



TEST REPORT

Report No.: HK10020088-1

Amazilla Holding B.V.

Application
For
Certification
(Original Grant)
(FCC ID: X5GIWING601S)

Transceiver

Prepared and Checked by:

Approved by:

Signed On File
Michael Leung/sl
Engineer

Chan Chi Hung, Terry
Senior Lead Engineer
Date: February 23, 2010

- The test report only allows to be revised within the retention period unless further standard or the requirement was noticed.
- This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Intertek Testing Services Hong Kong Ltd.

2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.

Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

INTERTEK TESTING SERVICES

GENERAL INFORMATION

Amazilla Holding B.V.
BRAND NAME: Amazilla, MODEL: IAR-601S

FCC ID: X5GIWING601S

Grantee:	Amazilla Holding B.V.
Grantee Address:	Willemskade 18-C, 3016 DL Rotterdam, The Netherlands.
Contact Person:	W.A. Vermaat
Tel:	+31 (0) 10 411 00 55
Fax:	+31 (0) 10 411 01 55
e-mail:	N/A
Manufacturer:	N/A
Manufacturer Address:	N/A
Brand Name:	Amazilla
Model:	IAR-601S
Type of EUT:	Transceiver
Description of EUT:	Wireless iPod to Hi Fi Connection Kit (Sender)
Serial Number:	N/A
FCC ID:	X5GIWING601S
Date of Sample Submitted:	February 02, 2010
Date of Test:	February 04, 2010
Report No.:	HK10020088-1
Report Date:	February 23, 2010
Environmental Conidtions:	Temperature: +10 to 40°C Humidity: 10 to 90%

INTERTEK TESTING SERVICES

SUMMARY OF TEST RESULT

Amazilla Holding B.V.
BRAND NAME: Amazilla, MODEL: IAR-601S

FCC ID: X5GIWING601S

TEST SPECIFICATION	REFERENCE	RESULTS
Maximum Peak Output Power	15.247(b), (c) / RSS-210 A8.4	N/A
Hopping Channel Carrier Frequencies Separation	15.247(e) / RSS-210 A8.1	N/A
20dB Bandwidth of the Hopping Channel	15.247(a) / RSS-210 A8.1	N/A
Number of Hopping Frequencies	15.247(e) / RSS-210 A8.1	N/A
Average Time of Occupancy of Hopping Frequency	15.247(e) / RSS-210 A8.1	N/A
Antenna Conducted Spurious Emissions	15.247(d) / RSS-210 A8.5	N/A
Radiated Spurious Emissions	15.247(d) / RSS-210 A8.5	N/A
RF Exposure Compliance	15.247(i) / RSS-Gen 5.5	N/A
Transmitter Power Line Conducted Emissions	15.207 / RSS-Gen 7.2.2	N/A
Transmitter Field Strength	15.227 / RSS-310 3.8	N/A
Transmitter Field Strength	15.229 / RSS-210 A2.7	N/A
Transmitter Field Strength, Bandwidth and Timing Requirement	15.231(a) / RSS-210 A1.1.1	N/A
Transmitter Field Strength, Bandwidth and Timing Requirement	15.231(e) / RSS-210 A1.1.5	N/A
Transmitter Field Strength and Bandwidth Requirement	15.239 / RSS-210 A2.8	N/A
Transmitter Field Strength and Bandwidth Requirement	15.249 / RSS-210 A2.9	Pass
Transmitter Field Strength and Bandwidth Requirement	15.235 / RSS-310 3.9	N/A
Receiver / Digital Device Radiated Emissions	15.109 / ICES-003	Pass
Digital Device Conducted Emissions	15.107 / ICES-003	Pass

- Note: 1. The EUT uses a permanently attached antenna which, in accordance to section 15.203, is considered sufficient to comply with the provisions of this section.
2. Pursuant to FCC part 15 Section 15.215(c), the 20 dB bandwidth of the emission was contained within the frequency band designated (mentioned as above) which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over excepted variations in temperature and supply voltage were considered.

