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Application for FCC Certification On behalf of

Sipod Inc.

Product Name: Sipod IP WALKIE TALKIE

Model No.: C200

Serial No.: E2010011809

FCC ID: X64-C200

Prepared For: Sipod Inc.

4633 Old Ironsides Drive, #400 Santa Clara, CA 95054

Prepared By :Audix Technology (Shanghai) Co., Ltd. 3F 34Bldg 680 Guiping Rd., Caohejing Hi-Tech Park, Shanghai 200233, China

Tel: +86-21-64955500 Fax: +86-21-64955491

Report No. : ACI-F10021
Date of Test : Feb. 10 - 23, 2010
Date of Report : Feb. 26, 2010

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Sipod Inc.

TEST REPORT FOR FCC CERTIFICATE

Applicant

Sipod Inc.

Manufacturer

Alane Technology (Suzhou) Co., Ltd.

Alane International Co., Ltd.

EUT Description :

Sipod IP WALKIE TALKIE

(A) Model No.

C200

(B) Serial No.

E2010011809

(C) Power Supply:

DC 4.2V (Li-ion Battery)

(D) Test Voltage :

AC 120V/60Hz via switching adapter

Test Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART C OCTOBER 2008 AND ANSI C63.4-2003

The device described above is tested by Audix Technology (Shanghai) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits.

The test results are contained in this test report and Audix Technology (Shanghai) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. This report also shows that the EUT (M/N: C200, S/N: E2010011809), which was tested on Feb. 10 - 23, 2010 is technically compliance with the FCC limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shanghai) Co., Ltd.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

Date of Test:

Feb. 10 - 23, 2010

Date of Report: Feb. 26, 2010

Producer:

Review:

For and on behalf of

Audix Technology (Shanghai) Co., Ltd.

Authorized Signature EMC SAN

Sipod Inc. FCC ID: X64-C200 Page 5 of 64

1 SUMMARY OF STANDARDS AND RESULTS

1.1 Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below:

| Description / Test Item | Test Standard | Results | Meets Limit |
|--|---|---------|---------------------------|
| | EMISSION | | |
| Conducted Emission | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.207 |
| Radiated Emission | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.209(a) 15.205(a)(c) |
| 6 dB Bandwidth Measurement | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.247(a)(2) |
| Maximum Peak Output Power Measurement | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.247(b)(3) |
| Emission Limitations Measurement | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.247(d) |
| Band Edge Measurement | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.247(d) |
| Power Spectral Density Measurement | FCC RULES AND REGULATIONS PART 15 SUBPART C October 2008 AND ANSI C63.4:2003 AND KDB558074 | Pass | 15.247(e) |

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2 GENERAL INFORMATION

2.1 Description of Equipment Under Test

Description : Sipod IP WALKIE TALKIE

Type of EUT ☐ Production ☐ Pre-product ☐ Pro-type

Model Number : C200

Serial Number : E2010011809

Note : The EUT has 8 different color models:

See APPENDIX II - PHOTOGRAPHS OF EUT.

Applicant : Sipod Inc.

4633 Old Ironsides Drive, #400 Santa Clara, CA 95054

Manufacturer : Alane Technology (Suzhou) Co., Ltd.

Alane International Co., Ltd.

#49, 9 Dongfu Road, DongJing Industrial Part, East LouFeng, Suzhou Industrial Part, Suzhou, Jiangsu,

215123, China

Power Supply : DC 4.2V (Li-ion Battery)

Li-ion Battery : Manufacturer : Shenzhen Desay Battery Technology

Co., Ltd.

P/N No : 99-26-050013

Rating : 4.2V

Switching : Manufacturer : Shenzhen Tongke Electronic Co., Ltd.

Adapter M/N : SAP-3W01C 05003

I/P : AC 100-240V 50/60Hz 0.2A

O/P : DC 5V 500mA

Radio Tech : IEEE 802.11b/g

Freq. Band : 2412 MHz - 2462 MHz

Total 11 Channels in 5 MHz Separation

Tested Freq. : 2412 MHz (Channel 01)

2437 MHz (Channel 06) 2462 MHz (Channel 11)

Modulation : DSSS for 802.11b

OFDM for 802.11g

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Transmit data rate: 802.11b: 1, 2, 5.5, 11, 22 Mbps

802.11g: 6, 9, 12, 18, 24, 36, 48, 54, 72 Mbps

After testing, the highest peak output power of the EUT was at 2 Mbps in 802.11b mode and 12 Mbps in

802.11g mode.

So 2 Mbps and 12 Mbps mode were representative

selected to test in this report.

Antenna Gain : 2.5dBi

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2.2 Description of Test Facility

Site Description : Sept. 17, 1998 file on (Semi-Anechoic Chamber) Apr 29, 2009 Renewed

Federal Communications Commission

FCC Engineering Laboratory 7435 Oakland Mills Road Columbia, MD 21046, USA

Name of Firm : Audix Technology (Shanghai) Co., Ltd.

Site Location : 3 F 34 Bldg 680 Guiping Rd.,

Caohejing Hi-Tech Park, Shanghai 200233, China

FCC registration Number : 91789

Accredited by NVLAP, Lab Code: 200371-0

2.3 Measurement Uncertainty

Conducted Emission Expanded Uncertainty : U = 1.26 dBRadiated Emission Expanded Uncertainty : U = 3.02 dB6 dB Bandwidth Expanded Uncertainty : U = 0.05 kHzMaximum Peak Output Power Expanded Uncertainty : U = 0.30 dBmEmission Limitations Expanded Uncertainty : U = 0.15 dBBand Edge Expanded Uncertainty : U = 0.15 dBPower Spectral Density Expanded Uncertainty : U = 0.15 dB

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3 CONDUCTED EMISSION TEST

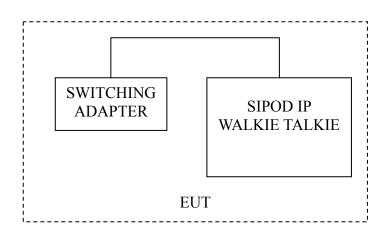
3.1 Test Equipment

The following test equipments are used during the conducted emission test in a shielded room:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|-----------------------------------|--------------|-----------|----------------------|--------------|--------------|
| 1. | Test Receiver | R&S | ESCI | 100841 | Nov 21, 2009 | Nov 21, 2010 |
| 2. | Artificial Mains Network (AMN) | R&S | ESH2-Z5 | 843890/011 | Apr 02, 2009 | Apr 02, 2010 |
| 3. | 50 Ω Coaxial Switch | Anritsu | MP59B | 6200426389 | Sep19, 2009 | Mar 19, 2010 |
| 4. | 50Ω Terminator | Anritsu | BNC | 001 | Apr 02, 2009 | Apr 02, 2010 |
| 5. | Software | Audix | E3 | SET00200 9804M592 | | |

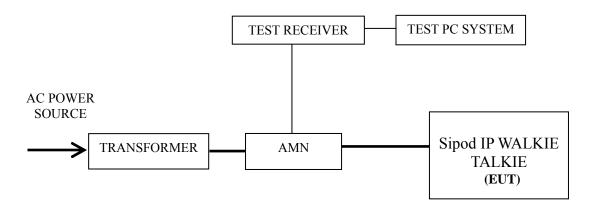
3.2 Block Diagram of Test Setup

3.2.1 EUT & Peripherals



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3.2.2 Conducted Disturbance Test Setup



: Signal Line: Power Line

= : 50 ohm Terminator

3.3 Conducted Emission Limits [FCC Part 15 Subpart C 15.207]

| Frequency Range | Conducted Limit (dBµV) | | | | | | | |
|--|------------------------|---------|--|--|--|--|--|--|
| (MHz) | Quasi-peak | Average | | | | | | |
| 0.15 ~ 0.5 | 66~56* | 56~46* | | | | | | |
| 0.5 ~ 5 | 56 | 46 | | | | | | |
| 5 ~ 30 | 60 | 50 | | | | | | |
| NOTE – *Decreases with the logarithm of the frequency. | | | | | | | | |

3.4 Test Configuration

The EUT (listed in Sec.2.1) was installed as shown on Sec.3.2 to meet FCC requirement and operating in a manner that tends to maximize its emission level in a normal application.

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3.5 Operating Condition of EUT

- 3.5.1 Setup the EUT as shown in Sec. 3.2.
- 3.5.2 Turn on the power of all equipments and the EUT.
- 3.5.3 Set the EUT on the test mode (Transmitting), and then test.

3.6 Test Procedures

The EUT was connected to the power mains through an Artificial Mains Network (AMN). This provided a 50 ohm coupling impedance for the measuring equipment.

Both sides of AC line (Line & Neutral) were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed or manipulated according to ANSI C63.4:2003 during conducted emission test.

The bandwidth of R&S Test Receiver ESCI was set at 9 kHz.

The frequency range from 150 kHz to 30 MHz was checked.

The test modes were done on conducted disturbance test and all the test results are listed in Sec. 3.7.

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3.7 Test Results

< PASS >

The frequency and amplitude of the highest conducted emission relative to the limit is reported. All emissions not reported below are too low against the prescribed limits.

NOTE 1 - Factor = Cable Loss + AMN Factor.

NOTE 2 – Emission Level = Meter Reading + Factor.

NOTE 3 – "QP" means "Quasi-Peak" values, "AV" means "Average" values.

NOTE 4 – The worst emission is detected at 0.206 MHz (Quasi-Peak Value) with corrected signal level of 47.95 dB (μ V) (limit is 63.36 dB (μ V)), when the Neutral of the EUT is connected to AMN.

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EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 48%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : Transmitting

| Test Line | Frequency (MHz) | Meter Reading dB(μV) | Factor (dB) | Emission Level dB(µV) | Limits dB(µV) | Margin (dB) | Remark |
|--------------|-----------------|----------------------------|-------------|-----------------------------|---------------|-------------|--------|
| | 0.157 | 47.62 | 0.23 | 47.85 | 65.60 | 17.75 | |
| | 0.206 | 46.90 | 0.22 | 47.12 | 63.36 | 16.24 | |
| | 0.259 | 44.08 | 0.24 | 44.32 | 61.47 | 17.15 | OD |
| | 0.310 | 41.87 | 0.25 | 42.12 | 59.97 | 17.85 | QP |
| | 0.360 | 39.46 | 0.26 | 39.72 | 58.74 | 19.02 | |
| Lina | 0.627 | 29.62 | 0.28 | 29.90 | 56.00 | 26.10 | |
| Line | 0.157 | 36.00 | 0.23 | 36.23 | 55.60 | 19.37 | |
| | 0.206 | 32.51 | 0.22 | 32.73 | 53.36 | 20.63 | |
| | 0.259 | 28.60 | 0.24 | 28.84 | 51.47 | 22.63 | A T 7 |
| | 0.310 | 30.00 | 0.25 | 30.25 | 49.97 | 19.72 | AV |
| | 0.360 | 28.51 | 0.26 | 28.77 | 48.74 | 19.97 | |
| | 0.627 | 18.60 | 0.28 | 18.88 | 46.00 | 27.12 | |
| | 0.156 | 49.56 | 0.20 | 49.76 | 65.65 | 15.89 | |
| | 0.206 | 47.75 | 0.20 | 47.95 | 63.36 | 15.41 | |
| | 0.259 | 45.01 | 0.22 | 45.23 | 61.47 | 16.24 | OD |
| | 0.313 | 39.93 | 0.23 | 40.16 | 59.88 | 19.72 | QP |
| | 0.408 | 39.03 | 0.25 | 39.28 | 57.68 | 18.40 | |
| NI asstral | 0.716 | 30.00 | 0.28 | 30.28 | 56.00 | 25.72 | |
| Neutral | 0.156 | 35.20 | 0.20 | 35.40 | 55.65 | 20.25 | |
| | 0.206 | 33.51 | 0.20 | 33.71 | 53.36 | 19.65 | |
| | 0.259 | 26.50 | 0.22 | 26.72 | 51.47 | 24.75 | AX7 |
| | 0.313 | 28.63 | 0.23 | 28.86 | 49.88 | 21.02 | AV |
| | 0.408 | 28.60 | 0.25 | 28.85 | 47.68 | 18.83 | |
| | 0.716 | 19.50 | 0.28 | 19.78 | 46.00 | 26.22 | |

