FCC Part 15 EMI TEST REPORT

of

E.U.T. : Personal belongings reminder

FCC ID :YXBWSAM

MODEL: WSA100M

for

APPLICANT: Wellshine Wireless Technology Co., Ltd.

ADDRESS: 8F-2, No.205, Fusing Rd., Taoyuan City, Taoyuan

County 330, Taiwan (R.O.C)

Test Performed by

ELECTRONICS TESTING CENTER, TAIWAN

NO.34, LIN 5, DINGFU TSUEN, LINKOU SHIANG TAIPEI COUNTY, TAIWAN, 24442, R.O.C.

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Report Number: 10-10-RBF-027-01

TEST REPORT CERTIFICATION

Applicant : Wellshine Wireless Technology Co., Ltd.

8F-2, No.205, Fusing Rd., Taoyuan City, Taoyuan County 330, Taiwan

(R.O.C)

Manufacturer : Wellshine Wireless Technology Co., Ltd.

8F-2, No.205, Fusing Rd., Taoyuan City, Taoyuan County 330, Taiwan

(R.O.C)

Description of EUT :

a) Type of EUT : Personal belongings reminder

b) Trade Name : Guard ur Angel

c) Model No. : WSA100M

d) Power Supply : I/P: 100-240V 0.15A O/P:5V 0.5A , Battery 3.7V 135mAh

e) Frequency Range : 916MHz

Regulation Applied : FCC Rules and Regulations Part 15 Subpart C (2009)

I HEREBY CERTIFY THAT: The data shown in this report were made in accordance with the procedures given in ANSI C63.4 (2003), and the energy emitted by the device was founded to be within the limits applicable. I assume full responsibility for accuracy and completeness of these data.

Note: 1. The result of the testing report relate only to the item tested.

2. The testing report shall not be reproduced expect in full, without the written approval of ETC.

Dec. 20, 2010 Issued Date:

Test Engineer:

(Falcon Shi, Engineer)

Check By: (Charles Wang, Supervisor)

Approve & Authorized Signer:

Will Yauo, Manager EMC Dept. II of ELECTRONICS TESTING CENTER, TAIWAN

Table of Contents	Page
1 GENERAL INFORMATION	1
1.1 Product Description	1
1.2 Characteristics of Device	1
1.3 Test Methodology	1
1.4 Test Facility	1
2 PROVISIONS APPLICABLE	2
2.1 Definition	2
2.2 Requirement for Compliance	3
2.3 Restricted Bands of Operation	5
2.4 Labeling Requirement	5
2.5 User Information	6
3 SYSTEM TEST CONFIGURATION	7
3.1 Justification	7
3.2 Devices for Tested System	7
4 RADIATED EMISSION MEASUREMENT	8
4.1 Applicable Standard	8
4.2 Measurement Procedure	8
4.3 Measuring Instrument	11
4.4 Radiated Emission Data	12
4.5 Field Strength Calculation	14
4.6 Photos of Radiation Measuring Setup	
5 CONDUCTED EMISSION MEASUREMENT	17
5.1 Standard Applicable	17
5.2 Measurement Procedure	17
5.3 Conducted Emission Data	
5.4 Result Data Calculation	20
5.5 Conducted Measurement Equipment	20
5.6 Photos of Conduction Measuring Setup	21
6 ANTENNA REQUIREMENT	22
6.1 Standard Applicable	
6.2 Antenna Construction	22
7 BAND EDGES MEASUREMENT	23
7.1 Standard Applicable	23
7.2 Measurement Procedure	23

7.3	Measurement Equipment.	23
7.4	Measurement Data	24

ETC Report No.: 10-10-RBF-027-01

Sheet 1 of 25 Sheets
FCC ID.: YXBWSAM

1 GENERAL INFORMATION

1.1 Product Description

a) Type of EUT : Personal belongings reminder

b) Trade Name : Guard ur Angel

c) Model No. : WSA100M

d) Power Supply : I/P: 100-240VAC 50/60Hz 0.15A; O/P:5V 0.5A,

Battery 3.7V 135mAh

1.2 Characteristics of Device

a) Distance Sensor : RSSI definition on both Master and Slave

RSSI setup by real environment to meet 3 meters +-1

b) Alarm : RSSI out of range and initial alarm

G sensor vibration initiated Button initiation by 3 seconds

Buzzer alarm level by 90~95dB based on environment

c) Battery Life : 140mAh battery built in Master and Slave

3 hours continuous working @ linking and alarm by 90dB

Standby (off mode) -3 days

d) Charging : 5V, 500mA from power adapter or Notebook/PC

Rapid charging by 30 mins

1.3 Test Methodology

Both conducted and radiated emissions were performed according to the procedures illustrated in ANSI C63.4 (2003). Other required measurements were illustrated in separate sections of this test report for details.