INTERTEK TESTING SERVICES

Table of Contents

1.0	<u>General Description</u>	1
1.1	Product Description	1
1.2	Related Submittal(s) Grants	1
1.3	Test Methodology	1
1.4	Test Facility	1
2.0	<u>System Test Configuration</u>	2
2.1	Justification	2
2.2	EUT Exercising Software	2
2.3	Special Accessories	2
2.4	Equipment Modification	2
2.5	Measurement Uncertainty	2
2.6	Support Equipment List and Description	3
3.0	<u>Emission Results</u>	3
3.1	Field Strength Calculation	3
3.2	Radiated Emission Configuration Photograph	4
3.3	Radiated Emission Data	4
3.4	Conducted Emission Configuration Photograph	4
3.5	Conducted Emission Data	4
4.0	<u>Equipment Photographs</u>	9
5.0	<u>Product Labelling</u>	9
6.0	<u>Technical Specifications</u>	9
7.0	<u>Instruction Manual</u>	9
8.0	<u>Miscellaneous Information</u>	9
8.1	Measured Bandwidth / RF Output Signal	9
8.2	Discussion of Pulse Desensitization	10
8.3	Emissions Test Procedures	111
9.0	<u>Confidentiality Request</u>	122
10.0	<u>Equipment List</u>	133

INTERTEK TESTING SERVICES

1.0 General Description

1.1 Product Description

The EUT is a Wireless iPod to Hi Fi Connection Kit (sender) transceiver, which is used to transmit audio signal to its corresponding transceiver (receiver). It operates at frequency range of 2404MHz to 2479MHz, and is powered by iPod. After plug to the iPod slot, it will turn on automatically and enter to pairing mode.

Before the digital audio signal to be sent, this transceiver (sender) with a synchronization process with the corresponding transceiver (receiver). The sender and receiver enter synchronizing mode, and both of the power LEDs will turn on.

Antenna Type : Internal, Integral

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

1.2 Related Submittal(s) Grants

The Certification procedure of transceiver (receiver) for this transmitter (with FCC ID: X5GIWING601R) is being processed as the same time of this application.

1.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in ANSI C63.4 (2003). All radiated measurements were performed in an Open Area Test Site. Preliminary scans were performed in the Open Area Test Site only to determine worst case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the “**Justification Section**” of this Application.

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located at Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong. This test facility and site measurement data have been placed on file with the FCC.

INTERTEK TESTING SERVICES

2.0 **System Test Configuration**

2.1 Justification

The system was configured for testing in a typical fashion (as a customer would normally use it), and in the confines as outlined in ANSI C63.4 (2003).

The device was powered by iPod. The AC/DC Adaptor is used for charging the iPod only.

For maximizing emissions, the EUT was rotated through 360°, the antenna height was varied from 1 meter to 4 meters above the ground plane, and the antenna polarization was changed. This step by step procedure for maximizing emissions led to the data reported in Exhibit 3.0.

The unit was operated standalone and placed in the center of the turntable.

The equipment under test (EUT) was configured for testing in a typical fashion (as a customer would normally use it). The EUT was mounted to a plastic stand if necessary and placed on the wooden turntable, which enabled the engineer to maximize emissions through its placement in the three orthogonal axes.

2.2 EUT Exercising Software

There was no special software to exercise the device. Once the unit is powered up, it transmits the RF signal continuously.

2.3 Special Accessories

There are no special accessories necessary for compliance of this product.

2.4 Equipment Modification

Any modifications installed previous to testing by Amazilla Holding B.V. will be incorporated in each production model sold/leased in the United States.

No modifications were installed by Intertek Testing Services Hong Kong Ltd.

2.5 Measurement Uncertainty

When determining of the test conclusion, the Measurement Uncertainty of test has been considered.

INTERTEK TESTING SERVICES

2.6 Support Equipment List and Description

1. iPod nano (S/N: 6U9372J271Y) (Provided by Intertek)
2. Receiver (FCC ID: X5GIWING601R)
3. AC/DC adaptor (Model: PS06B-0501000U, input: AC 100-240V 50/60Hz 9W, output: DC 5V 1000mA).

3.0 **Emission Results**

Data is included of the worst case configuration (the configuration which resulted in the highest emission levels). A sample calculation, configuration photographs and data tables of the emissions are included.

