

TEST REPORT

Report Number: 100468650DAL-005b Project Number: G100468650

Report Issue Date: 7/30/12

Product Designation: 433.92 MHz 3 Button Wall Mount Remote Control

Model: 113A00-7

Standards: 47 CFR Part 15, Subpart C (15.231 - Periodic operation in the band

40.66-40.70 MHz and above 70 MHz)

RSS-210, Issue 8, 2010

Tested by:
Intertek Testing Services NA, Inc.
1809 10th St.
Plano TX 75074

Client: Home Automation Inc. 4330 Michoud Blvd New Orleans, LA 70129

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Report Number: 100468650DAL-005b Issued: 07/30/2012

TABLE OF CONTENTS (OPTIONAL)

| 1 | Introduction and Conclusion | 3 |
|----|---|----|
| 2 | Test Summary | 3 |
| 3 | Description of Equipment Under Test | 4 |
| | System setup including cable interconnection details, support equipment and simplified bl | |
| 5 | Duty Cycle Determination (FCC 15A - 15.35(c)) | 6 |
| 6 | Radiated emissions (E-field) for low power intentional radiators | 10 |
| 7 | Bandwidth Requirements (FCC 15C - 15.231(c)) | 16 |
| 8 | Conducted emissions on AC power lines | 18 |
| 9 | Restrictions (FCC 15C - 15.231(a)) | 18 |
| 10 | Revision History | 21 |

Report Number: 100468650DAL-005b Issued: 07/30/2012

1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 3.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard unless specifically noted.

Based on the results of our investigation, we have concluded the product tested complies with the requirements of the standard indicated. The results obtained in this test report pertain only to the item tested.

2 Test Summary

| Section | Test full name | Test date | Result |
|---------|--|-----------|--------|
| 3 | Description of Equipment Under Test | | |
| 4 | System setup including cable interconnection details, support equipment and simplified block diagram | | |
| 5 | Duty Cycle Determination (FCC 15A - 15.35(c)) | 07/11/12 | Pass |
| 6 | Radiated emissions (E-field) for low power intentional radiators | 05/16/12 | Pass |
| 7 | Bandwidth Requirements (FCC 15C - 15.231(c)) | 07/11/12 | Pass |
| 8 | Conducted Emissions testing is not required as EUT is battery powered. | N/A | N/A |
| 9 | Restrictions (FCC 15C - 15.231(a)) | 05/16/12 | Pass |
| 10 | 10 Revision History | | |

Report Number: 100468650DAL-005b Issued: 07/30/2012

3 Description of Equipment Under Test

| Equipment Under Test | | | | | | |
|---|---------------------|----------|----------|--|--|--|
| Description Manufacturer Model Number Serial Number | | | | | | |
| 3 Button Wall Mount Remote Control | Home Automation Inc | 113A00-7 | 11002856 | | | |

| Receive Date: | 4/25/12 | |
|---------------------|------------|--|
| Received Condition: | Good | |
| Type: | Production | |

Description of Equipment Under Test (provided by client)

EUT is a Low Power Wireless transceiver that transmits a 433.92 MHz signal to the Omni-Bus Control system and allows a home owner to adjust various applications around their home (i.e. lights, security system, etc.)

| Transmitter Overview: | |
|-----------------------|---------------|
| FCC Identifier | HHC-113A00-7 |
| IC Identifier | 1516A-113A007 |
| Frequency Range | 433.92MHz |
| Modulation | ASK - OOK |
| Antenna type (15.203) | integrated |

| Equipment Under Test Power Configuration | | | | | |
|--|-----|-----|-----|--|--|
| Rated Voltage Rated Current Rated Frequency Number of Phases | | | | | |
| 12V Battery-powered | N/A | N/A | N/A | | |

Operating modes of the EUT:

| No. | Descriptions of EUT Exercising |
|-----|--|
| 1 | For Radiated emissions testing, EUT was Transmitting continuously @ 433.9MHz. The EUT is a wall mounted device and therefore has only one orientation for testing. |
| 2 | For Bandwidth testing, EUT was Transmitting @ 433.9MHz every 10 seconds. |

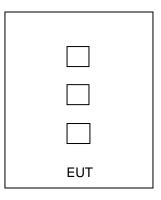
Report Number: 100468650DAL-005b Issued: 07/30/2012

4 System setup including cable interconnection details, support equipment and simplified block diagram

4.1 Method:

Record the details of EUT cabling, document the support equipment, and show the interconnections in a block diagram.

