

| Nemko Test Report: | 2014 01250340 FCC3 |
|---------------------------------|--|
| Applicant: | Crisi Medical Systems 9191 Towne Centre Drive, Suite 330 San Diego, CA 92122 |
| Equipment Under Test: Model: | Anesthesia System 2 |
| FCC ID: FCC ID: IC: | 2ABS9RADIO2 11742A-Radio2 |
| In Accordance With: Tested By: | FCC Part 15, Subpart C, 15.249 Industry Canada RSS-210 Issue 8 Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz. Nemko USA Inc. 2210 Faraday Ave, Suite 150 Carlsbad, CA 92008-7226 |
| Mark Phillips | Mark Polly DATE: January 30, 2014 , EMC Test Engineer |
| APPROVED BY: | Senior RF/EMC Engineer DATE: March 4, 2014 |
| | Total Number of Pages: 12 |

CFR 47, PART 15, SUBPART C, Paragraph 15.249

FCC ID: 2ABS9RADIO2 IC: 11742A-RADIO2

Q10252688-R2/250340

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Section 1. Summary Of Test Results

Manufacturer: Crisi Medical Systems

Model No.: 2

Serial No.: none

General: All measurements are traceable to national standards.

These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with FCC Part 15.249. All tests were conducted using measurement procedure ANSI C63.4-2003. Radiated Emissions were made in a Semi-Anechoic Chamber.

| \boxtimes | New Submission | Production Unit |
|-------------|----------------|-----------------|
| | | |

Class II Permissive Change Pre-Production Unit

THIS TEST REPORT RELATES ONLY TO THE ITEM(S) TESTED.

THE FOLLOWING DEVIATIONS FROM, ADDITIONS TO, OR EXCLUSIONS FROM THE TEST SPECIFICATIONS HAVE BEEN MADE.

See "Summary of Test Data".



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Summary Of Test Data

| NAME OF TEST | PARA. NO. | RESULT |
|-----------------------------|----------------------------|----------|
| Conducted Emissions | 15.207 | Complies |
| Radiated Emissions | 15.249 | Complies |
| Receiver Spurious Emissions | RSS-Gen 4.10 & RSS-Gen 6.1 | Complies |

Footnotes For N/A's:

15.207 (c) Measurements to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. Devices that include, or make provisions for, the use of battery chargers which permit operating while charging, AC adapters or battery eliminators or that connect to the AC power lines indirectly, obtaining their power through another device which is connected to the AC power lines, shall be tested to demonstrate compliance with the conducted limits.

Section 2. General Equipment Specification

| MHz | 2402 to 2480 | |
|--------|------------------|--|
| MHz | 2402, 2440, 2480 | |
| dBμV/m | 86.3 | |
| | 79 | |
| | N/A | |
| | No | |
| | Yes | No |
| | MHz | MHz 2402, 2440, 2480 dBμV/m 86.3 79 N/A No |

Description of EUT

The Intelliport Radio Model 2 is a USB dongle that is part of the Intelliport Anesthesia Management System. It communicates with an Intelliport device which is capable of identifying the drug type and concentration of medication in a syringe attached to its fluid inlet port and measuring the exact dosage of drug delivered through the injection port; time stamping the event; and, sending the corresponding data wirelessly to external devices and healthcare information systems. Model 1 differs from Model 2 as Model 1 has extra ESD protection.

The Intelliport Radio 2 is powered by USB 5.0VDC from the host data collection device. The EUT (in test mode) was set to continuously transmit a modulated carrier.

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Section 3. Powerline Conducted Emissions

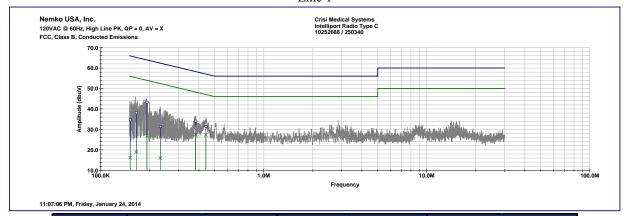
NAME OF TEST: Conducted Emissions PARA. NO.: 15.207

TESTED BY: Mark Phillips DATE: 01/24/2014

Peak RBW: 100kHz VBW: 100kHz Quasi-Peak: RBW 9kHz, VBW 30 kHz Average: RBW 9kHz, VBW 30 kHz