3.1 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain (if any), Average Factor (optional) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF - AG - AV$$

where

FS = Field Strength in dB μ V/m

RA = Receiver Amplitude (including preamplifier) in dB μ V

CF = Cable Attenuation Factor in dB

AF = Antenna Factor in dB

AG = Amplifier Gain in dB

AV = Average Factor in dB

In the following table(s), the reading shown on the data table reflects the preamplifier gain. An example for the calculations in the following table is as follows:

$$FS = RR + LF$$

where

FS = Field Strength in dB μ V/m

RR = RA - AG - AV in dB μ V

LF = CF + AF in dB

Assume a receiver reading of 52.0 dB μ V is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB are added. The amplifier gain of 29 dB and average factor of 5 dB are subtracted, giving a field strength of 27 dB μ V/m. This value in dB μ V/m was converted to its corresponding level in μ V/m.

$$RA = 52.0 \text{ dB}\mu\text{V/m}$$

$$AF = 7.4 \text{ dB}$$

$$CF = 1.6 \text{ dB}$$

$$AG = 29.0 \text{ dB}$$

$$AV = 5.0 \text{ dB}$$

$$FS = RR + LF$$

$$FS = 18 + 9 = 27 \text{ dB}\mu\text{V/m}$$

$$RR = 18.0 \text{ dB}\mu\text{V}$$

$$LF = 9.0 \text{ dB}$$

$$\text{Level in } \mu\text{V/m} = \text{Common Antilogarithm } [(27 \text{ dB}\mu\text{V/m})/20] = 22.4 \mu\text{V/m}$$

INTERTEK TESTING SERVICES

3.2 Radiated Emission Configuration Photograph

The worst case in radiated emission was found at 43.592 MHz

For electronic filing, the worst case radiated emission configuration photographs are saved with filename: radiated photos.pdf.

3.3 Radiated Emission Data

The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Judgment: Passed by 5.6 dB

3.4 Conducted Emission Configuration Photograph

The worst case in line-conducted emission was found at 0.807 MHz

For electronic filing, the worst case line-conducted configuration photographs are saved with filename: conducted photos.pdf.

3.5 Conducted Emission Data

For electronic filing, the graph and data table of conducted emission is saved with filename: conducted.pdf.

Judgment: Passed by 10.30 dB

INTERTEK TESTING SERVICES

Applicant: Amazilla Holding B.V.
Model: IAR-601S
Worst-Case Operating Mode: Transmitting

Date of Test: February 04, 2010

Table 1

Radiated Emissions
Pursuant to FCC Part 15 Section 15.249 Requirement

Channel 1

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2404.000	73.7	33	29.4	70.1	94.0	-23.9
H	4808.000	44.5	33	34.9	46.4	54.0	-7.6
H	7212.000	34.0	33	37.9	38.9	54.0	-15.1
H	9616.000	31.0	33	40.4	38.4	54.0	-15.6
H	12020.000	30.5	33	40.5	38.0	54.0	-16.0

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2404.000	95.1	33	29.4	91.5	114.0	-22.5
H	4808.000	60.1	33	34.9	62.0	74.0	-12.0
H	7212.000	45.7	33	37.9	50.6	74.0	-23.4
H	9616.000	42.8	33	40.4	50.2	74.0	-23.8
H	12020.000	42.1	33	40.5	49.6	74.0	-24.4

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

INTERTEK TESTING SERVICES

Applicant: Amazilla Holding B.V.
Model: IAR-601S
Worst-Case Operating Mode: Transmitting

Date of Test: February 04, 2010

Table 2

Radiated Emissions
Pursuant to FCC Part 15 Section 15.249 Requirement

Channel 37

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2442.000	73.9	33	29.4	70.3	94.0	-23.7
H	4884.000	44.3	33	34.9	46.2	54.0	-7.8
H	7326.000	34.0	33	37.9	38.9	54.0	-15.1
H	9768.000	30.8	33	40.4	38.2	54.0	-15.8
H	12210.000	30.6	33	40.5	38.1	54.0	-15.9

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2442.000	94.8	33	29.4	91.2	114.0	-22.8
H	4884.000	60.2	33	34.9	62.1	74.0	-11.9
H	7326.000	45.5	33	37.9	50.4	74.0	-23.6
H	9768.000	42.8	33	40.4	50.2	74.0	-23.8
H	12210.000	42.0	33	40.5	49.5	74.0	-24.5

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

INTERTEK TESTING SERVICES

Applicant: Amazilla Holding B.V.
Model: IAR-601S
Worst-Case Operating Mode: Transmitting

Date of Test: February 04, 2010

Table 3

Radiated Emissions
Pursuant to FCC Part 15 Section 15.249 Requirement

Channel 76

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Average (dBμV/m)	Average Limit at 3m (dBμV/m)	Margin (dB)
H	2479.000	73.6	33	29.4	70.0	94.0	-24.0
H	4958.000	44.4	33	34.9	46.3	54.0	-7.7
H	7437.000	33.7	33	37.9	38.6	54.0	-15.4
H	9916.000	30.8	33	40.4	38.2	54.0	-15.8
H	12395.000	30.3	33	40.5	37.8	54.0	-16.2