4.2 EUT Block Diagram:



4.3 Data:

| ID | Description | Length | Shielding | Ferrites |
|----|-------------|--------|-----------|----------|
| | None | | | |
| | | | _ | |

| Support Equipment | | | | | | |
|---|--|--|--|--|--|--|
| Description Manufacturer Model Number Serial Number | | | | | | |
| None | | | | | | |
| | | | | | | |

5 Duty Cycle Determination (FCC 15A - 15.35(c))

5.1 Method:

From 47 CFR Part 15, Subpart A (15.35(c)) and RSS-GEN Section 4.5

When the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value. The exact method of calculating the average field strength shall be submitted with any application for certification or shall be retained in the measurement data file for equipment subject to notification or verification.

Determine the period of the pulse train, T, in mSec and record the results. T is defined as the time from the beginning of one pulse train to the beginning of the next pulse train.

Count the number of different types of pulses, N and record the results.

For each of the different types of pulses, count the number of occurrences within one pulse train.

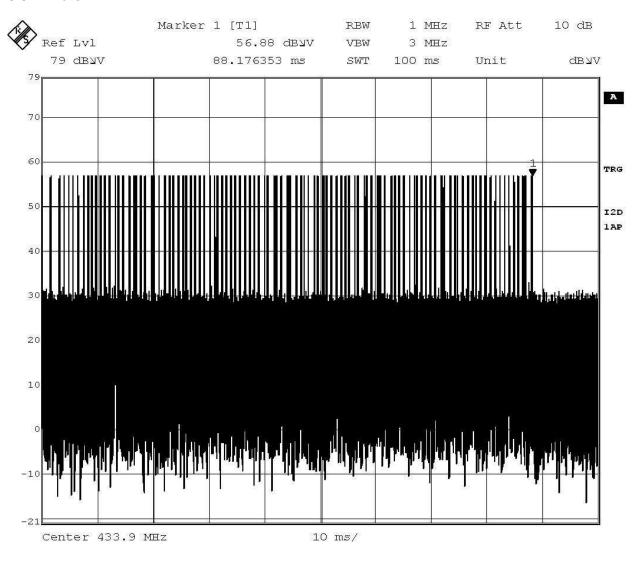
Use the Duty Cycle Correction Factor, DCCF, from the results table and use it to adjust the field strength measurements recorded for radiated emissions.

5.2 Test Equipment Used:

| Asset | Description | Manufacturer | Model # | Serial # | Cal Date | Cal Due |
|-------|--------------|--------------|---------|-------------|----------|----------|
| ID | | | | | | |
| 77 | EMI Reciever | R&S | ESI | 100044 | 04/05/12 | 04/05/13 |
| 974 | RF Cable | MegaPhase | Custom | 11111301001 | 09/14/12 | 09/14/13 |
| 975 | RF Cable | MegaPhase | Custom | 11111301002 | 09/14/12 | 09/14/13 |

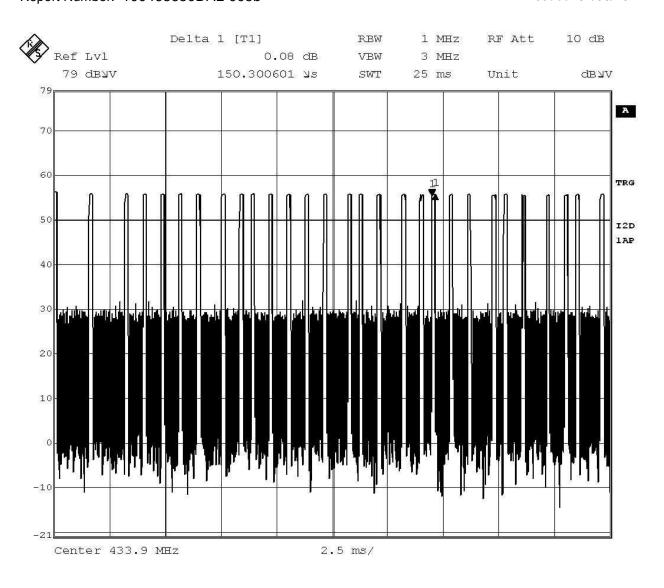
Report Number: 100468650DAL-005b Issued: 07/30/2012