Quasi-Peak Limit Blue Line, Average Limit Green Line

Line 1

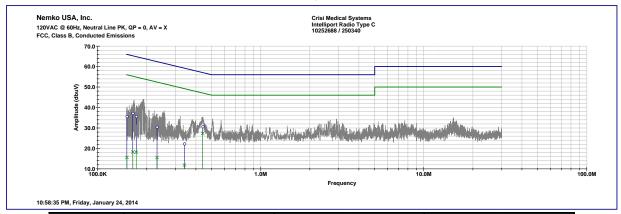


| Frequency | nency Measured Limit | | | Margin | | |
|-----------|----------------------|------|------------|---------|------------|---------|
| (kHz) | Quasi-Peak Average | | Quasi-Peak | Average | Quasi-Peak | Average |
| 151.6 | 34.8 | 16.2 | 65.9 | 55.9 | -31.1 | -39.7 |
| 165.2 | 38.2 | 18.9 | 65.2 | 55.2 | -27.0 | -36.3 |
| 191.9 | 43.3 | 26.9 | 64.0 | 54.0 | -20.7 | -27.1 |
| 231.8 | 31.5 | 15.9 | 62.4 | 52.4 | -30.9 | -36.5 |
| 381.9 | 34.1 | 27.4 | 58.2 | 48.2 | -24.1 | -20.8 |
| 441.3 | 31.5 | 27.2 | 57.0 | 47.0 | -25.5 | -19.8 |

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Line 2



| Frequency | Meas | sured | Lir | nit | Margin | | |
|-----------|--------------------|-------|------------|---------|------------|---------|--|
| (kHz) | Quasi-Peak Average | | Quasi-Peak | Average | Quasi-Peak | Average | |
| 151.0 | 35.6 | 15.6 | 65.9 | 55.9 | -30.3 | -40.3 | |
| 164.1 | 37.2 | 18.2 | 65.3 | 55.3 | -28.1 | -37.1 | |
| 172.3 | 35.6 | 18.2 | 64.8 | 54.8 | -29.2 | -36.6 | |
| 230.9 | 30.4 | 15.6 | 62.4 | 52.4 | -32.0 | -36.8 | |
| 340.3 | 22.3 | 11.9 | 59.2 | 49.2 | -36.9 | -37.3 | |
| 440.5 | 30.6 | 27.3 | 57.1 | 47.1 | -26.5 | -19.8 | |

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Section 4. Radiated Emissions

NAME OF TEST: Radiated Emissions PARA. NO.: 15.249

TESTED BY: Mark Phillips DATE: 01/21/2014

Minimum Standard: Para no. 15.249

(a) The field strengths shall not exceed the following average limits:

| Carrier (MHz) | Field Strength (mV/m) | Field Strength (dBμV) | Harmonic (µV/m) | Harmonic (dBμV) |
|------------------|-----------------------|--------------------------|--------------------|--------------------|
| 902-928 | 50 | 94 | 500 | 54 |
| 2400-2483.5 | 50 | 94 | 500 | 54 |
| 5725-5875 | 50 | 94 | 500 | 54 |
| 24000-24250 | 250 | 108 | 2500 | 68 |

- (b) Field strength limits are specified at a distance of 3 metres.
- (c) Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated limits of 15.209 whichever is the less attenuation.
- (d) ...for frequencies above 1000 MHz, the above field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

Test Results: Complies

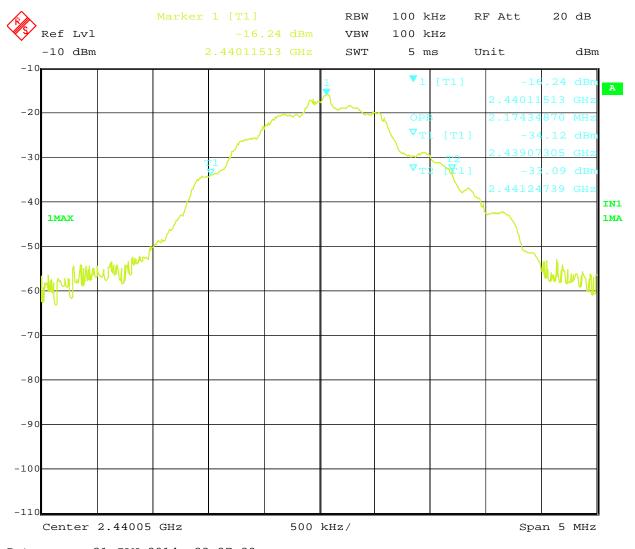
Measurement Data: See attached table.

