FCC PART 74

MEASUREMENT AND TEST REPORT FOR

TouchTunes Interactive Networks

400 Ste-Croix, Montreal, Quebec, Canada

FCC ID: ALXTT-6700

| Report Concerns: | Equipment Type: | | | | |
|---------------------------|---|----------------------------------|--|--|--|
| Original Report | Wireless Microphones | | | | |
| Model: | TT-6700 | | | | |
| Report No.: | STR12028001I | | | | |
| Test Date: | 2012-02-10 to 2012-02-18 | | | | |
| Issue Date: | 2012-03-14 | | | | |
| Tested By: | Susan Su/ Engineer | Susan Su | | | |
| Reviewed By: | Lahm Peng / EMC Manager | Susom Su Lahm peng Jumbyso | | | |
| Approved & Authorized By: | Jandy so/PSQ Manager | Jumlyso | | | |
| Prepared By: | | | | | |
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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by SEM.Test Compliance Service Co., Ltd.

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1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: TouchTunes Interactive Networks

Address of applicant: 400 Ste-Croix, Montreal, Quebec, Canada

Manufacturer: GUANGDONG TAKSTAR ELECTRONIC CO., LTD
Address of manufacturer: XIALIAO LONGXI BOLUO HUIZHOU GUANGDONG

CHINA

General Description of E.U.T

| Items | Description | | |
|---|----------------------------|--|--|
| EUT Description: | Wireless Microphones | | |
| Trade Name: | TouchTunes KARAOKE | | |
| Model No.: | TT-6700 | | |
| Rated Voltage: | DC 9V Battery | | |
| RF Output Power: | Max. 9.796 dBm (Conducted) | | |
| Frequency Range: | 174.1-215.8MHz | | |
| Antenna Type: | Integral Antenna | | |
| Antenna Gain: | 0 dBi | | |
| For more information refer to the circuit diagram form and the user's manual. | | | |

The test data gathered are from a production sample, provided by the manufacturer.

1.2 Test Standards

The following report is prepared on behalf of TouchTunes Interactive Networks in accordance with Part 74 Subpart H of the Federal Communication Commissions rules.

The objective is to determine compliance with the Federal Communication Commissions rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

Measurements contained in this report were also conducted with TIA/EIA Standard 603, Telecommunications Industry Association Land Mobile FM or PM Communications Equipment Measurement and Performance Standards and ANSI C63.4-2003, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted with Low Channel, Middle Channel and High Channel, accordingly in reference to the Operating Instructions.

Model: TT-6700

1.4 Test Facility

• FCC – Registration No.: 994117

SEM.Test Compliance Services Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files and the Registration is 994117.

• Industry Canada (IC) Registration No.: 7673A

The 3m Semi-anechoic chamber of SEM.Test Compliance Services Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 7673A.

1.5 EUT Exercise Software

The EUT exercise program used during the testing was designed to exercise the system components. The test software is started while the whole system is on.

1.6 Accessories Equipment List and Details

| Description | Manufacturer | Model | Serial Number | |
|-------------|--------------|-------|---------------|--|
| / | / | / | / | |

1.7 EUT Cable List and Details

| Cable Description | Length (M) | Shielded/Unshielded | With Cord/Without Cord |
|-------------------|------------|---------------------|------------------------|
| / | / | / | / |

2. SUMMARY OF TEST RESULTS

| FCC RULES | DESCRIPTION OF TEST | RESULT |
|-------------------|-----------------------------------|-----------|
| §74.861(e)(1)(ii) | Output Power Measurement | Compliant |
| §74.861(e)(3) | Modulation Characteristics | Compliant |
| §74.861(e)(5) | Occupied Bandwidth Emission | Compliant |
| §74.861(e)(6) | Radiated Spurious Emission | Compliant |
| §2.1051 | Spurious Emission at Antenna Port | Compliant |
| §74.86(e)(4) | Frequency Stability | Compliant |

3. §74.861(e)(1)(i)-OUTPUT POWER MEASUREMENT

3.1 Standard Applicable

According to FCC 74.861(e)(1)(ii), for low power auxiliary station operating in the 54–72, 76–88, and 174–216 MHz bands, the power of the measured unmodulated carrier power ant the output of the transmitter power amplifier (antenna input power) may not exceed 50mW.

3.1 Test Equipment List and Detail

| Manufacturer | Description | Model | Serial Number | Cal. Date | Due. Date |
|--------------|----------------------|---------|---------------|------------|------------|
| Agilent | Spectrum Analyzer | E4402B | US41192821 | 2011-12-20 | 2012-12-19 |
| VICTOR | Multimeter | VC9801A | 98965350 | 2011-12-20 | 2012-12-19 |
| FLUKE | Multimeter | 15B | 91280239 | 2011-12-20 | 2012-12-19 |

Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

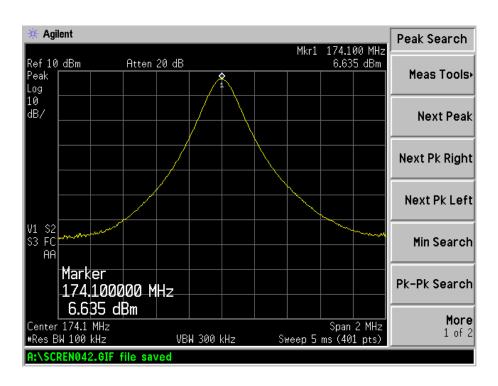
3.3 Test Procedure

- 1. The maximum peak output power was measured with a Spectrum Analyzer connected to the antenna terminal while EUT was operating in unmodulated situation.
- 2. Power was supplied to the battery input connector a power supply. The power supply was set for +3.0VDC. The Spectrum Analyzer was connected at antenna terminal to measure RF power of the carrier.
- 3. A Multimeter was connected in series with final RF Stage to measure the current; A Multimeter was used to measure final RF Stage supply voltage. Then the voltage v.s. current of the final RF Stage can be showed.

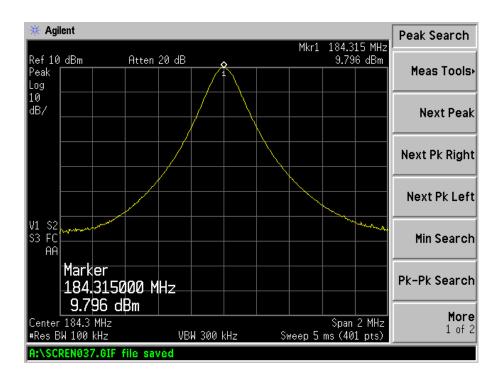
3.2 Test Result/Plots

| Channel | Frequency (MHz) | RF Stage Voltage (Vdc) | Collected Current (mA) | Output Power (dBm) | Limit (dBm) |
|----------------|--------------------|------------------------------|------------------------------|--------------------|-------------|
| Low channel | 174.100 | 9.00 | 0.25 | 6.635 | 17 |
| Middle channel | 184.315 | 9.00 | 0.26 | 9.796 | 17 |
| High channel | 215.800 | 9.00 | 0.26 | 7.727 | 17 |

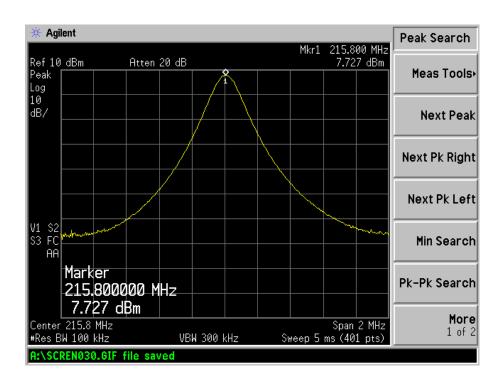
Low channel (174.100MHz)



Middle channel (184.325MHz)



High channel (215.800MHz)



4. §74.861(e)(3)-MODULATION CHARACTERISTICS

4.1 Standard Applicable

According to FCC 2.1047 (a), for Voice Modulated Communication Equipment, the frequency response of the audio modulating circuit over a range of 100Hz to 5000Hz shall be measured. For equipment required to have an audio low-pass filter, the frequency response of the filter or of all circuitry installed between the modulation limiter and the modulated stage shall be measured.

According to \$74.861(e)(3), any form of modulation may be used. A maximum deviation of ±75 kHz is permitted when frequency modulation is employed.

4.2 Test Equipment List and Details

| Description | Manufacturer | Model | Serial Number | Cal. Date | Due. Date |
|-----------------|-----------------|----------|---------------|------------|------------|
| Modulation | Rohde & Schwarz | FAM 54 | 334.2015.54 | 2011-12-20 | 2012-12-19 |
| Analyzer | Konde & Schwarz | TAIVI 34 | 334.2013.34 | 2011-12-20 | 2012-12-17 |
| Audio Generator | MEILI | MFG-3005 | 200612187 | 2011-12-20 | 2012-12-19 |

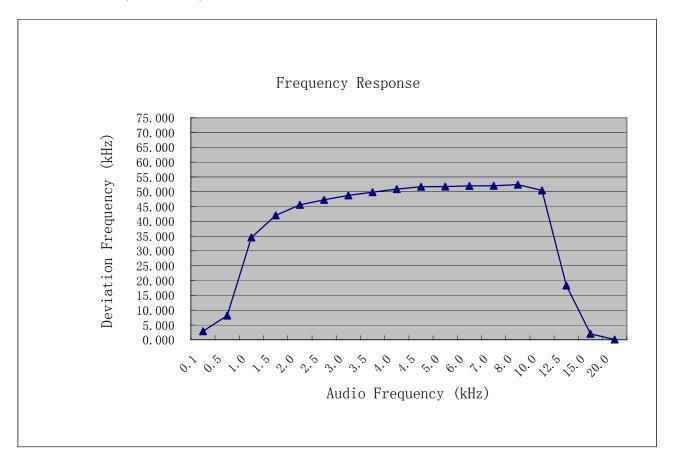
Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

