|---------|
| MHz | dBuV | dB | dB | dB | dBuV | dBuV | dB | |
| 1 0.15000 | 31.12 | 9.57 | 0.02 | 10.00 | 50.71 | 66.00 | -15.29 | QP |
| 2 0.15010 | 17.25 | 9.57 | 0.02 | 10.00 | 36.84 | 55.99 | -19.15 | Average |
| 3 0.50203 | 14.67 | 9.62 | 0.04 | 10.00 | 34.33 | 56.00 | -21.67 | QP |
| 4 0.50213 | 4.04 | 9.62 | 0.04 | 10.00 | 23.70 | 46.00 | -22.30 | Average |
| 5 1.43328 | 13.63 | 9.64 | 0.05 | 10.00 | 33.32 | 56.00 | -22.68 | QP |
| 6 1.43428 | 0.87 | 9.64 | 0.05 | 10.00 | 20.56 | 46.00 | -25.44 | Average |
| 7 1.95925 | 11.59 | 9.64 | 0.05 | 10.00 | 31.28 | 56.00 | -24.72 | QP |
| 8 1.96025 | 0.87 | 9.64 | 0.05 | 10.00 | 20.56 | 46.00 | -25.44 | Average |
| 910.01862 | 9.53 | 9.69 | 0.08 | 10.00 | 29.30 | 60.00 | -30.70 | QP |
| 1010.01962 | 0.33 | 9.69 | 0.08 | 10.00 | 20.10 | 50.00 | -29.90 | Average |
| 1119.22360 | 14.82 | 9.75 | 0.12 | 10.00 | 34.69 | 60.00 | -25.31 | QP |
| 1219.22460 | 2.33 | 9.75 | 0.12 | 10.00 | 22.20 | 50.00 | -27.80 | Average |
| | | | | | | | | |

| Temperature | 24°C | Humidity | 56% | |
|---------------|---------------|----------------|----------------|--|
| Test Engineer | Chaz Liu | Configurations | TX-Low Channel | |
| Test Date | June 14, 2016 | Power Rating | 240V/60Hz | |



Env. Ins: 24*/56% Pol: LINE

Reading LisnFac CabLos Atten_Fac Measured Limit Over MHz dBuV dΒ dΒ dB dBuV dBuV dΒ -20.55 -25.99 0.15816 25.41 9.58 0.02 10.00 45.01 65.56 QΡ 10.00 0.15826 9.96 9.58 0.02 29.56 55.55 Average 0.51278 15.38 9.62 0.04 10.00 35.04 56.00 -20.96 9.62 0.04 -22.30 0.51378 4.04 10.00 23.70 46.00 Average 0.73910 12.29 9.64 0.04 10.00 31.97 56.00 -24.03 9.64 -23.15 3.17 0.04 10.00 22.85 46.00 Average 1.62763 9.90 9.64 0.05 10.00 29.59 56.00 -26.41 1.62863 -2.599.64 0.05 10.00 17.10 46.00 -28.90 Average 9 3.22395 10 3.22495 29.14 16.73 -26.86 -29.27 9.43 9.65 0.06 10.00 56.00 9.65 -2.98 0.06 10.00 46.00 Average 12.87 60.00 -27.27 9.75 0.11 23.70 1218.52469 3.84 10.00 50.00 -26.30Average



| | | | | | rrequency | (IVITZ) | | | |
|--------------|----------|---------|------------------|--------|-----------|----------|-------|--------|---------|
| Env. Pol: | Ins: | | 4*/56% CUTRAL | | | | | | |
| | Freq | Reading | LisnFac | CabLos | Atten_Fac | Measured | Limit | Over | Remark |
| | MHz | dBuV | dB | dB | dB | dBuV | dBuV | dB | |
| 1 | 0.15000 | 30.35 | 9.70 | 0.02 | 10.00 | 50.07 | 66.00 | -15.93 | QP |
| 2 | 0.15010 | 20.53 | 9.70 | 0.02 | 10.00 | 40.25 | 55.99 | -15.74 | Average |
| 3 | 0.50469 | 14.71 | 9.62 | 0.04 | 10.00 | 34.37 | 56.00 | -21.63 | QP |
| 4 | 0.50479 | 6.72 | 9.62 | 0.04 | 10.00 | 26.38 | 46.00 | -19.62 | Average |
| 5 | 1.59350 | 11.06 | 9.63 | 0.05 | 10.00 | 30.74 | 56.00 | -25.26 | QP |
| 6 | 1.59450 | 0.39 | 9.63 | 0.05 | 10.00 | 20.07 | 46.00 | -25.93 | Average |
| 7 | 2.05495 | 11.19 | 9.63 | 0.05 | 10.00 | 30.87 | 56.00 | -25.13 | QP |
| 8 | 2.05595 | 0.29 | 9.63 | 0.05 | 10.00 | 19.97 | 46.00 | -26.03 | Average |
| 9: | 12.31823 | 8.90 | 9.73 | 0.09 | 10.00 | 28.72 | 60.00 | -31.28 | QP |
| 101 | 12.31923 | -0.45 | 9.73 | 0.09 | 10.00 | 19.37 | 50.00 | -30.63 | Average |
| 112 | 27.12700 | 12.12 | 9.83 | 0.13 | 10.00 | 32.08 | 60.00 | -27.92 | QP |
| 122 | 27.12800 | 1.72 | 9.83 | 0.13 | 10.00 | 21.68 | 50.00 | -28.32 | Average |

Remarks: 1. Measured = Reading + Lisn Factor +Cable Loss+Atten_Fac.
2. The emission levels that are 20dB below the official limit are not reported.

^{***}Note: Pre-scan all modes and recorded the worst case results in this report (BLE (Low Channel).

5.7. Antenna Requirements

5.7.1.Standard Applicable

According to antenna requirement of §15.203.

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be re-placed by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of Sections 15.211, 15.213, 15.217, 15.219, or 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with Section 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this Part are not exceeded.

And according to §15.247(4)(1), system operating in the 2400-2483.5MHz bands that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

5.7.2. Antenna Connected Construction

5.7.2.1.Standard Applicable

5.7.3.Results: Compliance.

According to §15.203 & RSS-Gen, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

5.7.2.2.Antenna Connector Construction

The directional gains of antenna used for transmitting is 0dBi, and the antenna is connected to PCB board and no consideration of replacement. Please see EUT photo for details.

| THE END OF REPORT |
|-------------------|