Polarization	Frequency (MHz)	Reading (dBμV)	Pre-amp Gain (dB)	Antenna Factor (dB)	Net at 3m - Peak (dBμV/m)	Peak Limit at 3m (dBμV/m)	Margin (dB)
H	2479.000	95.0	33	29.4	91.4	114.0	-22.6
H	4958.000	60.3	33	34.9	62.2	74.0	-11.8
H	7437.000	45.5	33	37.9	50.4	74.0	-23.6
H	9916.000	42.8	33	40.4	50.2	74.0	-23.8
H	12395.000	41.7	33	40.5	49.2	74.0	-24.8

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

INTERTEK TESTING SERVICES

Applicant: Amazilla Holding B.V.
Model: IAR-601S
Worst-Case Operating Mode: On mode

Date of Test: February 04, 2010

Table 4

Radiated Emissions
Pursuant to FCC Part 15 Section 15.109 Requirement

Polarization	Frequency (MHz)	Reading (dB μ V)	Pre-amp (dB)	Antenna Factor (dB)	Net at 3m (dB μ V/m)	Limit at 3m (dB μ V/m)	Margin (dB)
V	38.474	39.7	16	10.0	33.7	40.0	-6.3
V	43.592	40.4	16	10.0	34.4	40.0	-5.6
V	48.104	39.0	16	11.0	34.0	40.0	-6.0
H	64.594	40.3	16	9.0	33.3	40.0	-6.7
H	108.256	34.5	16	14.0	32.5	43.5	-11.0
H	132.785	34.2	16	14.0	32.2	43.5	-11.3

NOTES: 1. Peak Detector Data unless otherwise stated.

2. All measurements were made at 3 meters. Harmonic emissions not detected at the 3-meter distances were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative sign in the column shows value below limit.

4. Horn antenna is used for the emission over 1000MHz.

* Emission within the restricted band meets the requirement of part 15.205.

INTERTEK TESTING SERVICES

4.0 **Equipment Photographs**

For electronic filing, the photographs are saved with filename: external photos.pdf and internal photos.pdf.

5.0 **Product Labelling**

For electronics filing, the FCC ID label artwork and the label location are saved with filename: label.pdf.

6.0 **Technical Specifications**

For electronic filing, the block diagram and schematic of the tested EUT are saved with filename: block.pdf and circuit.pdf respectively.

7.0 **Instruction Manual**

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: manual.pdf.

This manual will be provided to the end-user with each unit sold/leased in the United States.

8.0 **Miscellaneous Information**

The miscellaneous information includes details of the test procedure and measured bandwidth.

8.1 Measured Bandwidth

From the following plots, they show that the fundamental emissions are confined in the specified band (2400MHz - 2483.5MHz). In case of the fundamental emissions are within two standard bandwidths from the bandedge, the delta measurement technique is used for determining bandedge compliance. Standard bandwidth is the bandwidth specified by ANSI C63.4 (2003) for frequency being measured.

INTERTEK TESTING SERVICES

Emissions radiated outside of the specified frequency bands, except harmonics, are attenuated by 50dB below the level of the fundamental or to the general radiated emissions limits in Section 15.209, whichever is the lesser attenuation, which meet the requirement of part 15.249(d).

For electronic filing, the above plots are saved with filename: be.pdf

Peak Measurement

Bandedge compliance is determined by applying marker-delta method, i.e (Bandedge Plot).

Lower bandedge

Resultant field strength = Fundamental emissions (peak value) - delta from the plot
 $= 91.5\text{dB}\mu\text{V/m} - 44.01\text{dB} = 47.49\text{dB}\mu\text{V/m}$

Resultant field strength = Fundamental emissions (average value) - delta from the plot
 $= 70.1\text{dB}\mu\text{V/m} - 44.01\text{dB} = 26.09\text{dB}\mu\text{V/m}$

Upper bandedge

Resultant field strength = Fundamental emissions (peak value) - delta from the plot
 $= 91.4\text{dB}\mu\text{V/m} - 44.99\text{dB} = 46.41\text{dB}\mu\text{V/m}$

Resultant field strength = Fundamental emissions (average value) - delta from the plot
 $= 70.0\text{dB}\mu\text{V/m} - 44.99\text{dB} = 25.01\text{dB}\mu\text{V/m}$

The resultant field strength meets the general radiated emission limit in section 15.209, which does not exceed 74dB μ V/m (Peak Limit) and 54dB μ V/m (Average Limit).