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Test Data - 99% Bandwidth

2.17 MHz
A2.9 Bands 2400-2483.5 MHz Devices Operating in Frequency Bands for Any Application

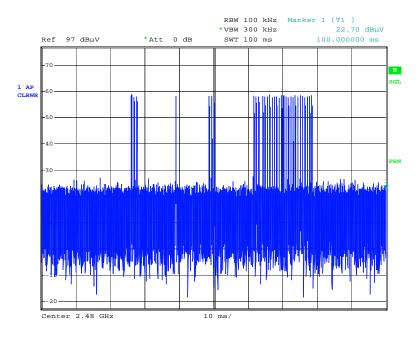


Date: 21.JAN.2014 23:37:33

FCC ID: 2ABS9RADIO2 IC: 11742A-RADIO2

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Test Data - Duty Cycle



31 events in 100ms



 $31 \times 0.678 \text{ us} = 21.02 \text{ ms in } 100 \text{ ms}$ $20 \times \log .2102 = -13.5 \text{ dB}$

FCC ID: 2ABS9RADIO2 IC: 11742A-RADIO2

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Test Data - Radiated Emissions

No other spurious emissions found within 20dB of the limit.

| Job #: | no otner sp | No other spurious emissions found within 200B of the limit. | | | | | | | | | | |
|---|---------------|---|------------|-----------|----------|------------|----------|----------|----------|--------|---------------------------------------|-----------------------------|
| Distance | | | | | Pad | istad F | miceion | e Data | | | | |
| New Note | | | | | ivau | ialeu E | | is Dala | | | | |
| New Note | .loh # · | | 10252688 | -R2 | | Date · | 3/3/2014 | | Page | 1 | of | 1 |
| Staff MP Staff MP Crisi Medical Systems | | | | 112 | | | | - | i age | | - 01 | |
| Client Name Crisi Medical Systems USB Dongle Client Name USB Dongle Client Name USB Dongle Client Name Client | NEX#. | | 2000-10 | | | | | • | | | | |
| EUT Name : USB Dongle 2 | Client Name : | | Crisi Madi | cal Sve | tome | Otali . | IVII | | FUT Vol | tane . | | 5VDC |
| EUT Model # : EUT Coring : Specification : CFR47 Part 15, Subpart C | | | | | terris | | | • | | • | | |
| EUT Config. : Transmitting | | | | JIC . | | | | | | quency | • | |
| Transmitting | | | <i></i> | | | | | | | - 1000 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| Specification CFR47 Part 15, Subpart C 15,249 133 133 133 134 135 | | | | na | | | | - | | | | |
| Description Cope | U | | | | ubaant C | | 15.040 | | Distance | = 1000 | J IVIMZ. | 3111 |
| Bicon Ant.#: E1046 Temp. (°C): 21 | • | | | art 15, 5 | ubpart C | , | 15.249 | | | | | DD1// 400 111 |
| Description Cable Left Cable Left Sec SAC10m Sec Sacro Analyzer #: 100.8 Analyzer SaCro Meter Sacro Meter | • | | | | т | (90) | 04 | | | | | |
| DRG Ant. # Cable LF#: | | | | | | | | • | | | | |
| Cable LF#: Cable HF#: Cable HF#: Cable HF#: Preamp LF#: Preamp HF# Preamp HF# Mes. Meter Meter Reading (MHz) Vertical Horizontal 2402.0 55.9 62.4 P 278.0 100.0 62.4 86.3 99.7 114.0 -14.2 Pass Low Channel 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 44.7 28.5 A 188.0 100.0 42.7 44.2 54.0 -12.8 Pass 2480.0 44.0 42.2 P 112.0 104.0 64.0 50.5 74.0 -23.5 Pass Low er Band Edge 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Low er Band Edge | • | | | | | , | | _ | | | | |
| Cable HF#: Preamp LF#: Preamp LF#: Preamp HF# 901 | | | | | - | - | | _ | | | | |
| Preamp LF#: Preamp HF# 1016 Duty Cycle (%): 21.00 Measurements below 1 GHz are Quasi-Peak values, unless otherwise stated. | | | - | | • | | | _ | | | | |
| Neas. Meter Det EUT Ant. Max. Corrected Spec. CR/SL Pass Comment CR/SL Pass CR/SL | | | | Quasi-F | | | | _ | | | | DCF = 20 x log(duty cyle) |
| Measurements above 1 GHz are Average values, unless otherwise stated. Measurements above 1 GHz are Average values, unless otherwise stated. | • | | | | Duty (| Cycle (%): | | <u>-</u> | | | | |
| Meas. Freq. Reading (MHz) Meter Reading (MHz) Det. Pedical Height (MHz) EUT Side Height (MHz) Ant. Side Height (MHz) Max. Reading (MHz) Corrected May (MHz) Spec. (MHz) CR/SL Diff. Fail (MHz) Pass Diff. Fail (MHz) Pass Diff. Fail (MHz) Pass Diff. Fail (MHz) Pass Diff. Grading (MHz) Pass Di | Preamp HF# | | 1016 | | | | | | | | | |
| Freq. (MHz) Reading Vertical Reading DEG Reading cm Reading dBuV/m Reading dBuV/m Imit dBuV/m DIff. (dB) Fail Comment 2402.0 55.9 62.4 P 278.0 100.0 62.4 99.8 114.0 -14.2 Pass Low Channel 2402.0 55.9 62.4 A 278.0 100.0 62.4 86.3 94.0 -7.7 Pass 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass 4804.0 42.7 28.5 A 188.0 100.0 | | | | | | | | | | | _ | s, unless otherwise stated. |