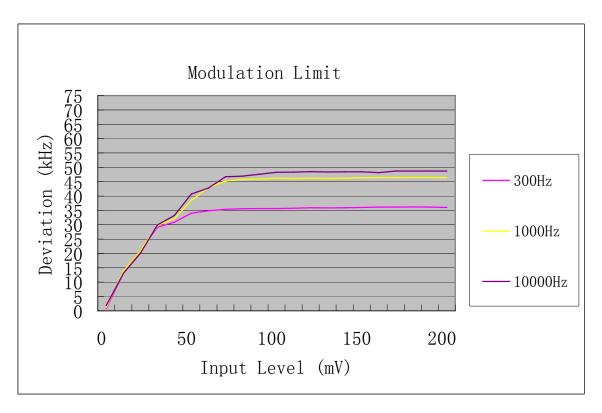
4.3 Test Procedure

- 1) Position the EUT as shown in figure 1, adjust the audio input frequency to 100 Hz and the input level from 0V to maximum permitted input voltage with recording each carrier frequency deviation responding to respective input level.
- 2) Repeat step 1 with changing the input frequency for 100, 300, 1000, 2500 and 3000 Hz in sequence.

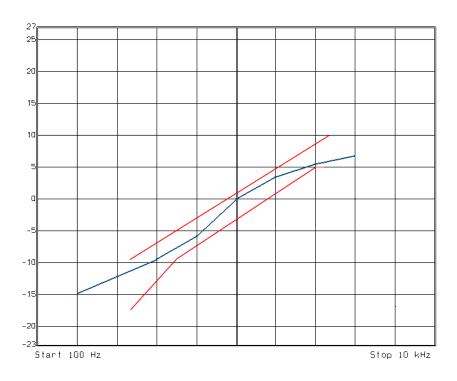
4.4 Test Results/Plots

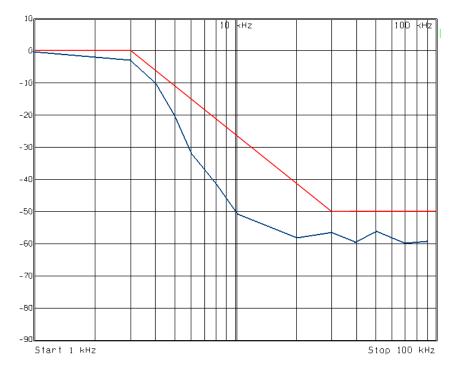
For Middle Channel (184.315MHz)





Audio Low Pass Filter Characteristic Curve





5. §74.861(e)(5) - OCCUPIED BANDWIDTH OF EMISSION

5.1 Standard Applicable

According to FCC 2.1049 (c) (1), for radiotelephone transmitter, other than single sideband or independent sideband transmitter, when modulated by a 2.5 kHz tone at an input level 16 dB greater than that necessary to produce 50 percent modulation.

According to §74.861(e)(5), the operating bandwidth shall not exceed 200 kHz.

According to FCC 74.861(e)(6), the mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule:

- 1. On any frequency removed from the operating frequency by more than 50 percent up to and including 100 percent of the authorized bandwidth: at least 25 dB.
- 2. On any frequency removed from the operating frequency by more than 100 percent up to and including 250 percent of the authorized bandwidth: at least 35 dB.
- 3. On any frequency removed from the operating frequency by more than 250 percent up to and the authorized bandwidth shall be attenuated below the un-modulated carrier by at least 43 plus 10 Log (output power in watts) dB.

5.2 Test Equipment List and Details

| Description | Manufacturer | Model | Serial Number | Cal. Date | Due. Date |
|-----------------|----------------------|----------|---------------|------------|------------|
| Agilent | Spectrum Analyzer | E4402B | US41192821 | 2011-12-20 | 2012-12-19 |
| Audio Generator | MEILI | MFG-3005 | 200612187 | 2011-12-20 | 2012-12-19 |

Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

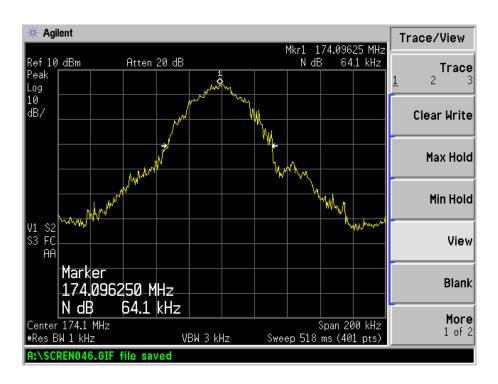
5.3 Test Procedure

According to TIA-603 for additional Test Set-Up procedures, the occupied bandwidth of emission was measured with a Spectrum Analyzer connected to the antenna terminal while EUT was operating in 2.5kHz tone at an input level 16 dB greater than that necessary to produce 50 percent modulation. Then mark the –26dB Bandwidth and record it.