5.3 Plots:



88 ms Pulse Train

Report Number: 100468650DAL-005b Issued: 07/30/2012



0.15ms Pulse Width

Report Number: 100468650DAL-005b Issued: 07/30/2012

5.4 Data:

Duration of Pulse Train, T (mSec): 88

Averaging Interval, A_I (mSec): 88

Number of different Pulses, N: 1

| | Number | Pulse Width, mSec | Product |
|----------------|--------------------|--------------------|---------------------------------------|
| D 1 147 141 4 | (#P _x) | (PW _x) | (#P _x)*(PW _x) |
| Pulse Width 1 | 107 | 0.15 | 16.05 |
| Pulse Width 2 | | | |
| Pulse Width 3 | | | |
| Pulse Width 4 | | | |
| Pulse Width 5 | | | |
| Pulse Width 6 | | | |
| Pulse Width 7 | | | |
| Pulse Width 8 | | | |
| Pulse Width 9 | | | |
| Pulse Width 10 | _ | | |

Duty Cycle: 0.182386364

Duty Cycle Correction Factor, dB: -14.8

$$\begin{split} T_{on} = & (PW * \# P)_1 + (PW_2 * \# P_2) + \dots + (PW_n * \# P_n) \\ DutyCycle = & T_{on} \div A_I \\ DCCF = & 20 * Log_{10}(DutyCycle) \end{split}$$

Report Number: 100468650DAL-005b Issued: 07/30/2012

6 Radiated emissions (E-field) for low power intentional radiators

6.1 Method

The test method and equipment setup for radiated emissions tests shall follow the guidelines of ANSI C63.4:2003.

Measurements below 1 GHz shall be performed with a quasi-peak detector instrument that meets the requirements of Section One of CISPR 16.

Bandwidths:

30 MHz to 1000 MHz: 120 kHz RBW and 1 MHz VBW Above 1000 MHz: 1 MHz RBW and 3 MHz VBW

Detectors:

Equal to or less than 1000 MHz: CISPR quasi-peak detector (alternative: peak detector)

Above 1000 MHz: Average detector (applies to average limit) Above 1000 MHz: Peak detector (applies to peak limit)

Limits:

Equal to or less than 1000 MHz, the limits are specified as quasi-peak. If a peak detector is used, the limit does not change. Above 1000 MHz, the limits are specified as average. The peak limit is 20 dB above the average limit. Both peak and average measurements are required to be reported.

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 emission limits in §15.209, whichever is the lesser attenuation.

Frequency range of radiated measurements

For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to at least the frequency shown in this paragraph:

- (1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
- (2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
- (3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
- (4) If the intentional radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (a)(1) through (a)(3) of this section or the range applicable to the digital device, as shown in paragraph (b)(1) of this section, whichever is the higher frequency range of investigation.

Measurement antenna requirements:

Below 30 MHz - Loop antenna

30 to 1000 MHz - Biconical, Log Periodic, or equivalent

Above 1000 MHz - Horn or equivalent

Measurements of the radiated field are made with the antenna located at a distance of 3 or 10 meters from the EUT. The limit applied to the measurement shall be appropriate for the test distance. The test distance shall be indicated in the results section.

The EUT shall be arranged and connected with cables terminated in accordance with the product specification.

Report Number: 100468650DAL-005b Issued: 07/30/2012

Exploratory tests should be carried out while varying the cable positions to determine the maximum or near-maximum emission levels. During manipulation, cables shall not be placed under or on top of the system test components unless such placement is required by the inherent equipment design.

The antenna shall be adjusted between 1m and 4m in height above the ground plane for maximum meter reading at each test frequency. The antenna-to-EUT azimuth shall be varied during the measurement to find the maximum field-strength readings.