TEST ENGINEER: HUGH HUANG

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4 RADIATED EMISSION TEST

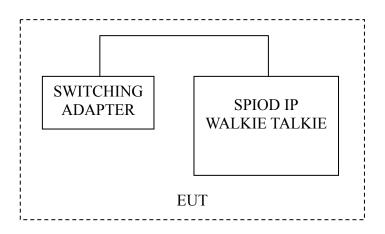
4.1 Test Equipment

The following test equipment are used during the radiated emission test in a semi-anechoic chamber:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|-----------------------|--------------|-----------|------------------------|--------------|--------------|
| 1. | Preamplifier | Agilent | 8447D | 2944A10548 | Sep 19, 2009 | Mar 19, 2010 |
| 2. | Preamplifier | HP | 8449B | 3008A00864 | May 19, 2009 | May 19, 2010 |
| 3. | Spectrum Analyzer | Agilent | E7405A | MY45106600 | May 19, 2009 | May 19, 2010 |
| 4. | Test Receiver | R&S | ESVS10 | 844594/001 | Mar 07, 2009 | Mar 07, 2010 |
| 5. | Bi-log Antenna | TESEQ | CBL6112D | 23193 | May 14, 2009 | May 14, 2010 |
| 6. | Horn Antenna | EMCO | 3115 | 9607-4878 | Oct 26, 2009 | Oct 26, 2010 |
| 7. | Horn Antenna | EMCO | 3116 | 00062643 | Oct 26, 2009 | Oct 26, 2010 |
| 8. | 50Ω Coaxial Switch | Anritsu | MP59B | 6200426390 | Sep 19, 2009 | Mar 19, 2010 |
| 9. | Software | Audix | Е3 | SET00200 9912M295-2 | - | - |

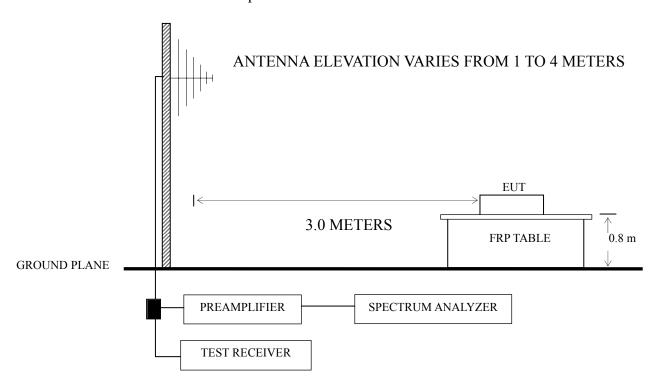
4.2 Block Diagram of Test Setup

4.2.1 EUT & Peripherals



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4.2.2 Test Setup



: 50 ohm Coaxial Switch

4.3 Radiated Emission Limit [FCC Part 15 Subpart C 15.209]

| Frequency | Distance | Field strength limits ($\mu V/m$) | | | | |
|-----------|----------|-------------------------------------|----------|--|--|--|
| (MHz) | (m) | (µV/m) | dB(μV/m) | | | |
| 30 ~ 88 | 3 | 100 | 40.0 | | | |
| 88 ~ 216 | 3 | 150 | 43.5 | | | |
| 216 ~ 960 | 3 | 200 | 46.0 | | | |
| Above 960 | 3 | 500 | 54.0 | | | |

- NOTE 1 Emission Level dB (μ V/m) = 20 log Emission Level (μ V/m)
- NOTE 2 The tighter limit applies at the band edges.
- NOTE 3 Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- NOTE 4 The limits shown are based on Quasi-peak value detector below or equal to 1GHz and Average value detector above 1GHz.
- NOTE 5 Above 1 GHz, the limit on peak emission is 20 dB above the maximum permitted average emission limit applicable to the EUT

4.4 Test Configuration

The EUT (listed in Sec.2.1) and the simulators (listed in Sec2.2) were installed as shown on Sec.3.2 to meet FCC requirements and operating in a manner that tends to maximize its emission level in a normal application.

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4.5 Operating Condition of EUT

- 4.5.1 Setup the EUT as shown in Sec. 3.2.
- 4.5.2 Turn on the power of all equipment.
- 4.5.3 Turn the EUT on the test mode, and then test.
- 4.5.4 Configured the EUT in three axis: Lying, Side, Stand, and test separately.

4.6 Test Procedures

Radiated emission test applies to harmonics/spurs that fall in the restricted bands listed in Section 15.205. The maximum permitted average field strength is listed in Section 15.209. A pre-amp is necessary for this measurement. For measurement above 1 GHz, set RBW = 1MHz, VBW = 10 Hz, Sweep: Auto. If the emission is pulsed, modify the unit for continuous operation; use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.

The EUT was placed on a turntable that is 0.8 meter above ground. The turntable rotated 360 degrees to determine the position of the maximum emission level. The EUT was set 3 meters away from the receiving antenna, which was mounted on an antenna tower. The antenna moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (Calibrated Bilog Antenna) or Horn antenna was used as receiving antenna. Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interference cables were manipulated according to ANSI C63.4:2003 requirements during radiated emission test.

The bandwidth of Test Receiver R&S ESVS10 was set at 120 kHz from 30MHz to 1000MHz.

The bandwidth of the VBW was set at 1MHz and RBW was set at 1MHz for peak emission measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emission above 1GHz for Spectrum Agilent E7405A.

The frequency range from 30 MHz to 25 GHz (Up to 10th harmonics from fundamental frequency) was checked.

The EUT was tested under the following test modes:

| Mode | Operation | Channel | Frequency |
|------|--------------|---------|-----------|
| 1. | | 01 | 2412 MHz |
| 2. | Transmitting | 06 | 2437 MHz |
| 3. | | 11 | 2462 MHz |
| 4. | Receiving | 06 | 2437 MHz |
| 5. | Transmitting | 01 | 2412 MHz |
| 6. | Band-Edge | 11 | 2462 MHz |

All the test results are listed in Sec.4.7.

Sipod Inc. FCC ID: X64-C200 Page 17 of 64

4.7 Test Results

<PASS>

The frequency and amplitude of the highest radiated emission relative the limit is reported. All the emissions not reported below are too low against the FCC limit.

| No. | Operation | Modulation | Channel | Frequency | Data Page | | |
|-----|--------------|--------------|---------|-----------|-----------|---------|--|
| 1. | | | 01 | 2412 MHz | I | P18 | |
| 2. | | 802.11b | 06 | 2437 MHz |] | P19 | |
| 3. | Transmitting | | 11 | 2462 MHz | P20 | | |
| 4. | | Transmitting | | 01 | 2412 MHz | P21 | |
| 5. | | 802.11g | 06 | 2437 MHz | P22 | | |
| 6. | | | 11 | 2462 MHz | P23 | | |
| 7. | Dagairing | 802.11b | 06 | 2437 MHz |] | P24 | |
| 9. | Receiving | 802.11g | 06 | 2437 MHz | P25 | | |
| 10. | | 802.11b | 01 | 2412 MHz | | P26-P29 | |
| 11. | Transmittins | 002.110 | 11 | 2462 MHz | Band | P30-P33 | |
| 12. | Transmitting | 002 11 | 01 | 2412 MHz | Edge | P34-P37 | |
| 13. | | 802.11g | 11 | 2462 MHz | | P38-P41 | |

- NOTE 1 All reading are Quasi-Peak values below or equal to 1GHz and Peak values above 1GHz. For measurements above 1 GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.

 For Band-Edge measurements, both peak and average value were measured.
- NOTE 2 The emission levels recorded below is data of EUT configured in Lying direction, for Lying direction was the maximum emission direction during the test. The data of Side & Stand direction are too low against the official limit to be reported.
- NOTE 3 Measurement was up to 25GHz, only data of 30MHz to 8GHz were recorded in the report, because the emission levels of 8GHz to 25GHz were too low against the official limit and not reported.
- NOTE 4 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

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EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11b Transmitting Ch01

| Polarization | Frequency (MHz) | Meter Reading dB (μV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB (µV/m) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|------------------|-------------|--------------|
| | 30.970 | 0.23 | 19.03 | 0.63 | | 19.89 | 40.00 | 20.11 | |
| | 124.090 | 0.85 | 12.81 | 1.15 | | 14.81 | 43.50 | 28.69 | |
| | 255.040 | 1.92 | 13.01 | 1.63 | | 16.56 | 46.00 | 29.44 | QP |
| | 364.650 | 2.96 | 15.73 | 1.91 | | 20.60 | 46.00 | 25.40 | ŲI |
| Horizontal | 536.340 | 1.59 | 18.39 | 2.34 | | 22.32 | 46.00 | 23.68 | |
| Tiorizontai | 882.630 | 1.06 | 21.53 | 2.99 | | 25.58 | 46.00 | 20.42 | |
| | 1483.000 | 47.47 | 26.08 | 3.76 | 34.15 | 43.16 | 74.00 | 30.84 | |
| | 3114.000 | 45.65 | 30.77 | 5.55 | 34.20 | 47.77 | 74.00 | 26.23 | PK |
| | 4824.000 | 47.75 | 33.26 | 7.09 | 34.28 | 53.82 | 74.00 | 20.18 | |
| | 7236.000 | 42.83 | 35.51 | 8.83 | 35.15 | 52.02 | 74.00 | 21.98 | |
| | 36.790 | 12.98 | 15.80 | 0.68 | | 29.46 | 40.00 | 10.54 | |
| | 48.430 | 15.14 | 9.62 | 0.75 | | 25.51 | 40.00 | 14.49 | |
| | 78.500 | 8.26 | 7.61 | 0.93 | | 16.80 | 40.00 | 23.20 | \bigcirc D |
| | 200.720 | 4.33 | 10.74 | 1.43 | | 16.50 | 43.50 | 27.00 | QP |
| Vertical | 480.080 | 2.13 | 17.65 | 2.21 | | 21.99 | 46.00 | 24.01 | |
| Vertical | 806.000 | 1.15 | 20.77 | 2.89 | | 24.81 | 46.00 | 21.19 | |
| | 1427.000 | 53.74 | 25.89 | 3.63 | 34.14 | 49.12 | 74.00 | 24.88 | |
| | 3646.000 | 45.35 | 31.93 | 6.11 | 34.20 | 49.19 | 74.00 | 24.81 | PK |
| | 4824.000 | 46.75 | 33.26 | 7.09 | 34.28 | 52.82 | 74.00 | 21.18 | ГK |
| | 7236.000 | 42.83 | 35.51 | 8.83 | 35.15 | 52.02 | 74.00 | 21.98 | |