| (Mtz) Vertical Horizontal DEG cm (dBµV) dBuV/m dBuV/m (dB) Comment 2402.0 55.9 62.4 P 278.0 100.0 62.4 99.8 114.0 -14.2 Pass Low Channel 2402.0 55.9 62.4 A 278.0 100.0 62.4 86.3 94.0 -7.7 Pass 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 2480.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 | Meas. | Meter | | Det. | EUT | Ant. | | | Spec. | | Pass | |
| 2402.0 55.9 62.4 P 278.0 100.0 62.4 99.8 114.0 -14.2 Pass Low Channel 2402.0 55.9 62.4 A 278.0 100.0 62.4 86.3 94.0 -7.7 Pass 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Low channel Edge | Freq. | • | , | | | Height | Ü | | | | Fail | |
| 2402.0 55.9 62.4 A 278.0 100.0 62.4 86.3 94.0 -7.7 Pass 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 54.8 74.0 -12.8 Pass 2483.5 49.7 <td< td=""><td>(MHz)</td><td>Vertical</td><td>Horizontal</td><td></td><td>DEG</td><td>cm</td><td>(dBµV)</td><td>dBuV/m</td><td>dBuV/m</td><td>(dB)</td><td></td><td>Comment</td></td<> | (MHz) | Vertical | Horizontal | | DEG | cm | (dBµV) | dBuV/m | dBuV/m | (dB) | | Comment |
| 2402.0 55.9 62.4 A 278.0 100.0 62.4 86.3 94.0 -7.7 Pass 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 54.8 74.0 -12.8 Pass 2483.5 49.7 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | | | | | | |
| 2440.0 55.7 62.3 P 277.0 104.0 62.3 99.7 114.0 -14.3 Pass Mid Channel 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 | | | | Р | | | | | | | Pass | Low Channel |
| 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2480.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Low er Ban | 2402.0 | 55.9 | 62.4 | Α | 278.0 | 100.0 | 62.4 | 86.3 | 94.0 | -7.7 | Pass | |
| 2440.0 55.7 62.3 A 277.0 104.0 62.3 86.2 94.0 -7.8 Pass 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2480.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Low er Ban | | | | | | | | | | | | |
| 2480.0 55.2 59.1 P 272.0 128.0 59.1 96.5 114.0 -17.5 Pass High Channel 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | 55.7 | | Р | 277.0 | 104.0 | 62.3 | 99.7 | 114.0 | -14.3 | Pass | Mid Channel |
| 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Low er Band Edge | 2440.0 | 55.7 | 62.3 | Α | 277.0 | 104.0 | 62.3 | 86.2 | 94.0 | -7.8 | Pass | |
| 2480.0 55.2 59.1 A 272.0 128.0 59.1 83.0 94.0 -11.0 Pass 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Low er Band Edge | | | | | | | | | | | | |
| 4804.0 42.7 28.5 P 188.0 100.0 42.7 54.8 74.0 -19.2 Pass Low Channel Harmonics 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass | 2480.0 | 55.2 | 59.1 | Р | 272.0 | 128.0 | 59.1 | 96.5 | 114.0 | -17.5 | Pass | High Channel |
| 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | 2480.0 | 55.2 | 59.1 | Α | 272.0 | 128.0 | 59.1 | 83.0 | 94.0 | -11.0 | Pass | |
| 4804.0 42.7 28.5 A 188.0 100.0 42.7 41.2 54.0 -12.8 Pass 2483.5 49.7 49.6 P 122.0 202.0 49.7 56.2 74.0 -17.8 Pass Upper Band Edge 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | | | | | | | | | |
| 2483.5 | 4804.0 | 42.7 | 28.5 | Р | 188.0 | 100.0 | 42.7 | 54.8 | 74.0 | -19.2 | Pass | Low Channel Harmonics |
| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | 4804.0 | 42.7 | 28.5 | Α | 188.0 | 100.0 | 42.7 | 41.2 | 54.0 | -12.8 | Pass | |
| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | | | | | | | | | |
| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | | | | | | | | | |
| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | | | | | | | | | |
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| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | | | | | | | | | |
| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | | | | | | | | | |
| 2483.5 49.7 49.6 A 122.0 202.0 49.7 42.7 54.0 -11.3 Pass 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | 2483.5 | 49.7 | 49.6 | Р | 122.0 | 202.0 | 49.7 | 56.2 | 74.0 | -17.8 | Pass | Upper Band Edge |
| 2400.0 44.0 42.2 P 112.0 104.0 44.0 50.5 74.0 -23.5 Pass Lower Band Edge | | | | Α | | 202.0 | | | | | | , i |
| | | | | | | | | | | | | |
| | 2400.0 | 44.0 | 42.2 | Р | 112.0 | 104.0 | 44.0 | 50.5 | 74.0 | -23.5 | Pass | Low er Band Edge |
| | | | | | | | | | | | | |
| | _ :55.5 | | | - • | | | | | | | . 300 | |
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FCC ID: 2ABS9RADIO2 IC: 11742A-RADIO2