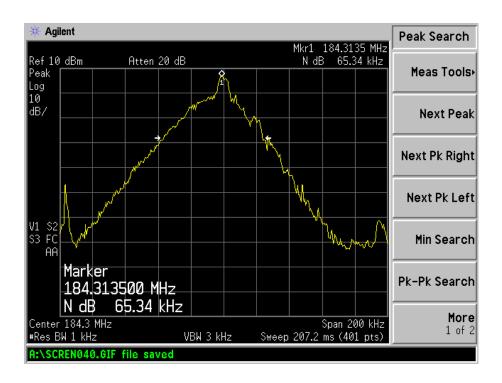
5.4 Test Results/Plots

| Test Channel | Freq (MHz) Measured Bandwidth (kHz) | | Limit (kHz) |
|----------------|---------------------------------------|-------|-------------|
| Low channel | 174.100 | 64.10 | 200 |
| Middle channel | 184.315 | 65.34 | 200 |
| High channel | 215.800 | 79.30 | 200 |

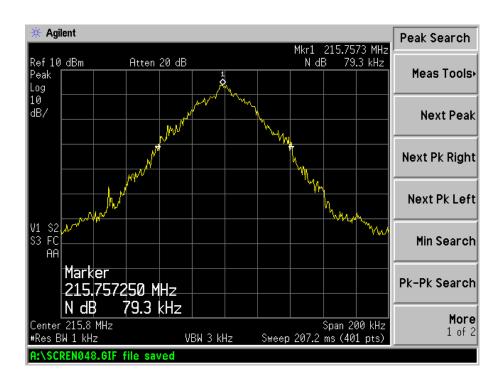
Low channel (174.100MHz)



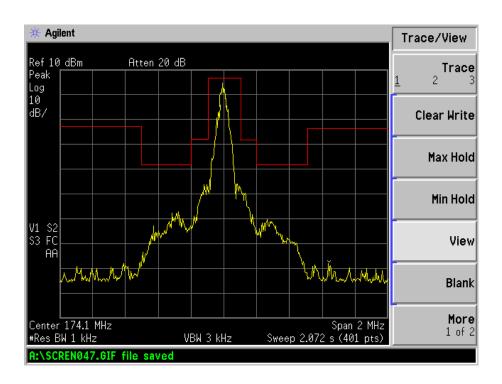
Middle channel (184.315MHz)



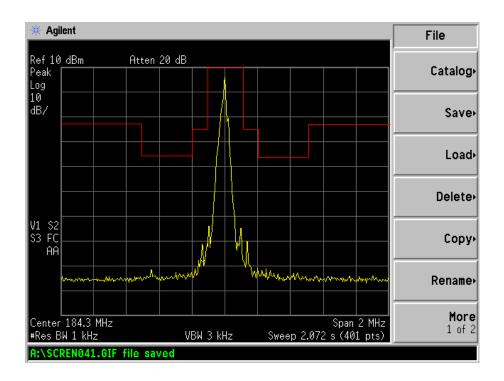
High channel (215.800MHz)



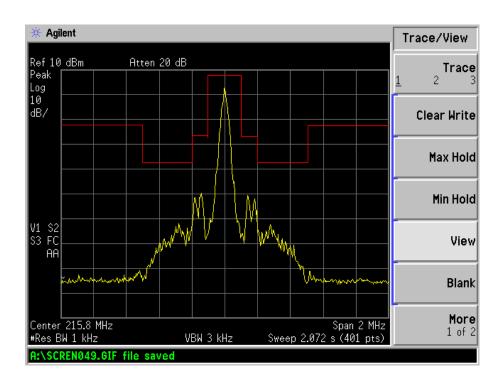
Emission Mask (174.100MHz)



Emission Mask (184.315MHz)



Emission Mask (215.800MHz)



6. §74.861 (e)(6)(iii)- RADIATED SPURIOUS EMISSION

6.1 Measurement Uncertainty

Based on NIS 81, The Treatment of Uncertainty in EMC Measurements, the best estimate of the uncertainty of a radiation emissions measurement is ± 3.0 dB.

6.2 Standard Applicable

According to FCC 2.1053, measurements shall be made to detect spurious emission that may be radiated directly from the cabinet, control circuits, power leads, or intermediated circuit elements under normal condition of installation and operation. Information submitted shall include the relative radiated power of spurious emission with reference to the rated power output of the transmitter, assuming all emissions are radiated from a halfwave dipole antenna.

According to FCC74.861 (e)(6), the mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule:

- 4. On any frequency removed from the operating frequency by more than 50 percent up to and including 100 percent of the authorized bandwidth: at least 25 dB.
- 5. On any frequency removed from the operating frequency by more than 100 percent up to and including 250 percent of the authorized bandwidth: at least 35 dB.
- 6. On any frequency removed from the operating frequency by more than 250 percent up to and the authorized bandwidth shall be attenuated below the un-modulated carrier by at least 43 plus 10 Log (output power in watts) dB.