Sipod Inc. FCC ID: X64-C200 Page 19 of 64

EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11b Transmitting Ch06

| Polarization | Frequency (MHz) | Meter Reading dB (μV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB ($\mu V/m$) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|-------------------------|-------------|--------|
| | 34.850 | 1.46 | 16.97 | 0.66 | | 19.09 | 40.00 | 20.91 | |
| | 119.240 | 1.07 | 12.97 | 1.13 | | 15.17 | 43.50 | 28.33 | |
| | 252.130 | 2.37 | 12.94 | 1.62 | | 16.93 | 46.00 | 29.07 | QP |
| | 432.550 | 1.99 | 16.95 | 2.08 | | 21.02 | 46.00 | 24.98 | Qr |
| Horizontal | 540.220 | 1.68 | 18.42 | 2.34 | | 22.44 | 46.00 | 23.56 | |
| Horizontal | 960.230 | 3.50 | 22.13 | 3.12 | | 28.75 | 54.00 | 25.25 | |
| | 2071.000 | 44.83 | 27.85 | 4.52 | 34.20 | 43.00 | 74.00 | 31.00 | |
| | 3583.000 | 45.69 | 31.80 | 6.06 | 34.20 | 49.35 | 74.00 | 24.65 | PK |
| | 4874.000 | 41.92 | 33.31 | 7.14 | 34.29 | 48.08 | 74.00 | 25.92 | |
| | 7311.000 | 43.75 | 35.56 | 8.91 | 35.20 | 53.02 | 74.00 | 20.98 | |
| | 36.790 | 12.64 | 15.80 | 0.68 | | 29.12 | 40.00 | 10.88 | |
| | 48.430 | 16.15 | 9.62 | 0.75 | | 26.52 | 40.00 | 13.48 | |
| | 78.500 | 8.76 | 7.61 | 0.93 | | 17.30 | 40.00 | 22.70 | ΩD |
| | 129.910 | 2.93 | 12.52 | 1.17 | | 16.62 | 43.50 | 26.88 | QP |
| Vertical | 482.990 | 1.45 | 17.70 | 2.23 | | 21.38 | 46.00 | 24.62 | |
| Vertical | 793.390 | 1.84 | 20.64 | 2.88 | | 25.36 | 46.00 | 20.64 | |
| | 1420.000 | 52.81 | 25.86 | 3.63 | 34.14 | 48.16 | 74.00 | 25.84 | |
| | 2869.000 | 46.14 | 30.19 | 5.32 | 34.20 | 47.45 | 74.00 | 26.55 | PK |
| | 4874.000 | 41.42 | 33.31 | 7.14 | 34.29 | 47.58 | 74.00 | 26.42 | ГK |
| | 7311.000 | 43.33 | 35.56 | 8.91 | 35.20 | 52.60 | 74.00 | 21.40 | |

Sipod Inc. FCC ID: X64-C200 Page 20 of 64

EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11b Transmitting Ch11

| Polarization | Frequency (MHz) | Meter Reading dB (µV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB (µV/m) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|------------------|-------------|--------|
| | 31.940 | 0.59 | 18.49 | 0.63 | | 19.71 | 40.00 | 20.29 | |
| | 122.150 | 0.83 | 12.91 | 1.14 | 1 | 14.88 | 43.50 | 28.62 | |
| | 200.720 | 6.12 | 10.74 | 1.43 | - | 18.29 | 43.50 | 25.21 | ΩD |
| | 280.260 | 6.41 | 13.55 | 1.70 | • | 21.66 | 46.00 | 24.34 | QP |
| Horizontal | 431.580 | 1.68 | 16.95 | 2.08 | | 20.71 | 46.00 | 25.29 | |
| Попідопіаї | 703.180 | 1.22 | 19.73 | 2.70 | - | 23.65 | 46.00 | 22.35 | |
| | 1378.000 | 48.09 | 25.72 | 3.57 | 34.14 | 43.24 | 74.00 | 30.76 | |
| | 3163.000 | 46.66 | 30.88 | 5.61 | 34.20 | 48.95 | 74.00 | 25.05 | PK |
| | 4924.000 | 46.63 | 33.35 | 7.20 | 34.29 | 52.89 | 74.00 | 21.11 | PK |
| | 7386.000 | 43.23 | 35.63 | 9.02 | 35.25 | 52.63 | 74.00 | 21.37 | |
| | 34.850 | 11.73 | 16.97 | 0.66 | | 29.36 | 40.00 | 10.64 | |
| | 48.430 | 15.67 | 9.62 | 0.75 | | 26.04 | 40.00 | 13.96 | |
| | 134.760 | 3.05 | 12.30 | 1.19 | | 16.54 | 43.50 | 26.96 | OD |
| | 239.520 | 5.40 | 12.52 | 1.57 | | 19.49 | 46.00 | 26.51 | QP |
| Vertical | 458.740 | 1.85 | 17.35 | 2.15 | | 21.35 | 46.00 | 24.65 | |
| Vertical | 719.670 | 2.06 | 19.91 | 2.73 | | 24.70 | 46.00 | 21.30 | |
| | 1322.000 | 53.10 | 25.51 | 3.51 | 34.13 | 47.99 | 74.00 | 26.01 | |
| | 1875.000 | 47.47 | 27.26 | 4.29 | 34.19 | 44.83 | 74.00 | 29.17 | PK |
| | 4924.000 | 45.73 | 33.35 | 7.20 | 34.29 | 51.99 | 74.00 | 22.01 | гК |
| | 7386.000 | 43.61 | 35.63 | 9.02 | 35.25 | 53.01 | 74.00 | 20.99 | |

Sipod Inc. FCC ID: X64-C200 Page 21 of 64

EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11g Transmitting Ch01

| Polarization | Frequency (MHz) | Meter Reading dB (μV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB ($\mu V/m$) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|-------------------------|-------------|--------|
| | 30.970 | 0.40 | 19.03 | 0.63 | | 20.06 | 40.00 | 19.94 | |
| | 121.180 | 0.38 | 12.95 | 1.13 | | 14.46 | 43.50 | 29.04 | |
| | 227.880 | 1.64 | 12.02 | 1.53 | | 15.19 | 46.00 | 30.81 | QP |
| | 370.470 | 1.60 | 15.88 | 1.92 | | 19.40 | 46.00 | 26.60 | Qı |
| Horizontal | 535.370 | 1.48 | 18.36 | 2.34 | | 22.18 | 46.00 | 23.82 | |
| Horizontai | 859.350 | 3.72 | 21.31 | 2.95 | | 27.98 | 46.00 | 18.02 | |
| | 1322.000 | 56.13 | 25.51 | 3.51 | 34.13 | 51.02 | 74.00 | 22.98 | |
| | 2981.000 | 46.28 | 30.46 | 5.42 | 34.20 | 47.96 | 74.00 | 26.04 | PK |
| | 4824.000 | 42.56 | 33.26 | 7.09 | 34.28 | 48.63 | 74.00 | 25.37 | 1 1 |
| | 7236.000 | 43.41 | 35.51 | 8.83 | 35.15 | 52.60 | 74.00 | 21.40 | |
| | 34.850 | 11.92 | 16.97 | 0.66 | | 29.55 | 40.00 | 10.45 | |
| | 48.430 | 14.87 | 9.62 | 0.75 | | 25.24 | 40.00 | 14.76 | |
| | 128.940 | 1.10 | 12.58 | 1.17 | | 14.85 | 43.50 | 28.65 | ΩD |
| | 239.520 | 5.26 | 12.52 | 1.57 | | 19.35 | 46.00 | 26.65 | QP |
| Vertical | 489.780 | 2.20 | 17.78 | 2.25 | | 22.23 | 46.00 | 23.77 | |
| Vertical | 778.840 | 0.96 | 20.49 | 2.86 | | 24.31 | 46.00 | 21.69 | |
| | 1595.000 | 49.09 | 26.46 | 3.93 | 34.16 | 45.32 | 74.00 | 28.68 | |
| | 2967.000 | 46.31 | 30.42 | 5.42 | 34.20 | 47.95 | 74.00 | 26.05 | PK |
| | 4824.000 | 43.42 | 33.26 | 7.09 | 34.28 | 49.49 | 74.00 | 24.51 | ГK |
| | 7236.000 | 43.34 | 35.51 | 8.83 | 35.15 | 52.53 | 74.00 | 21.47 | |

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> Sipod IP Temperature: **EUT**

WALKIE TALKIE

Humidity 60%RH Model No. C200

E2010011809 Date of Test: Serial No. Feb. 11, 2010

802.11g Transmitting Test Mode Ch06

| Polarization | Frequency (MHz) | Meter Reading dB (μV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB ($\mu V/m$) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|-------------------------|-------------|--------|
| | 34.850 | 0.34 | 16.97 | 0.66 | | 17.97 | 40.00 | 22.03 | |
| | 121.180 | -0.31 | 12.95 | 1.13 | | 13.77 | 43.50 | 29.73 | |
| | 257.950 | 1.05 | 13.06 | 1.63 | | 15.74 | 46.00 | 30.26 | QP |
| | 365.620 | 1.51 | 15.73 | 1.91 | | 19.15 | 46.00 | 26.85 | Q1 |
| Horizontal | 557.680 | 0.61 | 18.68 | 2.39 | | 21.68 | 46.00 | 24.32 | |
| Tiorizontai | 884.570 | 1.32 | 21.56 | 2.99 | | 25.87 | 46.00 | 20.13 | |
| | 1063.000 | 48.71 | 24.41 | 3.26 | 34.11 | 42.27 | 74.00 | 31.73 | |
| | 2995.000 | 46.56 | 30.50 | 5.42 | 34.20 | 48.28 | 74.00 | 25.72 | PK |
| | 4874.000 | 42.47 | 33.31 | 7.14 | 34.29 | 48.63 | 74.00 | 25.37 | 11X |
| | 7311.000 | 44.49 | 35.56 | 8.91 | 35.20 | 53.76 | 74.00 | 20.24 | |
| | 36.790 | 12.33 | 15.80 | 0.68 | | 28.81 | 40.00 | 11.19 | |
| | 48.430 | 15.38 | 9.62 | 0.75 | | 25.75 | 40.00 | 14.25 | |
| | 82.380 | 9.89 | 8.19 | 0.96 | | 19.04 | 40.00 | 20.96 | QP |
| | 165.800 | 4.45 | 10.33 | 1.30 | | 16.08 | 43.50 | 27.42 | Qr |
| Vertical | 458.740 | 1.97 | 17.35 | 2.15 | | 21.47 | 46.00 | 24.53 | |
| Vertical | 786.600 | 0.00 | 20.58 | 2.86 | | 23.44 | 46.00 | 22.56 | |
| | 1329.000 | 53.25 | 25.53 | 3.51 | 34.13 | 48.16 | 74.00 | 25.84 | |
| | 3282.000 | 45.04 | 31.15 | 5.77 | 34.20 | 47.76 | 74.00 | 26.24 | PK |
| | 4874.000 | 42.01 | 33.31 | 7.14 | 34.29 | 48.17 | 74.00 | 25.83 | ГK |
| | 7311.000 | 43.39 | 35.56 | 8.91 | 35.20 | 52.66 | 74.00 | 21.34 | |