The antenna-to-EUT polarization (horizontal and vertical) shall be varied during the measurements to find the maximum field-strength readings.

If the EUT is handheld, it shall be oriented in each of its orthogonal axes.

If the EUT is intended for tabletop use, it shall be placed on a table whose top is 0.8m above the ground plane. The table shall be constructed of nonconductive materials. Its dimensions are at least 1m by 1.5m, but may be extended for larger EUT.

If EUT is floor standing, the EUT was placed on a horizontal metal ground plane and isolated from the ground plane by up to 12 mm of insulating material.

TEST SITE

The test site for radiated emissions consists of a 3 meter semi-anechoic chamber and is located at Intertek 1809 10th St. Plano TX 75075

6.2 Test Equipment Used:

| Asset | Description | Manufacturer | Model # | Serial # | Cal Date | Cal Due |
|-------|---------------|--------------|----------|-------------|----------|----------|
| ID | | | | | | |
| 77 | EMI Reciever | R&S | ESI | 100044 | 04/05/12 | 04/05/13 |
| 82 | Bilog Antenna | Chase | CBL6112A | 2228 | 08/10/11 | 08/10/12 |
| 271 | Horn Antenna | AH Systems | SAS-571 | 787 | 04/12/12 | 04/12/13 |
| 222 | PreAmp | Miteq | AMF-4D | 1020106 | 10/06/11 | 10/06/12 |
| 974 | RF Cable | MegaPhase | Custom | 11111301001 | 09/14/12 | 09/14/13 |
| 975 | RF Cable | MegaPhase | Custom | 11111301002 | 09/14/12 | 09/14/13 |

6.3 Results:

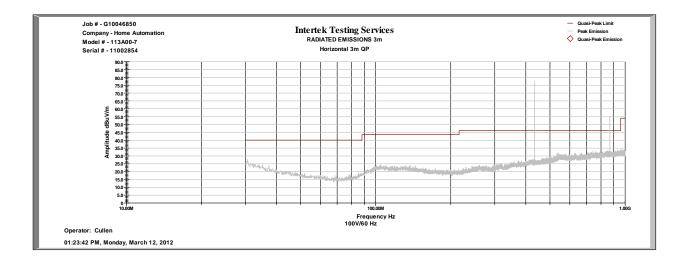
The sample tested was found to Comply

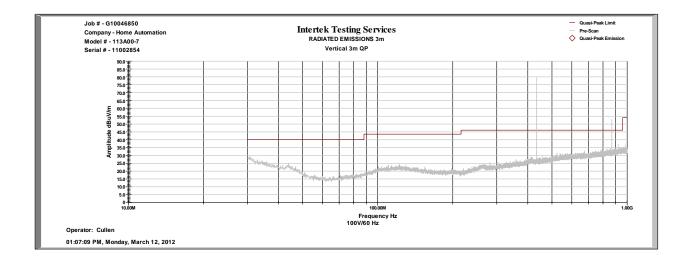
6.4 Setup Photographs:



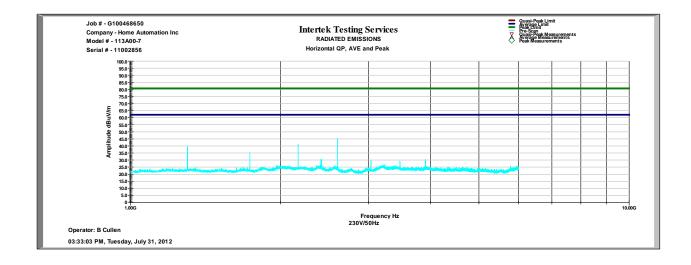
Test setup

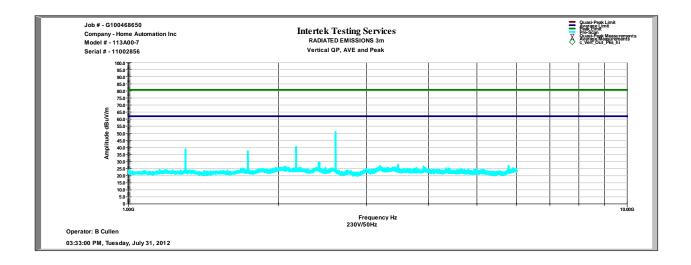
6.5 Plots:





Spurious Emissions plots: 30 to 1000 MHz





Spurious Emissions plots: Above 1 GHz

6.6 Test Data:

Spurious Emissions Data 30 to 1000MHz to Class B limit:

* No peak spurious emissions within 20dB of the Quasi-Peak or Average limits.