8.2 Discussion Pulse Desensitivity

Pulse desensitivity is not applicable for this device. Since the transmitter transmits the RF signal continuously.

INTERTEK TESTING SERVICES

8.3 Emissions Test Procedures

The following is a description of the test procedure used by Intertek Testing Services Hong Kong Ltd. in the measurements of transmitter operating under the Part 15, Subpart C rules.

The test set-up and procedures described below are designed to meet the requirements of ANSI C63.4 - 2003. A typical or an unmodulated CW signal at the operating frequency of the EUT has been supplied to the EUT for all measurements. Such a signal is supplied by a signal generator and an antenna in close proximity to the EUT. The signal level is sufficient to stabilize the local oscillator of the EUT.

The transmitting equipment under test (EUT) is placed on a wooden turntable which is four feet in diameter and approximately one meter in height above the ground plane. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The EUT is adjusted through all three orthogonal axis to obtain maximum emission levels. The antenna height and polarization are also varied during the testing to search for maximum signal levels. The height of the antenna is varied from one to four meters.

Detector function for radiated emissions is in peak mode. Average readings, when required, are taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in Exhibit 8.3.

The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower. For line conducted emissions, the range scanned is 150 kHz to 30 MHz.

INTERTEK TESTING SERVICES

8.3 Emissions Test Procedures (cont'd)

The EUT is warmed up for 15 minutes prior to the test.

AC power to the unit is varied from 85% to 115% nominal and variation in the fundamental emission field strength is recorded. If battery powered, a new, fully charged battery is used.

Conducted measurements were made as described in ANSI C63.4 - 2003.

The IF bandwidth used for measurement of radiated signal strength was 100 kHz or greater when frequency is below 1000 MHz. Where pulsed transmissions of short enough pulse duration warrant, a greater bandwidth is selected according to the recommendations of Hewlett Packard Application Note 150-2. A discussion of whether pulse desensitivity is applicable to this unit is included in this report (See Exhibit 8.1). Above 1000 MHz, a resolution bandwidth of 1 MHz is used.

Transmitter measurements are normally conducted at a measurement distance of three meters. However, to assure low enough noise floor in the forbidden bands and above 1 GHz, signals are acquired at a distance of one meter or less. All measurements are extrapolated to three meters using inverse scaling, unless otherwise reported. Measurements taken at a closer distance are so marked.

9.0 **Confidentiality Request**

For electronic filing, a preliminary copy of the confidentiality request is saved with filename: request.pdf.

INTERTEK TESTING SERVICES

10.0 Equipment List

1) Radiated Emissions Test

Equipment	EMI Test Receiver	Biconical Antenna	Log Periodic Antenna
Registration No.	EW-0014	EW-0954	EW-0446
Manufacturer	R&S	EMCO	EMCO
Model No.	ESVS30	3104C	3146
Calibration Date	Jun. 01, 2009	Sep. 30, 2008	Oct. 02, 2008
Calibration Due Date	Jun. 01, 2010	Mar. 30, 2010	Apr. 02, 2010

Equipment	Spectrum Analyzer	Double Ridged Guide Antenna
Registration No.	EW-2188	EW-0194
Manufacturer	AGILENTTECH	EMCO
Model No.	E4407B	3115
Calibration Date	Dec. 25, 2009	Dec. 24, 2008
Calibration Due Date	Dec. 31, 2010	Jun. 24, 2010

2) Conducted Emissions Test

Equipment	EMI Test Receiver	LISN	Pulse Limiter
Registration No.	EW-2251	EW-0192	EW-0699
Manufacturer	R&S	R&S	R&S
Model No.	ESCI	ESH3-Z5	ESH3-Z2
Calibration Date	Oct. 22, 2009	Nov. 23, 2009	Dec. 24, 2009
Calibration Due Date	Oct. 22, 2010	Nov. 23, 2010	Jun. 24, 2011

3) Bandedge Measurement

Equipment	Spectrum Analyzer
Registration No.	EW-2329
Manufacturer	R&S
Model No.	FSP3
Calibration Date	26-Jun-2009
Calibration Due Date	26-Jun-2010