Sipod Inc. FCC ID: X64-C200 Page 23 of 64

EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11g Transmitting Ch11

| Polarization | Frequency (MHz) | Meter Reading dB (μV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB ($\mu V/m$) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|-------------------------|-------------|--------|
| | 30.970 | -0.65 | 19.03 | 0.63 | | 19.01 | 40.00 | 20.99 | |
| | 121.180 | 1.44 | 12.95 | 1.13 | | 15.52 | 43.50 | 27.98 | |
| | 256.010 | 1.61 | 13.03 | 1.63 | | 16.27 | 46.00 | 29.73 | QP |
| | 413.150 | 0.93 | 16.67 | 2.02 | | 19.62 | 46.00 | 26.38 | Qr |
| Horizontal | 620.730 | 1.13 | 19.30 | 2.51 | | 22.94 | 46.00 | 23.06 | |
| Horizontal | 936.950 | 1.49 | 21.96 | 3.07 | | 26.52 | 46.00 | 19.48 | |
| | 1063.000 | 47.67 | 24.41 | 3.26 | 34.11 | 41.23 | 74.00 | 32.77 | |
| | 2939.000 | 46.03 | 30.35 | 5.39 | 34.20 | 47.57 | 74.00 | 26.43 | PK |
| | 4924.000 | 46.61 | 33.35 | 7.20 | 34.29 | 52.87 | 74.00 | 21.13 | ГK |
| | 7386.000 | 43.57 | 35.63 | 9.02 | 35.25 | 52.97 | 74.00 | 21.03 | |
| | 36.790 | 12.53 | 15.80 | 0.68 | | 29.01 | 40.00 | 10.99 | |
| | 48.430 | 14.79 | 9.62 | 0.75 | | 25.16 | 40.00 | 14.84 | |
| | 78.500 | 8.46 | 7.61 | 0.93 | | 17.00 | 40.00 | 23.00 | OD |
| | 146.400 | 1.13 | 11.61 | 1.22 | | 13.96 | 43.50 | 29.54 | QP |
| Vertical | 390.840 | 5.87 | 16.30 | 1.97 | | 24.14 | 46.00 | 21.86 | |
| Vertical | 672.140 | 2.79 | 19.57 | 2.62 | | 24.98 | 46.00 | 21.02 | |
| | 1329.000 | 55.86 | 25.53 | 3.51 | 34.13 | 50.77 | 74.00 | 23.23 | |
| | 1861.000 | 51.12 | 27.24 | 4.29 | 34.19 | 48.46 | 74.00 | 25.54 | PK |
| | 4924.000 | 44.87 | 33.35 | 7.20 | 34.29 | 51.13 | 74.00 | 22.87 | ГK |
| | 7386.000 | 43.81 | 35.63 | 9.02 | 35.25 | 53.21 | 74.00 | 20.79 | |

Sipod Inc. FCC ID: X64-C200 Page 24 of 64

EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11b Receiving

| Polarization | Frequency (MHz) | Meter Reading dB (µV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB (µV/m) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|------------------|-------------|--------|
| | 31.940 | -0.10 | 18.49 | 0.63 | | 19.02 | 40.00 | 20.98 | |
| | 110.510 | -0.18 | 12.32 | 1.09 | 1 | 13.23 | 43.50 | 30.27 | |
| | 252.130 | 1.70 | 12.94 | 1.62 | | 16.26 | 46.00 | 29.74 | QP |
| | 367.560 | 1.37 | 15.81 | 1.92 | | 19.10 | 46.00 | 26.90 | Qr |
| Horizontal | 578.050 | 0.59 | 18.94 | 2.42 | | 21.95 | 46.00 | 24.05 | |
| Horizontal | 960.230 | 2.49 | 22.13 | 3.12 | | 27.74 | 54.00 | 26.26 | |
| | 1399.000 | 46.27 | 25.79 | 3.59 | 34.14 | 41.51 | 74.00 | 32.49 | |
| | 2491.000 | 45.67 | 29.17 | 4.99 | 34.20 | 45.63 | 74.00 | 28.37 | PK |
| | 4874.000 | 42.70 | 33.31 | 7.14 | 34.29 | 48.86 | 74.00 | 25.14 | ГK |
| | 7311.000 | 42.65 | 35.56 | 8.91 | 35.20 | 51.92 | 74.00 | 22.08 | |
| | 36.790 | 11.69 | 15.80 | 0.68 | - | 28.17 | 40.00 | 11.83 | |
| | 48.430 | 15.87 | 9.62 | 0.75 | 1 | 26.24 | 40.00 | 13.76 | |
| | 165.800 | 6.19 | 10.33 | 1.30 | ŀ | 17.82 | 43.50 | 25.68 | ΩD |
| | 390.840 | 6.02 | 16.30 | 1.97 | ŀ | 24.29 | 46.00 | 21.71 | QP |
| Vertical | 614.910 | 5.93 | 19.27 | 2.49 | ŀ | 27.69 | 46.00 | 18.31 | |
| Vertical | 927.250 | 0.23 | 21.90 | 3.07 | 1 | 25.20 | 46.00 | 20.80 | |
| | 1728.000 | 45.91 | 26.86 | 4.10 | 34.17 | 42.70 | 74.00 | 31.30 | |
| | 2883.000 | 48.97 | 30.21 | 5.35 | 34.20 | 50.33 | 74.00 | 23.67 | PK |
| | 4874.000 | 42.78 | 33.31 | 7.14 | 34.29 | 48.94 | 74.00 | 25.06 | rĸ |
| | 7311.000 | 41.91 | 35.56 | 8.91 | 35.20 | 51.18 | 74.00 | 22.82 | |

Sipod Inc. FCC ID: X64-C200 Page 25 of 64

EUT : Sipod IP Temperature : 22°C

WALKIE TALKIE

Model No. : C200 Humidity : 60%RH

Serial No. : E2010011809 Date of Test : Feb. 11, 2010

Test Mode : 802.11g Receiving

| Polarization | Frequency (MHz) | Meter Reading dB (µV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Emission Level dB (µV/m) | Limits dB (µV/m) | Margin (dB) | Remark |
|--------------|-----------------|-----------------------------|-----------------------------|-----------------------|--------------------------|--------------------------------|------------------|-------------|--------|
| | 32.910 | -0.35 | 17.95 | 0.64 | | 18.24 | 40.00 | 21.76 | |
| | 133.790 | 0.95 | 12.35 | 1.18 | | 14.48 | 43.50 | 29.02 | |
| | 247.280 | 0.70 | 12.79 | 1.60 | | 15.09 | 46.00 | 30.91 | QP |
| | 426.730 | 1.26 | 16.87 | 2.06 | | 20.19 | 46.00 | 25.81 | Qr |
| Horizontal | 595.510 | 0.77 | 19.17 | 2.45 | | 22.39 | 46.00 | 23.61 | |
| Попідопіаї | 853.530 | 0.70 | 21.24 | 2.95 | 1 | 24.89 | 46.00 | 21.11 | |
| | 1560.000 | 45.63 | 26.35 | 3.86 | 34.16 | 41.68 | 74.00 | 32.32 | |
| | 3422.000 | 44.97 | 31.47 | 5.93 | 34.20 | 48.17 | 74.00 | 25.83 | DIZ |
| | 4874.000 | 40.93 | 33.31 | 7.14 | 34.29 | 47.09 | 74.00 | 26.91 | PK |
| | 7311.000 | 43.43 | 35.56 | 8.91 | 35.20 | 52.70 | 74.00 | 21.30 | |
| | 36.790 | 12.28 | 15.80 | 0.68 | | 28.76 | 40.00 | 11.24 | |
| | 48.430 | 14.11 | 9.62 | 0.75 | | 24.48 | 40.00 | 15.52 | |
| | 76.560 | 8.09 | 7.36 | 0.92 | | 16.37 | 40.00 | 23.63 | OD |
| | 200.720 | 5.17 | 10.74 | 1.43 | | 17.34 | 43.50 | 26.16 | QP |
| Vanti and | 429.640 | 3.49 | 16.92 | 2.08 | | 22.49 | 46.00 | 23.51 | |
| Vertical | 787.570 | 1.29 | 20.58 | 2.86 | | 24.73 | 46.00 | 21.27 | |
| | 1728.000 | 45.91 | 26.86 | 4.10 | 34.17 | 42.70 | 74.00 | 31.30 | |
| | 2883.000 | 48.97 | 30.21 | 5.35 | 34.20 | 50.33 | 74.00 | 23.67 | DIZ |
| | 4874.000 | 42.78 | 33.31 | 7.14 | 34.29 | 48.94 | 74.00 | 25.06 | PK |
| | 7311.000 | 41.91 | 35.56 | 8.91 | 35.20 | 51.18 | 74.00 | 22.82 | |

Sipod Inc. FCC ID: X64-C200 Page 26 of 64



Audix Technology (Shanghai) Co., Ltd. 3F #34Bldg. No.680 GuiPing Rd., CaoHeJing Hi-Tech Park, Shanghai 200233, China Tel:+86-21-64955500 Fax:+86-21-64955491 audixaci@audix.com

Data: 13 File: D:\TEST DATA\S\Sipod.EM6 (64)

Level (dBuV/m) Date: 2010-02-10 Time: 20:21:42

FCC 15 B\(> 1 \)GHZ\(> \)PK

-6dB

0
2350 2430

Site no : Audix ACI (3m Chamber) Data no. : 13

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ)PK Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

Frequency (MHz)

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

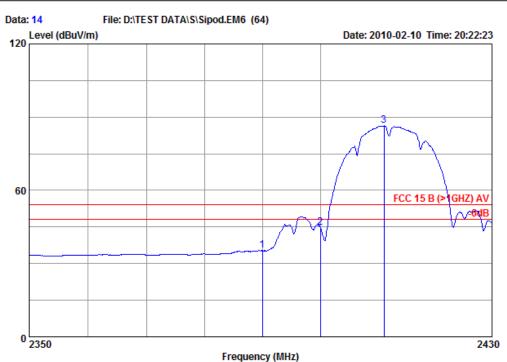
Test Mode : Transmitting 802.11b CH01

| Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|------------|-------------------|------------------|------|---------|-------------------|---------|---------|--------|
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m | i) (dB) | |
| 1 2390.000 | 28.86 | 34.20 | 4.89 | 46.19 | 45.74 | 74.00 | 28.26 | Peak |
| 2 2400.000 | 28.91 | 34.20 | 4.89 | 56.08 | 55.68 | 74.00 | 18.32 | Peak |
| 3 2410.640 | 28.93 | 34.20 | 4.89 | 90.69 | 90.31 | 74.00 | -16.31 | Peak |

Sipod Inc. FCC ID: X64-C200 Page 27 of 64



Audix Technology (Shanghai) Co., Ltd. 3F #34Bldg. No.680 GuiPing Rd., CaoHeJing Hi-Tech Park, Shanghai 200233, China Tel:+86-21-64955500 Fax:+86-21-64955491 audixaci@audix.com



Site no : Audix ACI (3m Chamber) Data no. : 14

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

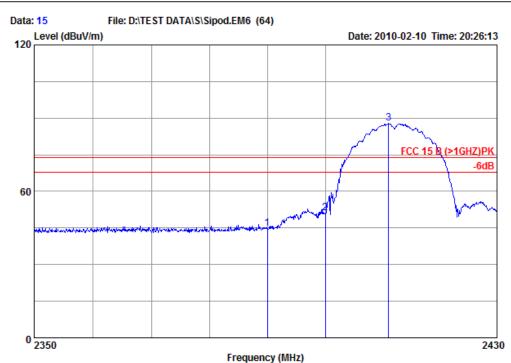
Test Mode : Transmitting 802.11b CH01

| | Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|---|----------|-------------------|------------------|------|---------|-------------------|----------|--------|---------|
| | (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.000 | 28.86 | 34.20 | 4.89 | 35.72 | 35.27 | 54.00 | 18.73 | Average |
| 2 | 2400.000 | 28.91 | 34.20 | 4.89 | 45.33 | 44.93 | 54.00 | 9.07 | Average |
| 3 | 2411.120 | 28.93 | 34.20 | 4.89 | 86.83 | 86.45 | 54.00 | -32.45 | Average |

Sipod Inc. FCC ID: X64-C200 Page 28 of 64



Audix Technology (Shanghai) Co., Ltd. 3F #34Bldg. No.680 GuiPing Rd., CaoHeJing Hi-Tech Park, Shanghai 200233, China Tel:+86-21-64955500 Fax:+86-21-64955491 audixaci@audix.com



Site no : Audix ACI (3m Chamber) Data no. : 15

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) PK Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