Fundamental Frequency:

| Α | В | C | D | E | F | G | Η | I | J | K |
|--------------|-----------|---------|---------|-------|---------|-------------------|----------|----------|--------|----------|
| Antenna | | | Antenna | Cable | Pre-amp | Duty Cycle | | 3m | | Axis / |
| Polarity | Frequency | Reading | Factor | Loss | Factor | Factor | Net | Limit | Margin | Detector |
| (H/V) | MHz | dB(uV) | dB(1/m) | dB | dB | dB | dB(uV/m) | dB(uv/m) | dB | |
| Н | 433.930 | 65.3 | 17.2 | 4.7 | 0.0 | | 87.2 | 100.8 | -13.6 | X/Pk |
| Н | 433.930 | 65.3 | 17.2 | 4.7 | 0.0 | 14.2 | 73.0 | 80.8 | -7.8 | X/Av |
| V | 433.930 | 68.9 | 17.2 | 4.7 | 0.0 | | 90.8 | 100.8 | -10.0 | X/Pk |
| V | 433.930 | 68.9 | 17.2 | 4.7 | 0.0 | 14.2 | 76.6 | 80.8 | -4.2 | X/Av |
| Calculations | | G=C+E |)+E+F | I = 0 | 3 - H | | | | | |

The EUT is a wall mounted device so therefore only has one axis to test.

Harmonic Frequencies:

| Α | В | С | D | Е | F | G | Н | | J | K |
|--------------|-----------|---------|---------|-------|---------|-------------------|----------|----------|--------|----------|
| Antenna | | | Antenna | Cable | Pre-amp | Duty Cycle | | 3m | | Axis / |
| Polarity | Frequency | Reading | Factor | Loss | Factor | Factor | Net | Limit | Margin | Detector |
| (H/V) | MHz | dB(uV) | dB(1/m) | dB | dB | dB | dB(uV/m) | dB(uv/m) | dB | |
| Н | 867.780 | 29.9 | 21.4 | 2.7 | 0.0 | | 54.0 | 80.8 | -26.8 | X/Pk |
| Н | 867.780 | 29.9 | 21.4 | 2.7 | 0.0 | 14.8 | 39.2 | 60.8 | -21.6 | X/Av |
| V | 867.780 | 26.8 | 20.6 | 2.7 | 0.0 | | 50.1 | 80.8 | -30.7 | X/Pk |
| V | 867.780 | 26.8 | 20.6 | 2.7 | 0.0 | 14.8 | 35.3 | 60.8 | -25.5 | X/Av |
| Н | 1301.710 | 42.4 | 24.8 | 3.4 | 32.0 | | 38.6 | 74.0 | -35.4 | X/Pk |
| H | 1301.710 | 42.4 | 24.8 | 3.4 | 32.0 | 14.8 | 23.8 | 54.0 | -30.2 | X/Av |
| V | 1301.710 | 50.3 | 25.3 | 3.4 | 32.0 | | 47.0 | 74.0 | -27.0 | X/Pk |
| V | 1301.710 | 50.3 | 25.3 | 3.4 | 32.0 | 14.8 | 32.2 | 54.0 | -21.8 | X/Av |
| Н | 1735.640 | 37.4 | 26.2 | 3.9 | 32.5 | | 35.0 | 80.8 | -45.8 | X/Pk |
| Н | 1735.640 | 37.4 | 26.2 | 3.9 | 32.5 | 14.8 | 20.2 | 60.8 | -40.6 | X/Av |
| V | 1735.640 | 44.9 | 26.2 | 3.9 | 32.5 | | 42.5 | 80.8 | -38.3 | X/Pk |
| V | 1735.640 | 44.9 | 26.2 | 3.9 | 32.5 | 14.8 | 27.7 | 60.8 | -33.1 | X/Av |
| Н | 2169.570 | 42.4 | 28.1 | 4.5 | 32.6 | | 42.4 | 80.8 | -38.4 | X/Pk |
| Н | 2169.570 | 42.4 | 28.1 | 4.5 | 32.6 | 14.8 | 27.6 | 60.8 | -33.2 | X/Av |
| V | 2169.570 | 43.9 | 28.3 | 4.5 | 32.6 | | 44.1 | 80.8 | -36.7 | X/Pk |
| V | 2169.570 | 43.9 | 28.3 | 4.5 | 32.6 | 14.8 | 29.3 | 60.8 | -31.5 | X/Av |
| Н | 2603.500 | 50.3 | 30.0 | 5.0 | 33.0 | | 52.3 | 80.8 | -28.5 | X/Pk |
| Н | 2603.500 | 50.3 | 30.0 | 5.0 | 33.0 | 14.8 | 37.5 | 60.8 | -23.3 | X/Av |
| V | 2603.500 | 56.1 | 30.3 | 5.0 | 33.0 | | 58.4 | 80.8 | -22.4 | X/Pk |
| V | 2603.500 | 56.1 | 30.3 | 5.0 | 33.0 | 14.8 | 43.6 | 60.8 | -17.2 | X/Av |
| Н | 3037.430 | 31.7 | 31.0 | 5.5 | 33.0 | | 35.2 | 80.8 | -45.6 | X/Pk |
| Н | 3037.430 | 31.7 | 31.0 | 5.5 | 33.0 | 14.8 | 20.4 | 60.8 | -40.4 | X/Av |
| V | 3037.430 | 24.6 | 31.2 | 5.5 | 33.0 | | 28.3 | 80.8 | -52.5 | X/Pk |
| V | 3037.430 | 24.6 | 31.2 | 5.5 | 33.0 | 14.8 | 13.5 | 60.8 | -47.3 | X/Av |
| Н | 3471.360 | 31.2 | 31.0 | 5.9 | 33.2 | | 34.9 | 80.8 | -45.9 | X/Pk |
| Н | 3471.360 | 31.2 | 31.0 | 5.9 | 33.2 | 14.8 | 20.1 | 60.8 | -40.7 | X/Av |
| V | 3471.360 | 31.6 | 31.4 | 5.9 | 33.2 | | 35.7 | 80.8 | -45.1 | X/Pk |
| V | 3471.360 | 31.6 | 31.4 | 5.9 | 33.2 | 14.8 | 20.9 | 60.8 | -39.9 | X/Av |
| Н | 3905.290 | 30.4 | 32.0 | 6.4 | 33.3 | | 35.5 | 74.0 | -38.5 | X/Pk |
| Н | 3905.290 | 30.4 | 32.0 | 6.4 | 33.3 | 14.8 | 20.7 | 54.0 | -33.3 | X/Av |
| V | 3905.290 | 29.7 | 32.4 | 6.4 | 33.3 | | 35.2 | 74.0 | -38.8 | X/Pk |
| V | 3905.290 | 29.7 | 32.4 | 6.4 | 33.3 | 14.8 | 20.4 | 54.0 | -33.6 | X/Av |
| Н | 4339.220 | 22.8 | 31.6 | 6.7 | 33.3 | | 27.8 | 80.8 | -53.0 | X/Pk |
| Н | 4339.220 | 22.8 | 31.6 | 6.7 | 33.3 | 14.8 | 13.0 | 60.8 | -47.8 | X/Av |
| V | 4339.220 | 23.4 | 31.8 | 6.7 | 33.3 | | 28.6 | 80.8 | -52.2 | X/Pk |
| V | 4339.220 | 23.4 | 31.8 | 6.7 | 33.3 | 14.8 | 13.8 | 60.8 | -47.0 | X/Av |
| Calculations | | G=C+D |)+E+F | l = (| 3 - H | | | | | |

The worst case axis was selected and measured at each frequency.