1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located on the roof top of Building at NO.34, LIN 5, DINGFU TSUEN, LINKOU SHIANG TAIPEI COUNTY, TAIWAN, 24442, R.O.C.

This site has been fully described in a report submitted to your office, and accepted in a letter dated Aug. 05, 2008.

2 PROVISIONS APPLICABLE

2.1 Definition

Unintentional radiator:

A device that intentionally generates and radio frequency energy for use within the device, or that sends radio frequency signals by conduction to associated equipment via connecting wiring, but which is not intended to emit RF energy by radiation or induction.

Class A Digital Device:

A digital device which is marketed for use in commercial or business environment; exclusive of a device which is market for use by the general public, or which is intended to be used in the home.

Class B Digital Device:

A digital device which is marketed for use in a residential environment notwithstanding use in a commercial, business of industrial environment. Example of such devices that are marketed for the general public.

Note: A manufacturer may also qualify a device intended to be marketed in a commercial, business, or industrial environment as a Class B digital device, and in fact is encouraged to do so, provided the device complies with the technical specifications for a Class B Digital Device. In the event that a particular type of device has been found to repeatedly cause harmful interference to radio communications, the Commission may classify such a digital device as a Class B Digital Device, Regardless of its intended use.

Intentional radiator:

A device that intentionally generates and emits radio frequency energy by radiation or induction.

2.2 Requirement for Compliance

(1) Conducted Emission Requirement

Except for Class A digital devices, for equpment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band $150 \mathrm{kHz}$ to $30 \mathrm{MHz}$ shall not exceed the limits in the following table, as measured using a $50 \mu \mathrm{H}/50$ ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency MHz	Quasi Peak dB μ V	Average dB μ V
0.15 - 0.5	66-56*	56-46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

^{*} Decreases with the logarithm of the frequency

(2) Radiated Emission Requirement

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency MHz	Distance Meters	Radiated dB μ V/m	Radiated μV/m
30-88	3	40.0	100
88-216	3	43.5	150
216-960	3	46.0	200
Above 960	3	54.0	500

For intentional radiator device, per §15.249(a), the field strength of emissions shall comply with the following:

Frequency	Distance	Funda	mental	Harn	nonic
MHz	Meters	$dB \mu V/m$	mV/m	$dB \mu V/m$	$\mu \mathrm{V/m}$
902 - 928	3	94	50	54	500
2400 - 2483.5	3	94	50	54	500
5725 - 5875	3	94	50	54	500
24000 - 24250	3	108	250	68	2500

In accordance with §15.249(d), limits shown in above table are based on average limits for frequencies above 1000 MHz, and frequencies below 1000 MHz are based on quasi peak. However, the peak field strength of any emission shall not exceed the maximum permitted average limits by more than 20 dB.

(3) Spurious in Out Band Requirement

For intentional device, according to §15.249 (c), emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of fundamental or to the general radiated emission limits in §15.209.

(4) Antenna Requirement

For intentional device, according to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

2.3 Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42-16.423	399.9-410	4.5-5.15
0.495 - 0.505 **	16.69475 - 16.69525	608-614	5.35-5.46
2.1735 - 2.1905	16.80425 - 16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475 - 156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2655-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3360-4400	Above 38.6
13.36-13.41			

^{** :} Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

2.4 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Sheet 6 of 25 Sheets FCC ID.: YXBWSAM

2.5 User Information

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For a Class B digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual.

The Federal Communications Commission Radio Frequency Interference Statement includes the following paragraph.

This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio / TV technician for help.

3 SYSTEM TEST CONFIGURATION

3.1 Justification

All measurements were intentional to maximum the emissions from EUT by varying the connection cables (if applicabel), therefore the test result is sure to meet the applicable requirement.

3.2 Devices for Tested System

Device	Manufacture	Model / FCC ID.	Description
Personal belongings	Wellshine Wireless	WSA100M /	0.8m Unshielded Usb
reminder *	Technology Co., Ltd.	YXBWSAM	Cable

Remark "*" means equipment under test.