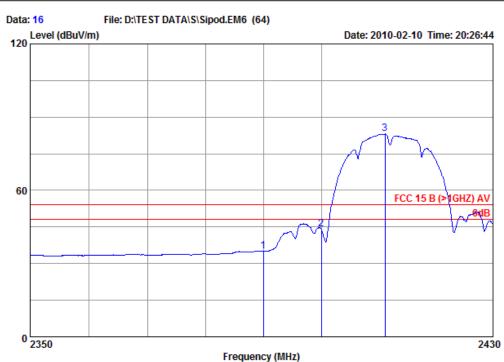
Test Mode : Transmitting 802.11b CH01

| Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|------------|-------------------|------------------|------|---------|-------------------|---------|---------|--------|
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m | i) (dB) | |
| 1 2390.000 | 28.86 | 34.20 | 4.89 | 45.12 | 44.67 | 74.00 | 29.33 | Peak |
| 2 2400.000 | 28.91 | 34.20 | 4.89 | 51.56 | 51.16 | 74.00 | 22.84 | Peak |
| 3 2411.040 | 28.93 | 34.20 | 4.89 | 88.14 | 87.76 | 74.00 | -13.76 | Peak |

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Site no : Audix ACI (3m Chamber) Data no. : 16

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

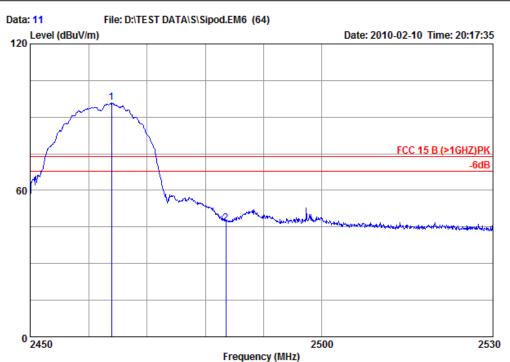
Test Mode : Transmitting 802.11b CH01

| | Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|---|----------|-------------------|------------------|------|---------|-------------------|----------|--------|---------|
| | (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.000 | 28.86 | 34.20 | 4.89 | 35.57 | 35.12 | 54.00 | 18.88 | Average |
| 2 | 2400.000 | 28.91 | 34.20 | 4.89 | 44.39 | 43.99 | 54.00 | 10.01 | Average |
| 3 | 2411.120 | 28.93 | 34.20 | 4.89 | 83.59 | 83.21 | 54.00 | -29.21 | Average |

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Site no : Audix ACI (3m Chamber) Data no. : 11

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ)PK Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

Test Mode : Transmitting 802.11b CH11

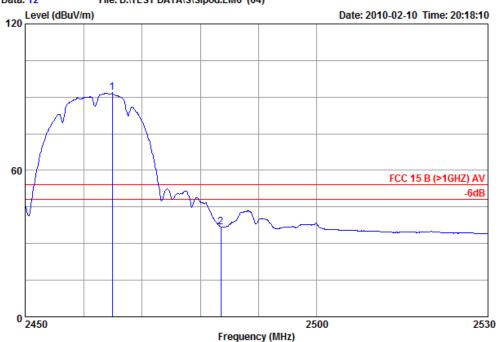
| Freq. | | Preamp Factor (dB) | Loss | _ | Emission Level (dBuV/m) | - | Remark |
|------------|-------|--------------------------|------|-------|-------------------------------|------------|--------|
| 1 2463.920 | 29.09 | 34.20 | 4.96 | 95.92 | 95.77 | -21.77 | Peak |
| 2 2483.500 | 29.15 | 34.20 | 4.96 | 46.66 | 46.57 | 27.43 | Peak |

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Site no : Audix ACI (3m Chamber) Data no. : 12

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

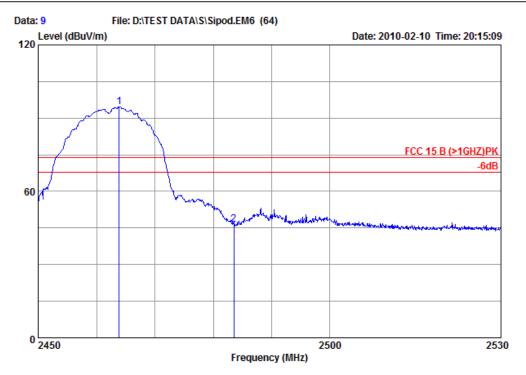
Test Mode : Transmitting 802.11b CH11

| | Freq. | Antenna Factor (dB/m) | Preamp Factor (dB) | | _ | Emission Level (dBuV/m) | Limits (dBuV/m | _ | Remark |
|---|----------------------|-----------------------------|--------------------------|--------------|----------------|-------------------------------|----------------|-----------------|--------------------|
| _ | 2464.880 2483.500 | | 34.20 34.20 | 4.96 4.96 | 92.02 36.99 | 91.87 36.90 | | -37.87 17.10 | Average Average |

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Site no : Audix ACI (3m Chamber) Data no. : 9

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) PK Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

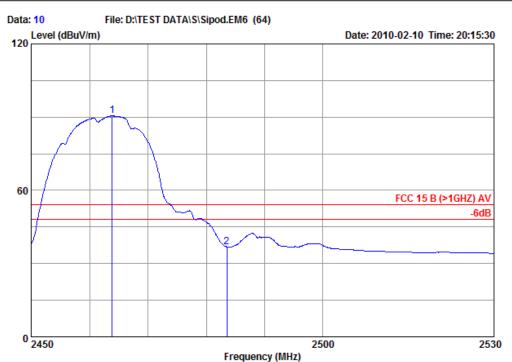
Test Mode : Transmitting 802.11b CH11

| | • | | Factor | Loss | _ | Emission Level (dBuV/m) | _ | Remark | |
|---|----------------------|----------------|----------------|--------------|----------------|-------------------------------|---------------------|--------------|--|
| _ | 2463.840 2483.500 | 29.09 29.15 | 34.20 34.20 | 4.96 4.96 | 94.76 46.45 | 94.61 46.36 | -20.61 27.64 | Peak Peak | |

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Site no : Audix ACI (3m Chamber) Data no. : 10

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

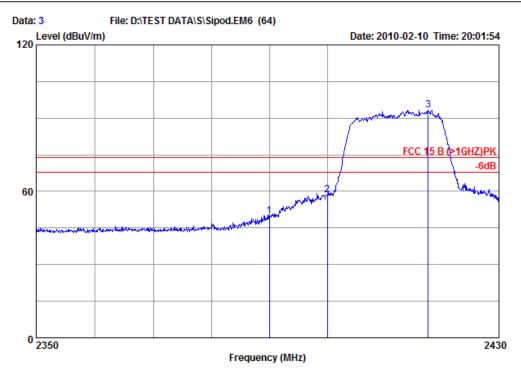
Test Mode : Transmitting 802.11b CH11

| | Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|---|----------------------|-------------------|------------------|------|----------------|-------------------|---------|--------|--------------------|
| | (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m |) (dB) | |
| _ | 2463.840 2483.500 | 29.09 29.15 | | | 90.61 36.93 | 90.46 36.84 | | | Average Average |

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Site no : Audix ACI (3m Chamber) Data no. : 3

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) PK Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

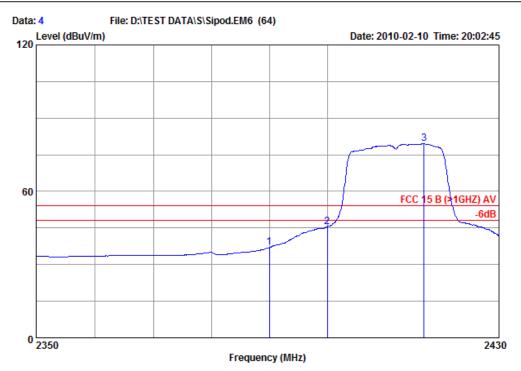
Test Mode : Transmitting 802.11g CH01

| Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|------------|-------------------|------------------|------|---------|-------------------|---------|--------|--------|
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m |) (dB) | |
| 1 2390.000 | 28.86 | 34.20 | 4.89 | 50.35 | 49.90 | 74.00 | 24.10 | Peak |
| 2 2400.000 | 28.91 | 34.20 | 4.89 | 58.81 | 58.41 | 74.00 | 15.59 | Peak |
| 3 2417.600 | 28.95 | 34.20 | 4.92 | 93.73 | 93.40 | 74.00 | -19.40 | Peak |

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Site no : Audix ACI (3m Chamber) Data no. : 4

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

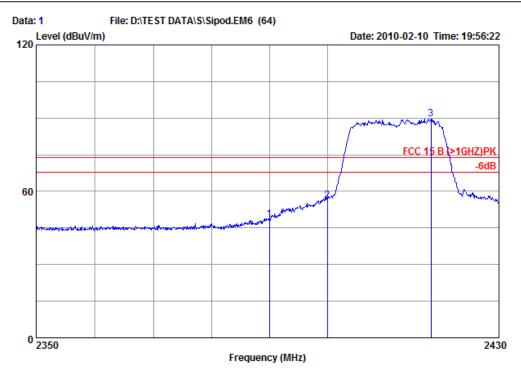
Test Mode : Transmitting 802.11g CH01

| Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|------------|-------------------|------------------|------|---------|-------------------|---------|--------|---------|
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m | (dB) | |
| 1 2390.000 | 28.86 | 34.20 | 4.89 | 37.43 | 36.98 | 54.00 | 17.02 | Average |
| 2 2400.000 | 28.91 | 34.20 | 4.89 | 45.98 | 45.58 | 54.00 | 8.42 | Average |
| 3 2416.880 | 28.95 | 34.20 | 4.92 | 79.84 | 79.51 | 54.00 | -25.51 | Average |

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Site no : Audix ACI (3m Chamber) Data no. : 1

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) PK Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

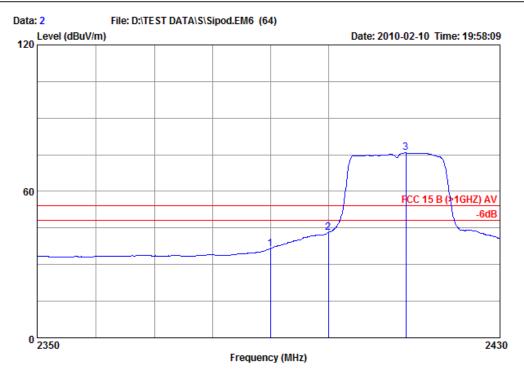
Test Mode : Transmitting 802.11g CH01

| Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|------------|-------------------|------------------|------|---------|-------------------|---------|--------|--------|
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m |) (dB) | |
| 1 2390.000 | 28.86 | 34.20 | 4.89 | 48.75 | 48.30 | 74.00 | 25.70 | Peak |
| 2 2400.000 | 28.91 | 34.20 | 4.89 | 56.59 | 56.19 | 74.00 | 17.81 | Peak |
| 3 2418.080 | 28.95 | 34.20 | 4.92 | 89.87 | 89.54 | 74.00 | -15.54 | Peak |

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Site no : Audix ACI (3m Chamber) Data no. : 2

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

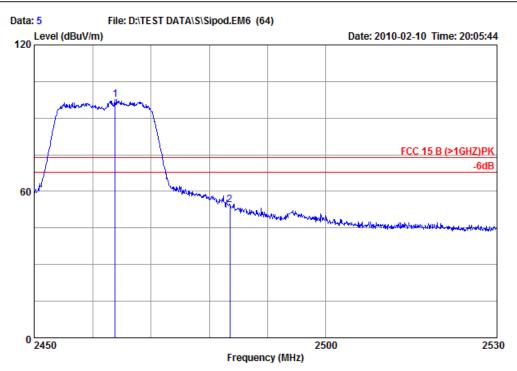
Test Mode : Transmitting 802.11g CH01

| | Freq. | Antenna Factor | Preamp Factor | | Reading | Emission Level | Limits | Margin | Remark |
|---|----------|-------------------|------------------|------|---------|-------------------|----------|--------|---------|
| | (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.000 | 28.86 | 34.20 | 4.89 | 37.01 | 36.56 | 54.00 | 17.44 | Average |
| 2 | 2400.000 | 28.91 | 34.20 | 4.89 | 43.52 | 43.12 | 54.00 | 10.88 | Average |
| 3 | 2413.520 | 28.95 | 34.20 | 4.92 | 76.09 | 75.76 | 54.00 | -21.76 | Average |