6.3 Test Equipment List and Details

| Description | Manufacturer | Model | Serial Number | Cal. Date | Due. Date |
|---------------------------|----------------------|----------|---------------|------------|------------|
| Spectrum Analyzer | R&S | FSP | 836079/035 | 2011-12-20 | 2012-12-19 |
| Positioning Controller | C&C | CC-C-1F | N/A | 2011-12-20 | 2012-12-19 |
| RF Switch | EM | EMSW18 | SW060023 | 2011-12-20 | 2012-12-19 |
| Pre-amplifier | Agilent | 8447F | 3113A06717 | 2011-12-20 | 2012-12-19 |
| Pre-amplifier | Compliance Direction | PAP-0118 | 24002 | 2011-12-20 | 2012-12-19 |
| Trilog Broadband Antenna | SCHWARZBECK | VULB9163 | 9163-333 | 2012-01-09 | 2013-01-08 |
| Horn Antenna | ETS | 3117 | 00086197 | 2012-01-09 | 2013-01-08 |
| Signal Generator | Rohde & Schwarz | SMR20 | 100047 | 2011-12-20 | 2012-12-19 |

Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

6.4 Test Procedure

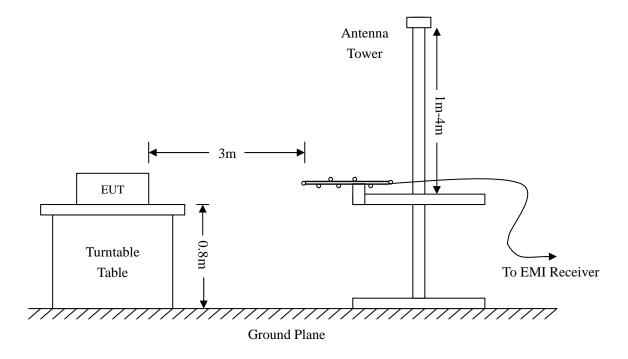
The setup of EUT is according with per TIA/EIA Standard 603 and ANSI C63.4-2003 measurement procedure.

The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.

The frequency range up to tenth harmonic of the fundamental frequency was investigated.

Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Spurious attenuation limit in $dB = 43 + 10 \text{ Log}_{10}$ (power in Watts)



6.5 Environmental Conditions

| Temperature: | 26° C |
|--------------------|-----------|
| Relative Humidity: | 52% |
| ATM Pressure: | 1022 mbar |

6.6 Summary of Test Results/Plots

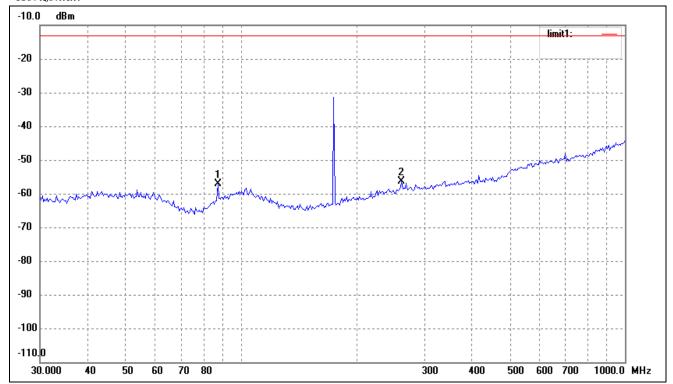
According to the data below, the FCC Part 74.861 standards, and had the worst margin of:

-15.27 dB μV at 972.3374 MHz in the Vertical polarization, 30 MHz to 3 GHz, Substitute.

Spurious Emission from 30MHz to 1GHz

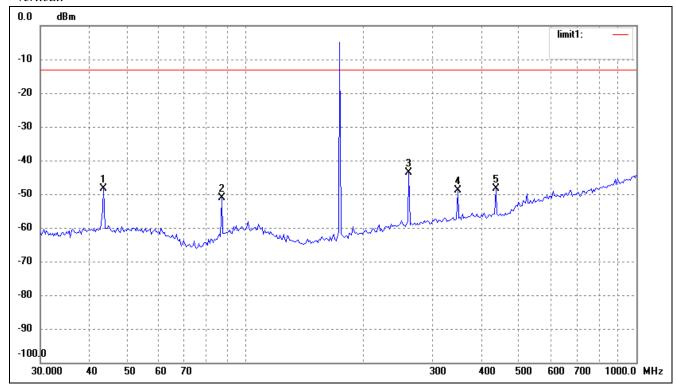
Test Mode: Transmitting-Low channel

Horizontal:



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBm) | dB | (dBm) | (dBm) | (dB) | |
| 1 | 87.1117 | -75.11 | 17.95 | -57.16 | -13.00 | -44.16 | ERP |
| 2 | 261.9753 | -77.08 | 20.80 | -56.28 | -13.00 | -43.28 | ERP |

Vertical:

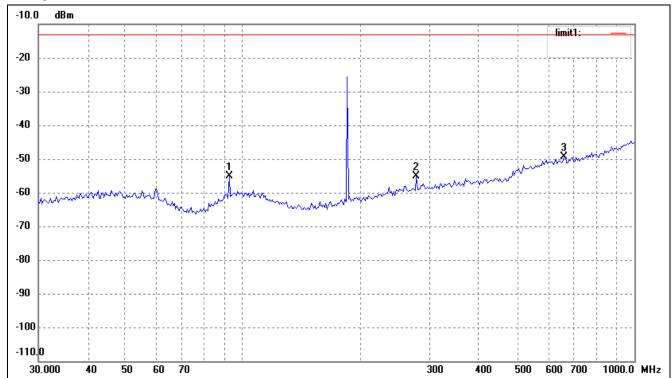


| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBm) | dB | (dBm) | (dBm) | (dB) | |
| 1 | 43.5057 | -68.43 | 20.00 | -48.43 | -13.00 | -35.43 | ERP |
| 2 | 87.1117 | -69.09 | 17.95 | -51.14 | -13.00 | -38.14 | ERP |
| 3 | 261.9753 | -64.37 | 20.80 | -43.57 | -13.00 | -30.57 | ERP |
| 4 | 349.2500 | -71.36 | 22.45 | -48.91 | -13.00 | -35.91 | ERP |
| 5 | 437.1199 | -72.23 | 23.87 | -48.36 | -13.00 | -35.36 | ERP |

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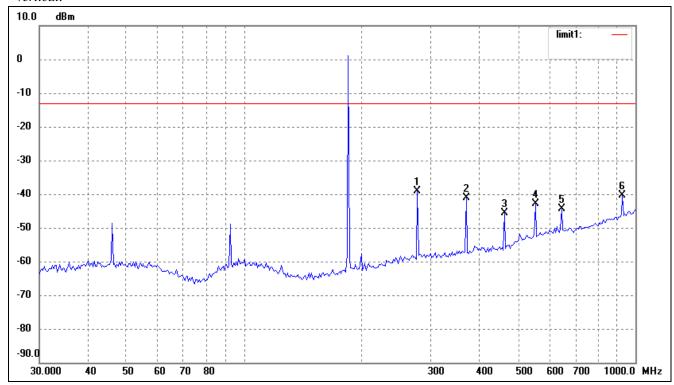
Spurious Emission from 30MHz to 1GHz Test Mode: Transmitting-Middle channel

Horizontal:



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBm) | dB | (dBm) | (dBm) | (dB) | |
| 1 | 92.1388 | -74.47 | 19.30 | -55.17 | -13.00 | -42.17 | ERP |
| 2 | 277.0935 | -76.43 | 21.23 | -55.20 | -13.00 | -42.20 | ERP |
| 3 | 661.1505 | -78.33 | 28.98 | -49.35 | -13.00 | -36.35 | ERP |

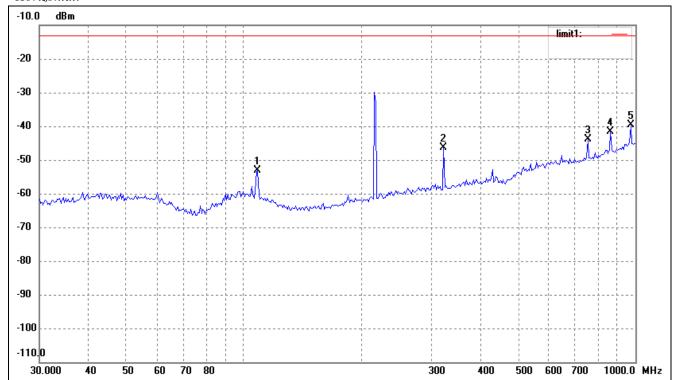
Vertical:



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBm) | dB | (dBm) | (dBm) | (dB) | |
| 1 | 277.0935 | -60.47 | 21.23 | -39.24 | -13.00 | -26.24 | ERP |
| 2 | 369.4047 | -63.99 | 22.84 | -41.15 | -13.00 | -28.15 | ERP |
| 3 | 462.3455 | -69.27 | 23.63 | -45.64 | -13.00 | -32.64 | ERP |
| 4 | 554.8254 | -70.28 | 27.45 | -42.83 | -13.00 | -29.83 | ERP |
| 5 | 647.3856 | -73.34 | 28.87 | -44.47 | -13.00 | -31.47 | ERP |
| 6 | 925.7563 | -73.67 | 33.18 | -40.49 | -13.00 | -27.49 | ERP |

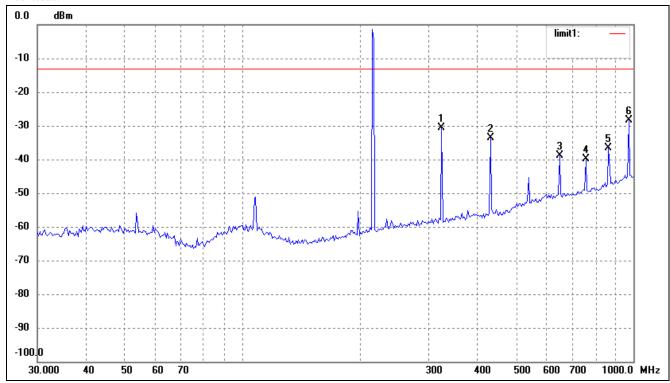
Spurious Emission from 30MHz to 1GHz Test Mode: Transmitting-High channel

Horizontal:



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBm) | dB | (dBm) | (dBm) | (dB) | |
| 1 | 108.2667 | -72.64 | 19.53 | -53.11 | -13.00 | -40.11 | ERP |
| 2 | 323.3204 | -68.33 | 21.86 | -46.47 | -13.00 | -33.47 | ERP |
| 3 | 755.3873 | -73.97 | 30.14 | -43.83 | -13.00 | -30.83 | ERP |
| 4 | 863.0562 | -73.69 | 32.01 | -41.68 | -13.00 | -28.68 | ERP |
| 5 | 972.3374 | -73.69 | 34.03 | -39.66 | -13.00 | -26.66 | ERP |

Vertical:



| No. | Frequency | Reading | Correct | Result | Limit | Margin | Remark |
|-----|-----------|---------|---------|--------|--------|--------|--------|
| | (MHz) | (dBm) | dB | (dBm) | (dBm) | (dB) | |
| 1 | 323.3204 | -52.52 | 21.86 | -30.66 | -13.00 | -17.66 | ERP |
| 2 | 431.0316 | -57.33 | 23.62 | -33.71 | -13.00 | -20.71 | ERP |
| 3 | 647.3856 | -67.68 | 28.87 | -38.81 | -13.00 | -25.81 | ERP |
| 4 | 755.3873 | -70.01 | 30.14 | -39.87 | -13.00 | -26.87 | ERP |
| 5 | 863.0562 | -68.74 | 32.01 | -36.73 | -13.00 | -23.73 | ERP |
| 6 | 972.3374 | -62.30 | 34.03 | -28.27 | -13.00 | -15.27 | ERP |

Note: Testing is carried out with frequency rang 30MHz to the tenth harmonics. Emissions undetected below the base noise are not reported.

7. §2.1051-SPURIOUS EMISSION AT ANTENNA TERMINAL

7.1 Standard Applicable

According to §2.1051, the radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in §2.1049 as appropriate.

According to FCC74.861 (e)(6), the mean power of emissions shall be attenuated below the mean output power of the transmitter in accordance with the following schedule:

On any frequency removed from the operating frequency by more than 250 percent up to and the authorized bandwidth shall be attenuated below the un-modulated carrier by at least 43 plus 10 Log (output power in watts) dB.

7.2 Test Equipment List and Details

| Manufacturer | Description | Model | Serial Number | Cal. Date | Due. Date | |
|--------------|----------------|----------|---------------|------------|------------|--|
| Agilent | Spectrum | E4402B | US41192821 | 2011-12-20 | 2012-12-19 | |
| Agnent | Analyzer | L4402B | 0541172021 | 2011-12-20 | | |
| ETS | 50 ohm Coaxial | SUCOFLEX | 25498514 | 2011-12-20 | 2012 12 10 | |
| | Cable | 104 | 23498314 | 2011-12-20 | 2012-12-19 | |

Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

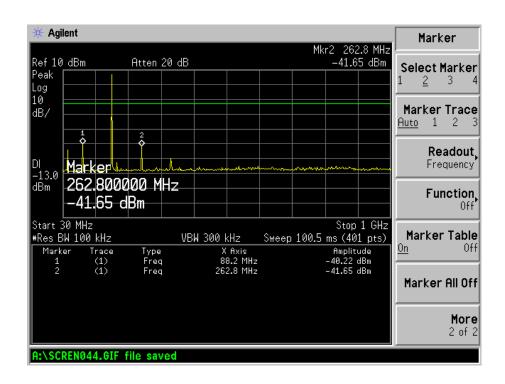
7.3 Test Procedure

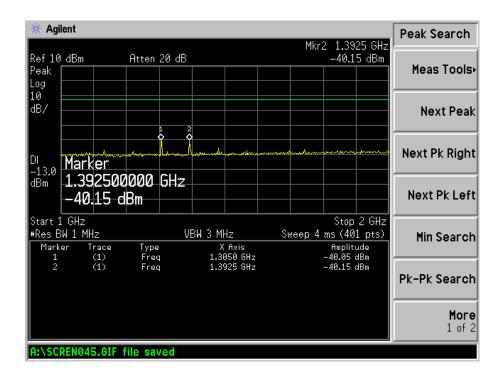
Connect a suitable artificial antenna properly, set the Low, Middle and High Transmitting Channel, observed the spurious emissions from antenna port, and then mark the higher-level emission for comparing with the FCC rules.

7.4 Summary of Test Results/Plots

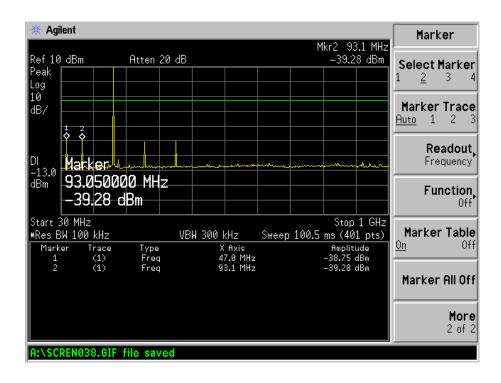
Refer to the attached plots.