ETC Report No.: 10-10-RBF-027-01

Sheet 8 of 25 Sheets
FCC ID.: YXBWSAM

4 RADIATED EMISSION MEASUREMENT

4.1 Applicable Standard

For intentional radiators, according to §15.249 (a), operation within the frequency band of 2.4 to 2.4835 GHz, the fundamental field strength shall not exceed 94 dBuV/m and the harmonics shall not exceed 54 dBuV/m. For out band emission except for harmonics shall be comply with §15.209 or at least attenuated by 50 dB below the level of the fundamental.

4.2 Measurement Procedure

A. Preliminary Measurement For Portable Devices

For portable devices, the following procedure was performed to determine the maximum emission axis of EUT:

- 1. With the receiving antenna is H polarization, rotate the EUT in turns with three orthogonal axes to determine the axis of maximum emission.
- 2. With the receiving antenna is V polarization, rotate the EUT in turns with three orthogonal axes to determine the axis of maximum emission.
- 3. Compare the results derived from above two steps. So, the axis of maximum emission from EUT was determined and the configuration was used to perform the final measurement.

B. Final Measurement

- 1. Setup the configuration per figure 1 and 2 for frequencies measured below and above 1 GHz respectively. Turn on EUT and make sure that it is in normal function.
- 2. For emission frequencies measured below 1 GHz, a pre-scan is performed in a shielded chamber to determine the accurate frequencies of higher emissions will be checked on a open test site. As the same purpose, for emission frequencies measured above 1 GHz, a pre-scan also be performed with a 1 meter measuring distance before final test.
- 3. For emission frequencies measured below and above 1 GHz, set the spectrum analyzer on a 100 kHz and 1 MHz resolution bandwidth respectively for each frequency measured in step 2.

ETC Report No. : 10-10-RBF-027-01

Sheet 9 of 25 Sheets FCC ID.: YXBWSAM

4. The search antenna is to be raised and lowered over a range from 1 to 4 meters in horizontally polarized orientation. Position the highness when the highest value is indicated on spectrum analyzer, then change the orientation of EUT on test table over a range from 0° to 360° with a speed as slow as possible, and keep the azimuth that highest emission is indicated on the spectrum analyzer. Vary the antenna position again and record the highest value as a final reading. A RF test receiver is also used to confirm emissions measured.

- 5. Repeat step 4 until all frequencies need to be measured were complete.
- 6. Repeat step 5 with search antenna in vertical polarized orientations.
- 7. Check the three frequencies of highest emission with varying the placement of cables (if any) associated with EUT to obtain the worse case and record the result.

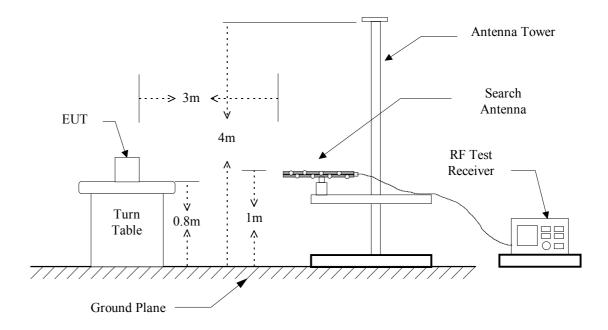
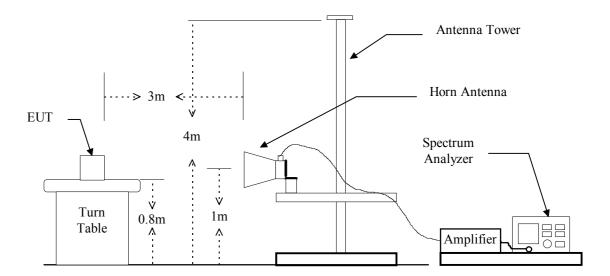


Figure 1: Frequencies measured below 1 GHz configuration

Figure 2: Frequencies measured above 1 GHz configuration



4.3 Measuring Instrument

The following instrument are used for radiated emissions measurement:

Equipment	Manufacturer	Model No.	Calibration Date	Next Cal. Date
Test Receiver	Rohde & Schwarz	ESCI	2010/02/03	2011/02/02
Spectrum	Advantest	R3162	2010/03/01	2011/02/28
Bi-Log Antenna	Schaffner	CBL 6111	2010/05/21	2011/05/20
Log-periodic Antenna	EMCO	3146	2010/10/11	2011/10/10
Biconical Antenna	EMCO	3110B	2010/10/11	2011/10/10
Double Ridged Antenna	EMCO	3115	2010/05/11	2011/05/10
Amplifier	НР	8449B	2009/12/16	2010/12/15
Amplifier	НР	83051A	2010/05/13	2011/05/12
Amplifier	НР	8447D	2010/05/10	2011/05/09
Spectrum	Rohde & Schwarz	FSP40	2010/09/17	2011/09/16

Measuring instrument setup in measured frequency band when specified detector function is used:

Frequency Band	Instrument	Function	Resolution	Video
(MHz)			bandwidth	Bandwidth
30 to 1000	RF Test Receiver	Quasi-Peak	120 kHz	N/A
30 to 1000	Spectrum Analyzer	Peak	100 kHz	100 kHz
Above 1000	e 1000 Spectrum Analyzer		1 MHz	1 MHz
	Spectrum Analyzer	Average	1 MHz	10 Hz

ETC Report No.: 10-10-RBF-027-01

Sheet 12 of 25 Sheets
FCC ID.: YXBWSAM

4.4 Radiated Emission Data

4.4.1 RF Portion

Operation Mode : <u>Transmitting</u>; <u>EUT keep flat on table</u>

Fundamental Frequency : 916 MHz (Local Frequency : 916 MHz)

Test Date : Dec. 05, 2010 Temperature : 22 °C Humidity : 67 %

Frequency		Reading	(dBuV)		Factor	Result @3m		Limit @3m		Margin	Table	Ant.
		Н	V		(dB)	(dBu	V/m)	(dBu	V/m)	(dB)	Deg	High
(MHz)	Peak	Ave	Peak	Ave	Corr.	Peak	Ave	Peak	Ave.		(Deg.)	(m)
916.004	90.2	***	84.4	***	2.4	92.6	***	114.0	94.0	-1.4	67	1.10
1831.970	60.3	***	56.8	***	-9.1	51.2	***	74.0	54.0	-2.8	93	1.20
2748.080	64.0	56.1	58.3	***	-5.8	58.2	50.3	74.0	54.0	-3.7	192	1.10
3664.130	50.2	***	57.2	51.2	-2.6	54.6	48.6	74.0	54.0	-5.4	89	1.00
4580.168			-	-		-		74.0	54.0			-
5496.217			-					74.0	54.0			
6412.266								74.0	54.0			
7328.314			-	-		-		74.0	54.0			
8244.363								74.0	54.0			
9160.412						-		74.0	54.0			

Operation Mode : Receiving; EUT keep flat on table

Fundamental Frequency: Local Frequency: 916 MHz

Test Date : Dec. 05, 2010 Temperature : 22 °C Humidity : 67 %

ı	requency	Reading (dBuV)			eading (dBuV) Factor Result @3m		Limit @3m			Table	Ant.		
		Н		H V		(dB)	(dBuV/m)		(dBuV/m)		(dB)	Deg. (Deg.)	High
	(MHz)	Peak	Ave	Peak	Ave	Corr.	Peak	Ave	Peak	Ave		('5)	(m)
*	916.000								74.0	54.0			
*	1832.000				1				74.0	54.0			
*	2748.000								74.0	54.0			
*	3664.000						-		74.0	54.0		-	
*	4580.000								74.0	54.0			

Note:

- 1. Item of margin shown in above table refer to average limit.
- 2. It is considered that the results of average comply with average limit when measuring data with a peak function detector meet the average limit. Mark "***" means that Peak result is meet average limit.
- 3. Remark "---" means that the emissions level is too low to be measured.
- 4. Remark "*" means the local oscillator frequency and its harmonics.
- 5. Item "Margin" referred to Average limit while there is only peak result.
- 6. The expanded uncertainty of the radiated emission tests is 3.53 dB.