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Site no : Audix ACI (3m Chamber) Data no. : 5

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ)PK Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

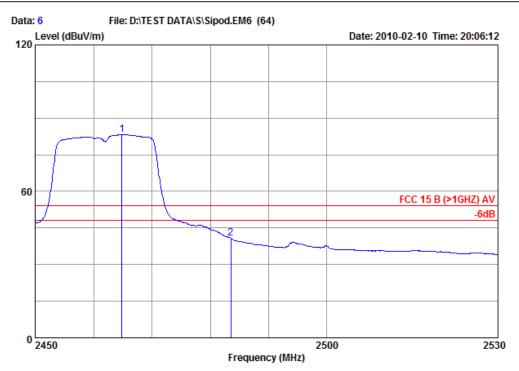
Test Mode : Transmitting 802.11g CH11

| - | Factor | Loss | _ | Emission Level (dBuV/m) | | _ | Remark |
|--------------------------|-----------|------|----------------|-------------------------------|-------|-----------------|--------|
| 1 2463.840 2 2483.500 | 34.20 | 4.96 | 97.67 54.61 | 97.52 54.52 | 74.00 | -23.52 19.48 | |

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Site no : Audix ACI (3m Chamber) Data no. : 6

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : HORIZONTAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

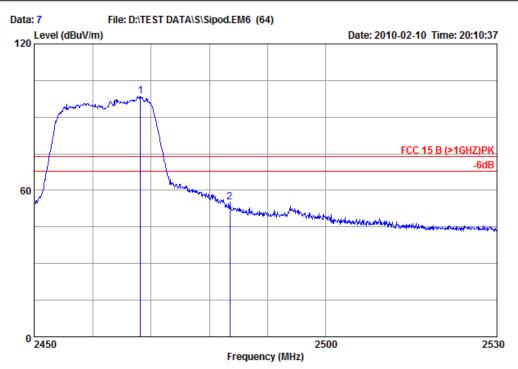
Test Mode : Transmitting 802.11g CH11

| - | Antenna Factor (dB/m) | Preamp Factor (dB) | | _ | Emission Level (dBuV/m) | - | Remark |
|------------------------|-----------------------------|--------------------------|--------------|----------------|-------------------------------|-----------------|--------------------|
| 464.800 483.500 | 29.09 29.15 | | 4.96 4.96 | 83.47 40.97 | 83.32 40.88 | -29.32 13.12 | Average Average |

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Site no : Audix ACI (3m Chamber) Data no. : 7

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) PK Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

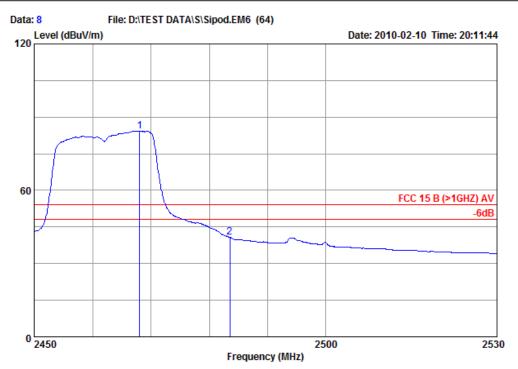
Test Mode : Transmitting 802.11g CH11

| Free | Antenna Factor z) (dB/m) | Factor | Loss | - | Emission Level (dBuV/m) | - | Remark |
|--------------------------|--------------------------------|----------------|--------------|----------------|-------------------------------|---------------------|--------|
| 1 2468.160 2 2483.500 | | 34.20 34.20 | 4.96 4.96 | 98.69 55.33 | 98.56 55.24 | -24.56 18.76 | |

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Site no : Audix ACI (3m Chamber) Data no. : 8

Dis. / Ant. : 3m /EMCO3115

Limit : FCC 15 B (>1GHZ) AV Ant. pol. : VERTICAL Env. / Ins. : 22'C 60%RH / E7405A Engineer : Raven

EUT : Sipod IP WALKIE TALKIE

M/N : C200 S/N : E2010011809 Power Rating: 120V/60Hz

Test Mode : Transmitting 802.11g CH11

| Freq. | Antenna Factor (dB/m) | Preamp Factor (dB) | | _ | Emission Level (dBuV/m) | _ | Remark |
|----------------------|-----------------------------|--------------------------|--------------|----------------|-------------------------------|---------------------|--------------------|
| 2468.000 2483.500 | | 34.20 34.20 | 4.96 4.96 | 84.39 40.96 | 84.26 40.87 | -30.26 13.13 | Average Average |

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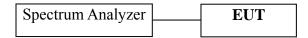
5 6 dB BANDWIDTH MEASUREMENT

5.1 Test Equipment

The following test equipment was used during the Emission Bandwidth measurement:

| I | tem | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|---|-----|-------------------|--------------|-----------|------------|--------------|--------------|
| | 1. | Spectrum Analyzer | Agilent | E7405A | MY45106600 | May 19, 2009 | May 19, 2010 |

5.2 Block Diagram of Test Setup



5.3 Specification Limits (§15.247(a)(2))

The minimum 6 dB bandwidth shall be at least 500 kHz.

5.4 Operating Condition of EUT

The test program "Unitest" was used to enable the EUT to transmit data at different channel frequency individually.

5.5 Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100 kHz RBW and 100 kHz VBW. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB. The test procedure is defined in KDB558074.

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5.6 Test Results

PASSED.

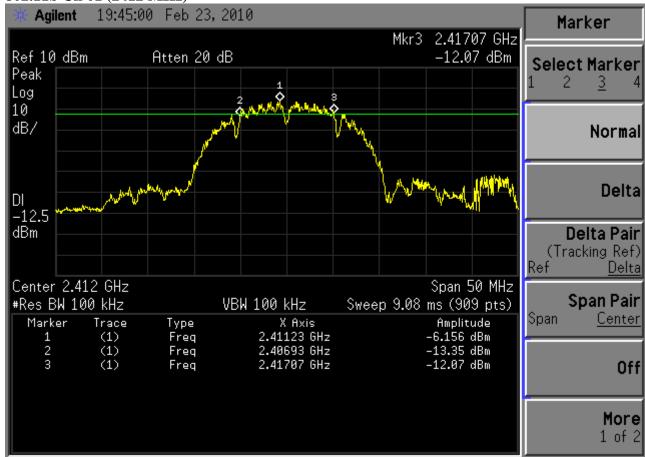
All the test results are attached in next pages.

(Test Date : Feb 23, 2010 Temperature : 21°C Humidity : 46 %)

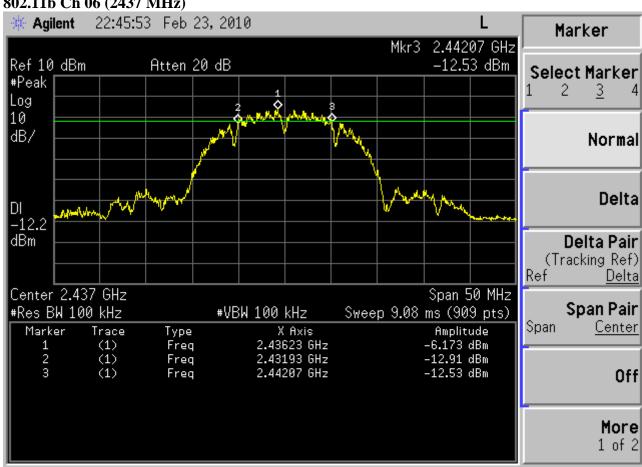
| Modulation | Channel | Frequency | 6dB Bandwidth |
|------------|---------|-----------|---------------|
| | 01 | 2412 MHz | 10.14 MHz |
| 802.11b | 06 | 2437 MHz | 10.14 MHz |
| | 11 | 2462 MHz | 10.14 MHz |
| | 01 | 2412 MHz | 16.46 MHz |
| 802.11g | 06 | 2437 MHz | 16.46 MHz |
| | 11 | 2462 MHz | 16.40 MHz |

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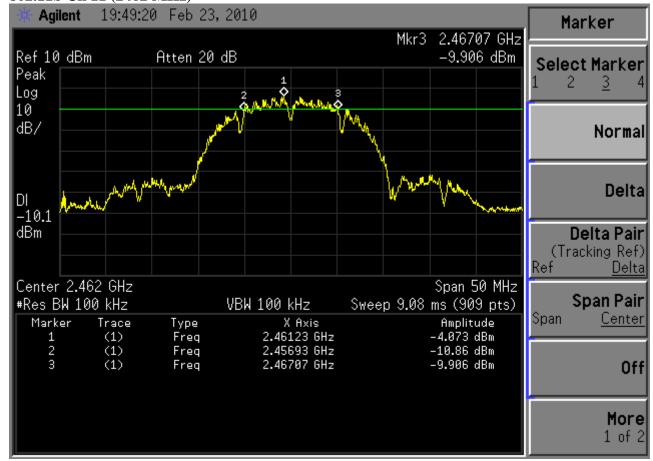
802.11b Ch 01 (2412 MHz)



802.11b Ch 06 (2437 MHz)

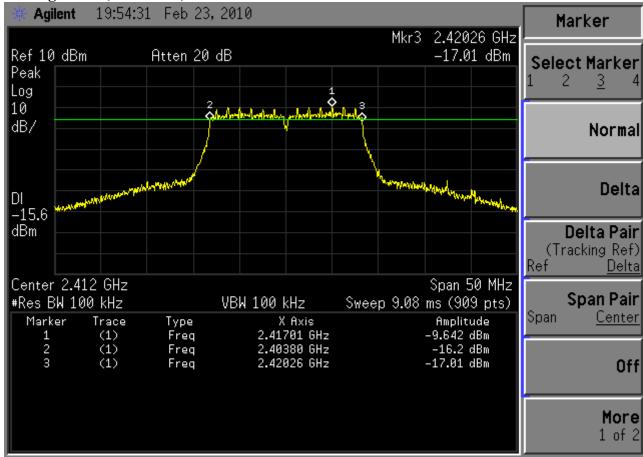


802.11b Ch 11 (2462 MHz)

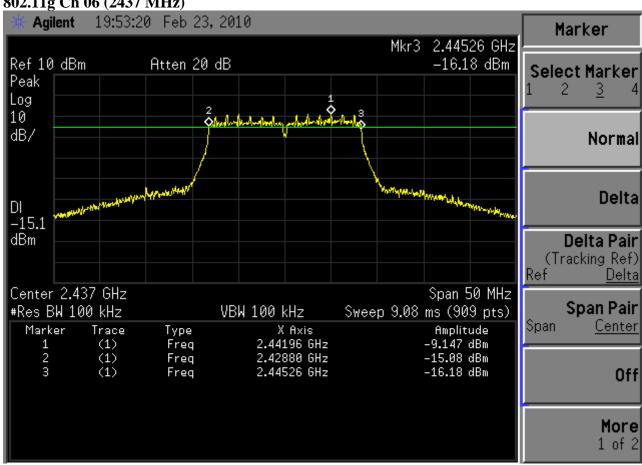


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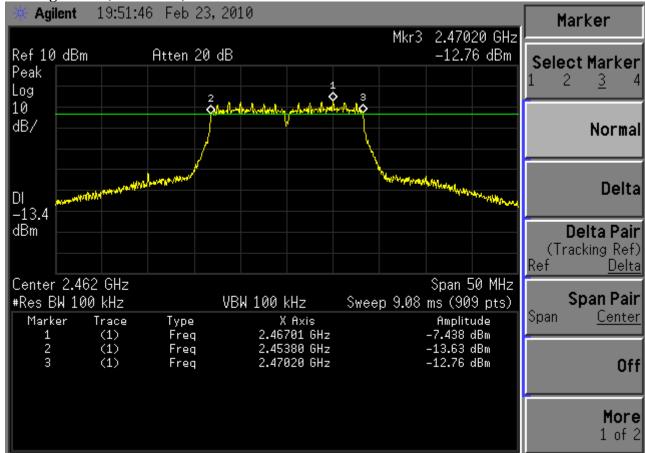
802.11g Ch 01 (2412 MHz)