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Section 5. Receiver Spurious Emissions

NAME OF TEST: Radiated Emissions PARA. NO.: RSS-

Gen 4-10

TESTED BY: Mark Phillips DATE: 01/23/2014

Minimum Standard: Para no. 6.1

6.1 Radiated Limits

Radiated spurious emission measurements shall be performed with the receiver antenna connected to the receiver antenna terminals.

Table 2: Radiated Limits of Receiver Spurious Emissions

| Frequency (MHz) | Field Strength (microvolts/m at 3 meters)* |
|-----------------|--|
| 30-88 | 100 |
| 88-216 | 150 |
| 216-960 | 200 |
| Above 960 | 500 |

^{*}Measurements for compliance with limits in the above table may be performed at distances other than 3 metres, in accordance with Section 7.2.7.

Test Results: Complies

Measurement Data: No emissions found, 30 MHz to 5 GHz.

FCC ID: 2ABS9RADIO2 IC: 11742A-RADIO2

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Section 6. Test Equipment List

| Asset # | Description | Manufacturer | Model | S/N | Last Cal | Next Cal |
|---------|---|----------------------|---------|-------------|-------------|--------------|
| 110 | Antenna, LPA | Electrometrics | LPA-25 | 1217 | 30-Apr-2013 | 30-Apr-2014 |
| 133 | Antenna, loop | Electro-Metrics | ALR-25M | 678 | 21-Aug-2013 | 21-Aug-2015 |
| 529 | Antenna, DRWG | EMCO | 3115 | 2505 | 31-Oct-2012 | 31-Oct-2014 |
| 901 | Preamplifier | Sonoma | 310 N | 130607 | 21-Nov-2013 | 21-Nov-2014 |
| E1019 | Two Line V- Network | Rohde & Schwarz | ENV216 | 101045 | 13-Apr-2013 | 13-Apr-2014 |
| E1026 | EMI Test Receiver 9kHz to 7GHz | Rohde & Schwarz | ESCI 7 | 100800 | 15-Jul-2013 | 15-Jul-2014 |
| E1046 | Biconical Antenna | A.H. Systems Inc. | SAS-540 | 736 | 22-Apr-2013 | 22-Apr-2014 |
| 1016 | Preamplifier | Hewlett Packard | 8449A | 2749A00159 | 20-Aug-2013 | 20-Aug-2014 |
| 1767 | Receiver, EMI Test 20Hz - 26.5 GHz - 150 - +30 dBm LCD | Rohde & Schwartz | ESIB26 | 837491/0002 | 19-Dec-2012 | 19-Dec-2013* |

^{*}Extended Calibration

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