ETC Report No.: 10-10-RBF-027-01

Sheet 13 of 25 Sheets
FCC ID.: YXBWSAM

4.4.2 Other Emissions

a) Emission frequencies below 1 GHz

Operation Mode: Charging Mode

Test Date : <u>Dec. 05, 2010</u> Temperature : <u>22</u> °C Humidity: 67 %

Frequency	Ant-Pol	Meter	Corrected	Result	Limit	Margin	Table	Ant.
		Reading	Factor	@3m	@3m	(dB)	Degree	High
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)		(Deg.)	(m)
32.97	V	10.0	14.4	24.4	40.0	-15.6	113	1.0
95.34	V	14.0	11.2	25.2	43.5	-18.3	178	1.0
134.49	V	10.2	13.7	23.9	43.5	-19.6	287	1.0
173.37	V	9.0	15.4	24.4	43.5	-19.1	175	1.0
205.50	V	7.7	18.6	26.3	43.5	-17.2	306	1.2
241.14	V	8.4	19.8	28.2	46.0	-17.8	260	1.0

Operation Mode: Normal Link; EUT keep flat on table

Test Date : <u>Dec. 05, 2010</u> Temperature : <u>22</u> °C Humidity: 67 %

Frequency	Ant-Pol	Meter	Corrected	Result	Limit	Margin	Table	Ant.
		Reading	Factor	@3m	@3m	(dB)	Degree	High
(MHz)	H/V	(dBuV)	(dB)	(dBuV/m)	(dBuV/m)		(Deg.)	(m)
32.97	V	11.2	14.4	25.6	40.0	-14.4	72	1.0
95.34	V	14.5	11.2	25.7	43.5	-17.8	108	1.1
134.49	V	10.3	13.7	24.0	43.5	-19.5	270	1.0
173.37	V	8.8	15.4	24.2	43.5	-19.3	215	1.1
205.50	V	8.5	18.6	27.1	43.5	-16.4	358	1.2
241.14	V	10.0	19.8	29.8	46.0	-16.2	147	1.0

Note:

- 1. Remark "---" means that the emissions level is too low to be measured.
- 2. The expanded uncertainty of the radiated emission tests is 3.53 dB.
- b) Emission frequencies above 1 GHz

Radiated emission frequencies above 1 GHz to 25 GHz were too low to be measured with a pre-amplifier of 35 dB.

4.5 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor, High Pass Filter Loss (if used) and Cable Loss, and subtracting the Amplifier Gain (if any) from the measured reading. The basic equation calculation is as follows:

Result = Reading + Corrected Factor

where Corrected Factor

= Antenna FACTOR + Cable Loss + High Pass Filter Loss - Amplifier Gain

4.6 Photos of Radiation Measuring Setup

Charging Mode





Normal Link





5 CONDUCTED EMISSION MEASUREMENT

5.1 Standard Applicable

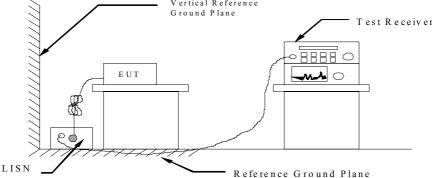
For unintentional and intentional device, Line Conducted Emission Limits are in accordance to §15.107(a) and §15.207(a) respectively.

5.2 Measurement Procedure

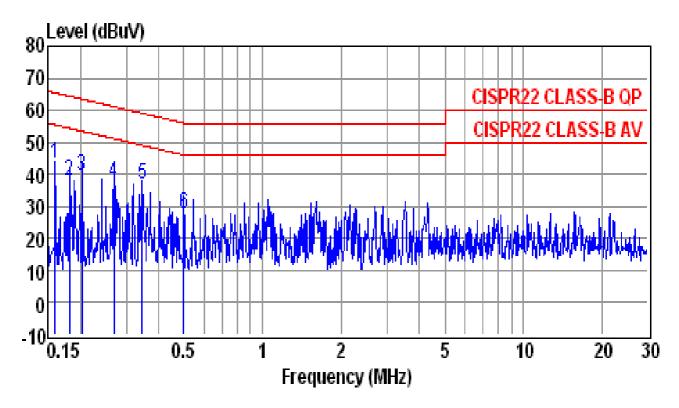
- 1. Setup the configuration per figure 3.
- 2. A preliminary scan with a spectrum monitor is performed to identify the frequency of emission that has the highest amplitude relative to the limit by operating the EUT in selected modes of operation, typical cable positions, and with a typical system configuration.
- 3. Record the 6 or 8 highest emissions relative to the limit.
- 4. Measure each frequency obtained from step 3 by a test receiver set on quasi peak detector function, and then records the accuracy frequency and emission level. If all emissions measured in the specified band are attenuated more than 20 dB from the limit, this step would be ignored, and the peak detector function would be used.
- 5. Confirm the highest three emissions with variation of the EUT cable configuration and record the final data.
- 6. Repeat all above procedures on measuring each operation mode of EUT.