802.11g Ch 06 (2437 MHz)



802.11g Ch 11 (2462 MHz)



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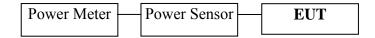
6 MAXIMUM PEAK OUTPUT POWER MEASUREMENT

6.1 Test Equipment

The following test equipment was used during the maximum peak output power measurement:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|--------------|--------------|-----------|------------|--------------|--------------|
| 1. | Power Meter | Anritsu | ML2487A | 6K00003245 | Aug 05, 2009 | Aug 05, 2010 |
| 2. | Power Sensor | Anritsu | MA2491A | 32489 | Aug 05, 2009 | Aug 05, 2010 |

6.2 Block Diagram of Test Setup



6.3 Specification Limits ((§15.247(b)(3))

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5 MHz is: 1 Watt. (30 dBm)

6.4 Operating Condition of EUT

The test program "Unitest" was used to enable the EUT to transmit data at different channel frequency individually.

6.5 Test Procedure

This is an RF conducted test. Use a direct connection between the antenna port of the transmitter and the power meter, through suitable attenuation. We use Power Output Option 1 (which defined in KDB558074) to measure the power output. Power Output Option 1 is a peak measurement. The transmitter output was connected to the power meter that was designed to detect peak value automatically.

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6.6 Test Results

PASSED. All the test results are listed below.

(Test date: Feb 23, 2010 Temperature : 22 °C Humidity : 53 %)

| Modulation | Channel | Frequency | Peak Output Power | Average Output Power | Limit |
|------------|---------|-----------|----------------------|-------------------------|--------|
| | 01 | 2412 MHz | 6.98 dBm | 3.80 dBm | 30 dBm |
| 802.11b | 06 | 2437 MHz | 7.41 dBm | 4.57 dBm | 30 dBm |
| | 11 | 2462 MHz | 8.75 dBm | 6.10 dBm | 30 dBm |
| | 01 | 2412 MHz | 10.95 dBm | 2.61 dBm | 30 dBm |
| 802.11g | 06 | 2437 MHz | 11.51 dBm | 3.67 dBm | 30 dBm |
| | 11 | 2462 MHz | 13.17 dBm | 4.89 dBm | 30 dBm |

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7 EMISSION LIMITATIONS MEASUREMENT

7.1 Test Equipment

The following test equipment was used during the emission limitations test:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|-------------------|--------------|-----------|------------|--------------|--------------|
| 1. | Spectrum Analyzer | Agilent | E7405A | MY45106600 | May 19, 2009 | May 19, 2010 |

7.2 Block Diagram of Test Setup

The same as Section. 5.2.

7.3 Specification Limits (§15.247(d))

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. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).(**This test result attaching to Section. 4.7)

7.4 Operating Condition of EUT

The test program "Unitest" was used to enable the EUT to transmit data at different channel frequency individually.

7.5 Test Procedure

The transmitter output was connected to the spectrum analyzer. Set RBW = 100 kHz, VBW = 100 kHz, scan up through 10th harmonic. All harmonics/spurs must be at least 20 dB down from the highest emission level within the authorized band as measured with a 100 kHz RBW.

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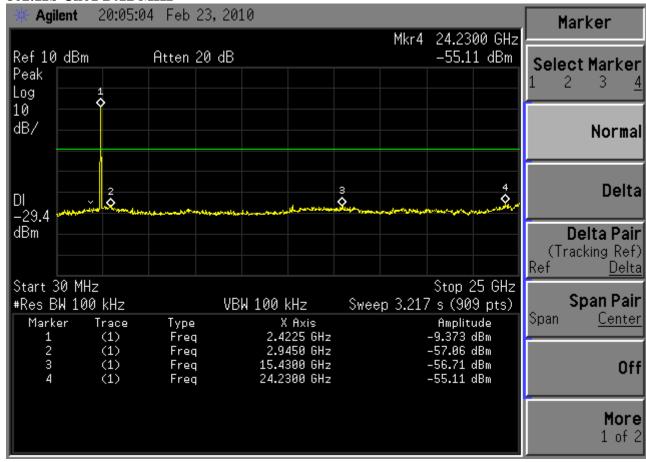
7.6 Test Results

PASSED.

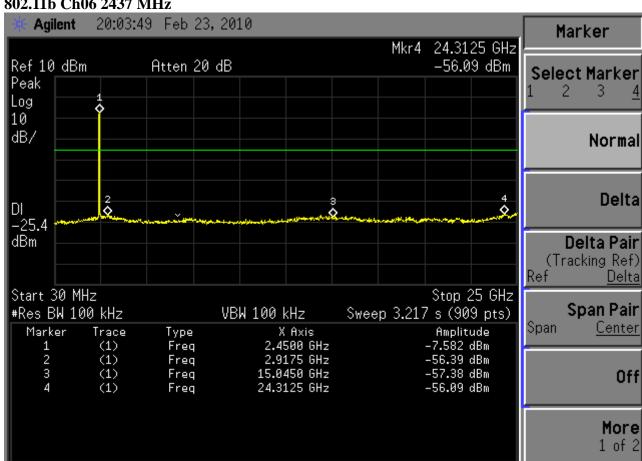
The test data was attached in the next pages.

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802.11b Ch01 2412 MHz

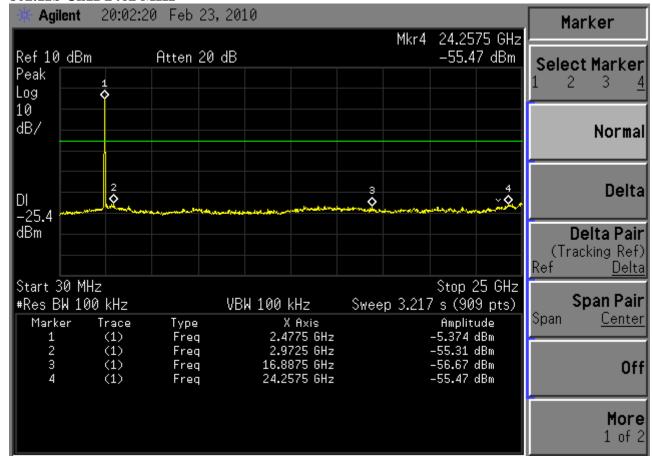


802.11b Ch06 2437 MHz



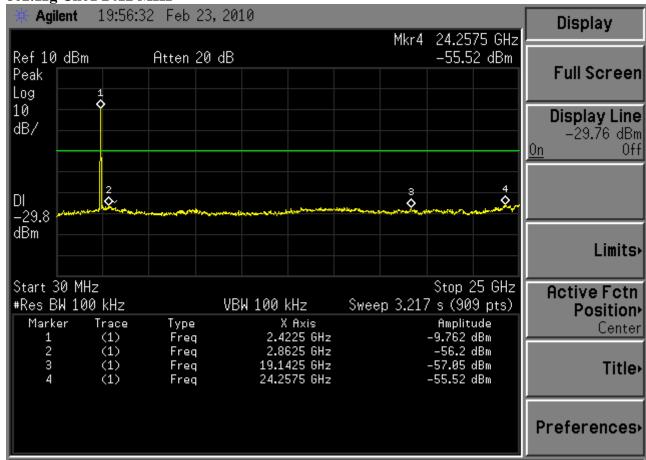
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802.11b Ch11 2462 MHz

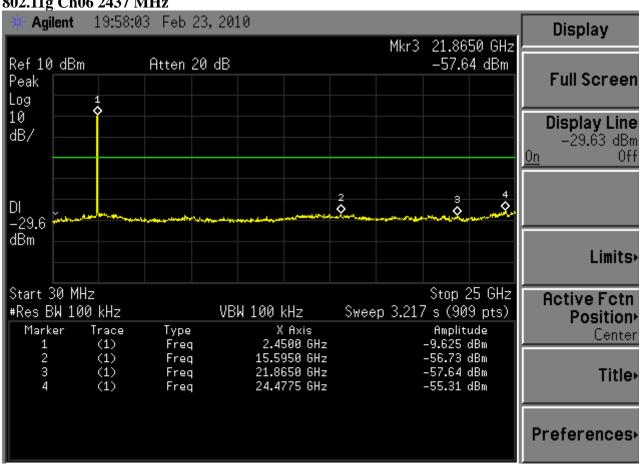


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802.11g Ch01 2412 MHz

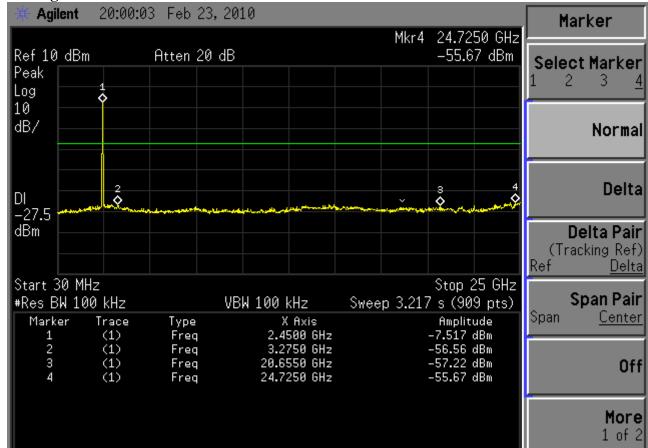


802.11g Ch06 2437 MHz



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802.11g Ch11 2462 MHz



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8 BAND EDGES MEASUREMENT

8.1 Test Equipment

The following test equipment was used during the band edges measurement:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|-------------------|--------------|-----------|------------|--------------|--------------|
| 1. | Spectrum Analyzer | Agilent | E7405A | MY45106600 | May 19, 2009 | May 19, 2010 |

8.2 Block Diagram of Test Setup

The same as section.5.2.

8.3 Specification Limits (§15.247(d))

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.

8.4 Operating Condition of EUT

The test program "Telnet" was used to enable the EUT to transmit and receive data at different channel frequency individually.

8.5 Test Procedure

The transmitter output was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100kHz bandwidth from band edge.

8.6 Test Results

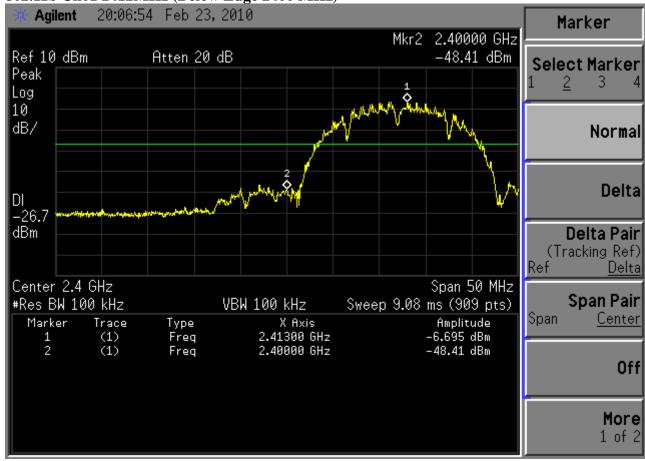
PASSED. All the test results are attached in next pages.