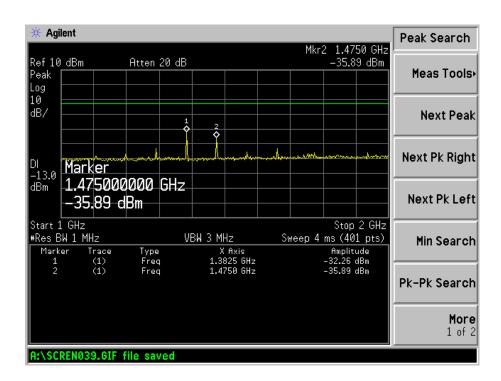
Low channel (174.100MHz)



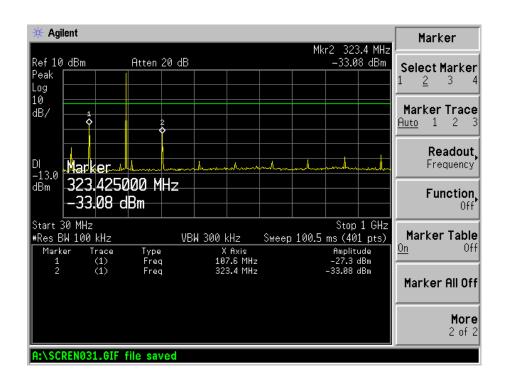


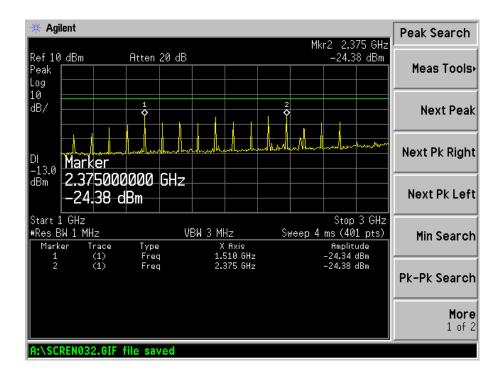
Middle channel (184.315MHz)





High channel (215.800MHz)





8. §74.86(e)(4) - FREQUENCY STABILITY MEASUREMENT

8.1 Standard Applicable

According to FCC 2.1055(a)(1), the frequency stability shall be measure with variation of ambient temperature from -30°C to +50°C, and according to FCC 2.1055(d)(2), the frequency stability shall be measured with reducing primary supply voltage to the battery operating end point which is specified by the manufacturer.

According to FCC 74.861, the frequency tolerance of the transmitter shall be 0.005 percent.

8.2 Test Equipment List and Details

| Manufacturer | Description | Model | Serial Number | Cal. Date | Due. Date |
|--------------|--------------------------|---------|---------------|------------|------------|
| Agilent | Spectrum Analyzer | E4402B | US41192821 | 2011-12-20 | 2012-12-19 |
| GONGWEN | Moisture Test Chamber | GDS-150 | SEMT-0013 | 2011-12-20 | 2012-12-19 |

Statement of Traceability: All calibrations have been performed per the NVLAP requirements traceable to the NIST.

8.3 Test Procedure

- 1. Setup the configuration of the ambient temperature form -30°C to 50°C with sufficient time. And measure the different power of the EUT with an artificial power from highest to end point voltage.
- 2. Set frequency counter center frequency to the right frequency needs to be measured.

8.4 Test Results/Plots

| Test conditions | | | Frequency Error | | | | | |
|----------------------------|---------------------------------|-------------------|-------------------|-------------|--|--|--|--|
| | | 174.100 MHz | 184.315 MHz | 215.800 MHz | | | | |
| T _{min} (-30°C) | V _{min} (7.7V) | 174.0970 | 184.3090 | 215.7965 | | | | |
| 1 min (-30 C) | V _{max} (10.3V) | 174.0964 | 184.3097 | 215.7968 | | | | |
| T(-20°C) | V _{nom} (9.0V) | 174.0969 | 184.3095 | 215.7969 | | | | |
| T(-10°C) | V _{nom} (9.0V) | 174.0985 | 184.3093 | 215.7980 | | | | |
| T(0°C) | V _{nom} (9.0V) | 174.0992 | 184.3095 | 215.7982 | | | | |
| T(10°C) | T(10°C) V _{nom} (9.0V) | | 174.0995 184.3099 | | | | | |
| T _{nom} (20°C) | V _{nom} (9.0V) | 174.1000 | 184.3151 | 215.8020 | | | | |
| T(30°C) | V _{nom} (9.0V) | 174.1005 184.3150 | | 215.8000 | | | | |
| T(40°C) | V _{nom} (9.0V) | 174.1029 | 184.3225 | 215.8005 | | | | |
| T (50°C) | V _{min} (7.7V) | 174.1035 | 184.3220 | 215.8066 | | | | |
| T _{max} (50°C) | V _{max} (10.3V) | 174.1028 | 184.3230 | 215.8075 | | | | |
| Max. frequency error (ppm) | | -20.68 +43.40 | | +34.75 | | | | |
| Limit | Limit (ppm) | | ±50ppm | | | | | |
| End Point | | DC 7.7V | | | | | | |

***** END OF REPORT *****