The green highlighted frequencies fall into the restricted bands and therefore must meet the restricted band limits.

7 Bandwidth Requirements (FCC 15C - 15.231(c))

7.1 Method

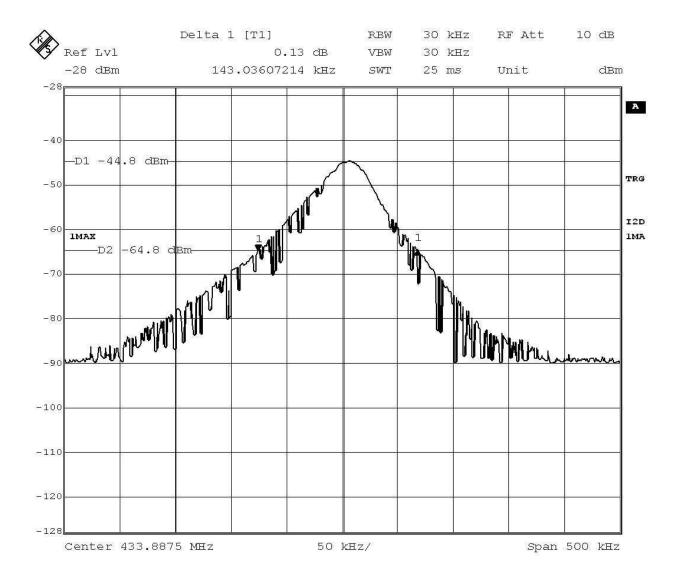
The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

- Center Frequency is set to the fundamental of transmitter.
- Resolution Bandwidth is set to approximately 1% of the emission bandwidth.
- Video Bandwidth is set greater than or equal to the Resolution Bandwidth.

7.2 Test Equipment Used:

| Asset ID | Description | Manufacturer | Model # | Serial # | Cal Date | Cal Due |
|-------------|---------------|--------------|----------|-------------|----------|----------|
| 77 | EMI Reciever | R&S | ESI | 100044 | 04/05/12 | 04/05/13 |
| 82 | Bilog Antenna | Chase | CBL6112A | 2228 | 08/10/11 | 08/10/12 |
| 271 | Horn Antenna | AH Systems | SAS-571 | 787 | 04/12/12 | 04/12/13 |
| 222 | PreAmp | Miteq | AMF-4D | 1020106 | 10/06/11 | 10/06/12 |
| 974 | RF Cable | MegaPhase | Custom | 11111301001 | 09/14/12 | 09/14/13 |
| 975 | RF Cable | MegaPhase | Custom | 11111301002 | 09/14/12 | 09/14/13 |

7.3 Plot:



20dB Bandwidth...measured bandwidth= 143.04 KHz Bandwidth limit=1084.75 KHz-Pass

7.4 Results:

The sample tested was found to Comply.

Deviations, Additions, or Exclusions: None

8 Conducted emissions on AC power lines

Not applicable, EUT is Battery Powered.

9 Restrictions (FCC 15C - 15.231(a))

9.1 Method:

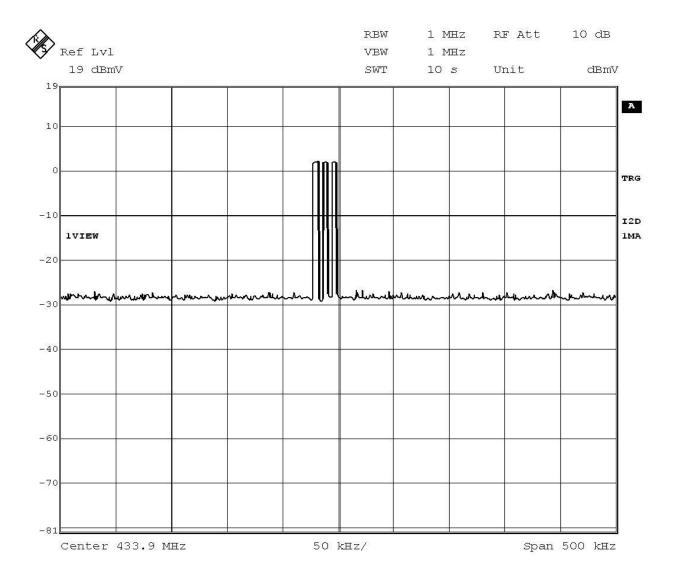
15.231(a) The provisions of this section are restricted to periodic operation within the band 40.66-40.70 MHz and above 70 MHz. Except as shown in paragraph (e) of this section, the intentional radiator is restricted to the transmission of a control signal such as those used with alarm systems, door openers, remote switches, etc. Continuous transmissions, voice, video and the radio control of toys are not permitted. Data is permitted to be sent with a control signal. The following conditions shall be met to comply with the provisions for this periodic operation:

- (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.
- (2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.
- (3) Periodic transmissions at regular predetermined intervals are not permitted. However, polling or supervision transmissions, including data, to determine system integrity of transmitters used in security or safety applications are allowed if the total duration of transmissions does not exceed more than two seconds per hour for each transmitter. There is no limit on the number of individual transmissions, provided the total transmission time does not exceed two seconds per hour.
- (4) Intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition
- (5) Transmission of set-up information for security systems may exceed the transmission duration limits in paragraphs (a)(1) and (a)(2) of this section, provided such transmissions are under the control of a professional installer and do not exceed ten seconds after a manually operated switch is released or a transmitter is activated automatically. Such set-up information may include data

9.2 Test Equipment Used:

| Asset | Description | Manufacturer | Model # | Serial # | Cal Date | Cal Due |
|-------|---------------|--------------|----------|-------------|----------|----------|
| ID | | | | | | |
| 77 | EMI Reciever | R&S | ESI | 100044 | 04/05/12 | 04/05/13 |
| 82 | Bilog Antenna | Chase | CBL6112A | 2228 | 08/10/11 | 08/10/12 |
| 271 | Horn Antenna | AH Systems | SAS-571 | 787 | 04/12/12 | 04/12/13 |
| 222 | PreAmp | Miteq | AMF-4D | 1020106 | 10/06/11 | 10/06/12 |
| 974 | RF Cable | MegaPhase | Custom | 11111301001 | 09/14/12 | 09/14/13 |
| 975 | RF Cable | MegaPhase | Custom | 11111301002 | 09/14/12 | 09/14/13 |

9.3 Plot



Report Number: 100468650DAL-005b Issued: 07/30/2012

9.4 Data

requirements?

| 15.231(a) | Response | Requirement | | |
|--|-----------|----------------------------------|--|--|
| Frequency Range (Mhz, max) | 433.9 Mhz | 40.66-40.70 MHz and > 70MHz | | |
| Frequency Range (MHz, min) | 433.9 Mhz | 40.66-40.70 MHz and > 70MHz | | |
| Transmit only control signal? | Yes | Only control signal allowed | | |
| Continuous transmission? | No | No | | |
| Voice transmission? | No | No | | |
| Video transmission? | No | No | | |
| Radio control of toy? | No | No | | |
| 15.231(a)(1) | | , | | |
| Manually operated? | Yes | | | |
| Deactivates within 5 seconds? | Yes | Yes | | |
| Show plot (10 second sweep) | Yes | | | |
| 15.231(a)(2) | , | , | | |
| Automatically operated? | No | | | |
| Deactivates within 5 seconds? | N/A | | | |
| 15.231(a)(3) | | | | |
| Periodically transmits at predetermined intervals? | No | Allowed, with restrictions | | |
| Polling signals? | No | Allowed, with restrictions | | |
| Polling rate and timing | No | < 2 seconds per hour | | |
| 15.231(a)(4) | | | | |
| For Emergency Use? | No | Allowed | | |
| 15.231(a)(5) | , | 1 | | |
| Exceed 15.231(a)(1) or (a)(2) | No | Allowed for professional install | | |

Report Number: 100468650DAL-005b Issued: 07/30/2012

10 Revision History:

| Revision | Date | Report Number | Notes |
|----------|----------|-----------------------|----------------|
| Level | | | |
| 0 | 07/30/12 | 100468650DAL- 005b | Original Issue |
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