(Test date: Feb. 23, 2010 Temperature : 21°C Humidity : 46 %)

| Modulation | Location | Channel | Frequency | Delta Marker | Result |
|------------|----------|---------|------------|--------------|----------------------|
| | Below | | | | |
| | Band | 01 | 2400 MHz | 41.715 dB | |
| 902 11b | Edge | | | | |
| 802.11b | Upper | | | | |
| | Band | 11 | 2483.5 MHz | 56.858 dB | More than 20 dB |
| | Edge | | | | below the highest |
| | Below | | | | level of the desired |
| | Band | 01 | 2400 MHz | 41.193 dB | power |
| 802.11g | Edge | | | | |
| | Upper | | | | |
| | Band | 11 | 2483.5 MHz | 49.663 dB | |
| | Edge | | | | |

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802.11b Ch01 2412MHz (Below Edge 2400 MHz)

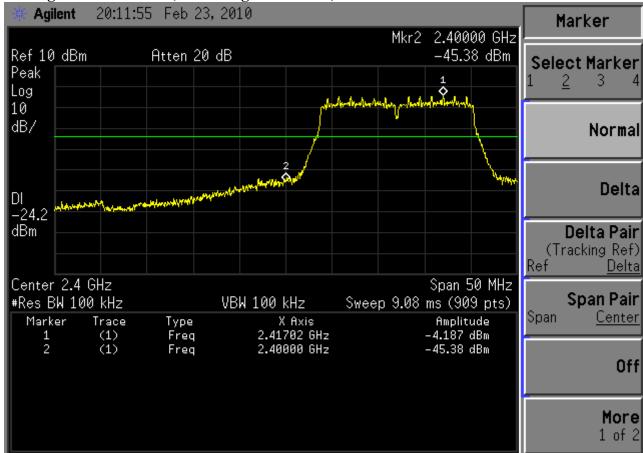


802.11b Ch11 2462MHz (Upper Edge 2483.5 MHz)

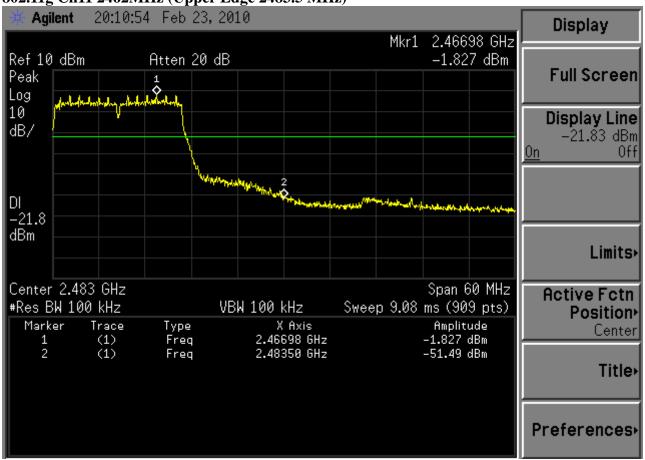


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802.11g Ch01 2412MHz (Below Edge 2400 MHz)



802.11g Ch11 2462MHz (Upper Edge 2483.5 MHz)



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9 POWER SPECTRAL DENSITY MEASUREMENT

9.1 Test Equipment

The following test equipment was used during the power spectral density measurement:

| Item | Type | Manufacturer | Model No. | Serial No. | Last Cal. | Next Cal. |
|------|-------------------|--------------|-----------|------------|--------------|--------------|
| 1. | Spectrum Analyzer | Agilent | E7405A | MY45106600 | May 19, 2009 | May 19, 2010 |

9.2 Block Diagram of Test Setup

The same as section.5.2.

9.3 Specification Limits (§15.247(e))

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band.

9.4 Operating Condition of EUT

The test program "Unitest" was used to enable the EUT to transmit data at different channel frequency individually.

9.5 Test Procedure

The same method of determining the conducted output power shall be used to determine the power spectral density. If a peak output is measured, then a peak power spectral density measurement is required. Use PSD Option 1 (which defined in KDB558074) if Power output Option 1 was used.

PSD Option 1:

Locate and zoom in on emission peak(s) within the passband. Set RBW = 3kHz, VBW > RBW, sweep = (SPAN/3kHz). The peak level measured must be no greater than +8 dBm.

The transmitter output was connected to the spectrum analyzer. The fundamental frequency was measured with the spectrum analyzer using 3 kHz RBW and 30 kHz VBW, set sweep time = span/3 kHz.

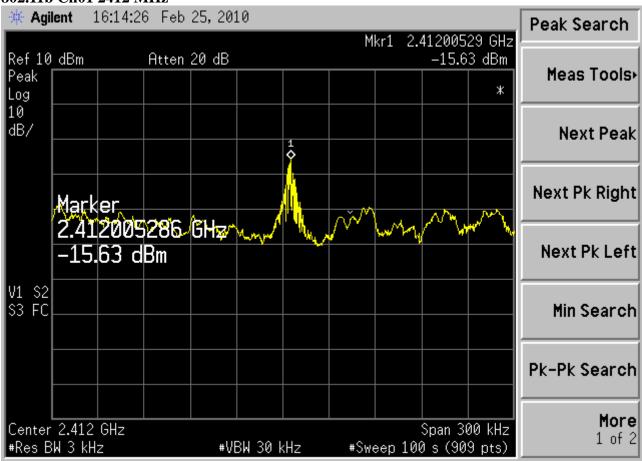
9.6 Test Results

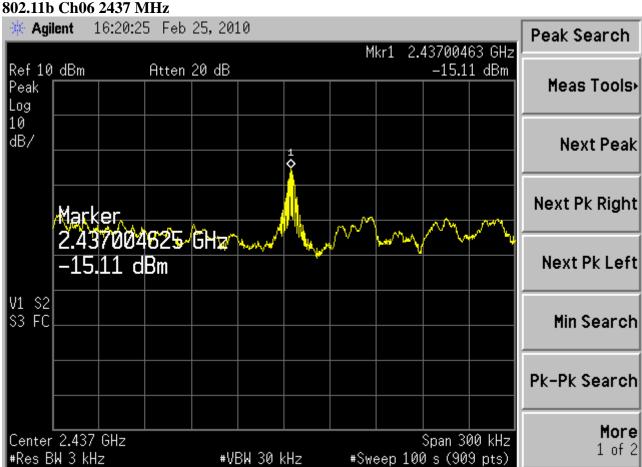
PASSED. All the test results are attached in next pages.

(Test date: Feb. 25, 2010 Temperature : 21°C Humidity : 55 %)

| Modulation | Channel | Frequency | Power Spectral Density | Limit |
|------------|---------|-----------|------------------------|-------|
| | 01 | 2412 MHz | -15.63 dBm | 8dBm |
| 802.11b | 06 | 2437MHz | -15.11 dBm | 8dBm |
| | 11 | 2462MHz | -13.64 dBm | 8dBm |
| | 01 | 2412 MHz | -26.43 dBm | 8dBm |
| 802.11g | 06 | 2437MHz | -27.17 dBm | 8dBm |
| | 11 | 2462MHz | -24.62 dBm | 8dBm |

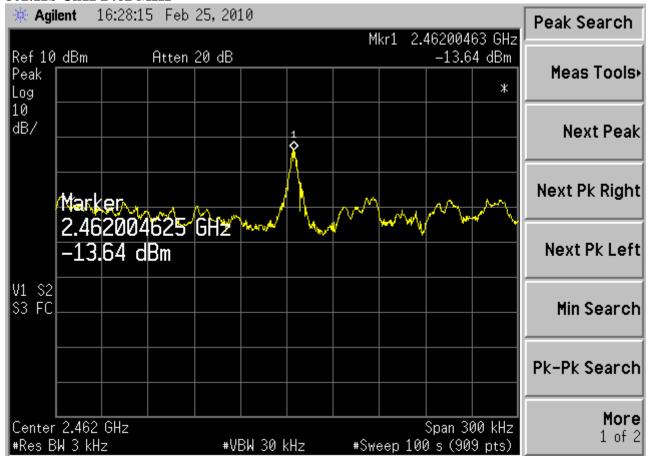
802.11b Ch01 2412 MHz





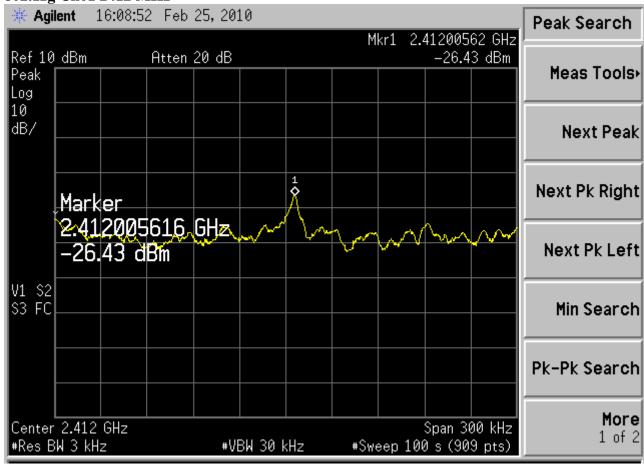
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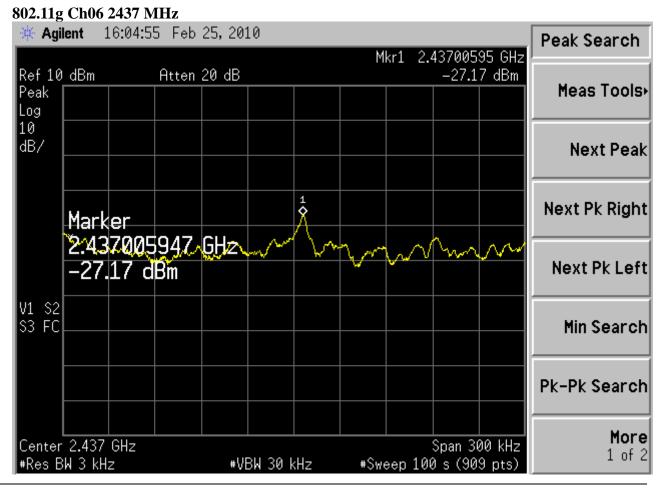
802.11b Ch11 2462 MHz



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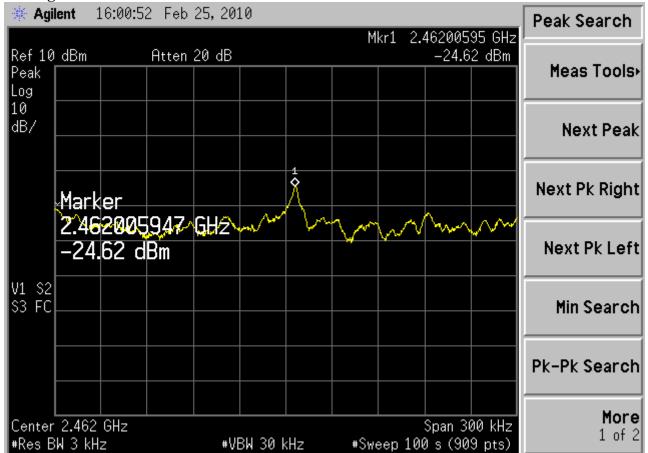
802.11g Ch01 2412 MHz





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802.11g Ch11 2462 MHz



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10 DEVIATION TO TEST SPECIFICATIONS

None.

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