Figure 3 : Conducted emissions measurement configuration

Vertical Reference



5.3 Conducted Emission Data



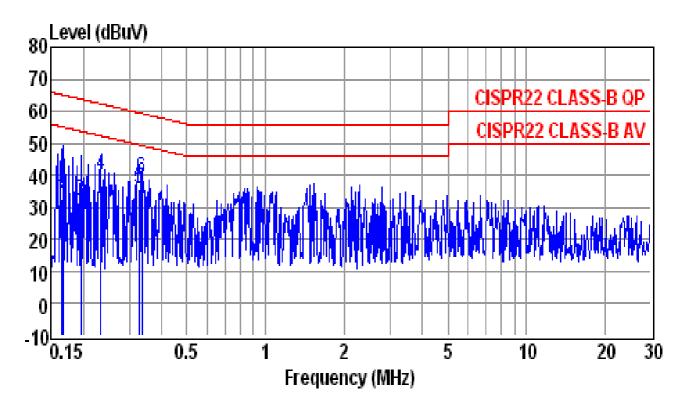
Memo : Memo :

Freq (MHz)	Reading (dBuV)	Factor (dB)	Emission Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Remark
0.1599	42.97	0.23	43.20	65.47	-22.27	QP
0.1815	37.90	0.24	38.14	64.42	-26.28	QP
0.2029	39.20	0.24	39.44	63.49	-24.05	QP
0.2687	37.03	0.24	37.27	61.16	-23.89	QP
0.3465	36.81	0.26	37.07	59.05	-21.98	QP
0.4994	27.72	0.27	27.99	56.01	-28.02	QP

Note:

1. Result = Reading + Factor

2. Factor = LISN Factor + Cable Loss



Site : conducted #1 Date : 12-05-2010

Memo : Memo :

Freq (MHz)	Reading (dBuV)	Factor (dB)	Emission Level (dBuV)	Limit Line (dBuV)	Over Limit (dB)	Remark
0.1650	32.53	0.23	32.76	65.21	-32.45	QP
0.1677	33.74	0.23	33.97	65.08	-31.11	QP
0.1955	31.81	0.24	32.05	63.80	-31.75	QP
0.2341	40.05	0.24	40.29	62.30	-22.01	QP
0.3269	35.70	0.26	35.96	59.53	-23.57	QP
0.3356	38.58	0.26	38.84	59.31	-20.47	QP

Note:

- 1. Result = Reading + Factor
- 2. Factor = LISN Factor + Cable Loss

Sheet 20 of 25 Sheets FCC ID.: YXBWSAM

5.4 Result Data Calculation

The result data is calculated by adding the LISN Factor to the measured reading. The basic equation with a sample calculation is as follows:

$$RESULT = READING + LISN FACTOR$$

Assume a receiver reading of 22.5 dB μ V is obtained, and LISN Factor is 0.1 dB, then the total of disturbance voltage is 22.6 dB μ V.

RESULT = 22.5 + 0.1 = 22.6 dB
$$\mu$$
 V
Level in μ V = Common Antilogarithm[(22.6 dB μ V)/20]
= 13.48 μ V

5.5 Conducted Measurement Equipment

The following test equipment are used during the conducted test.

Equipment	Manufacturer	Model No.	Calibration Date	Next Cal. Date
EMI Test Receiver	Rohde & Schwarz	ESCI	2010/02/03	2011/02/02
LISN	EMCO	3825/2	2010/08/17	2011/09/16
LISN	Rohde & Schwarz	ESH2-Z5	2010/08/10	2011/08/09

5.6 Photos of Conduction Measuring Setup





6 ANTENNA REQUIREMENT

6.1 Standard Applicable

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

6.2 Antenna Construction

The antenna is permanently mounted on the main PCB, no consideration of replacement. Please see photos submitted in Exhibit B.

7 BAND EDGES MEASUREMENT

7.1 Standard Applicable

According to 15.249(d), out band emission except for harmonics shall be comply with §15.209 or at least attenuated by 50 dB below the level of the fundamental.

7.2 Measurement Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Position the EUT as shown in figure 4 without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range and make sure the instrument is operated in its linear range.
- 3. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- 4. Repeat above procedures until all measured frequencies were complete.

7.3 Measurement Equipment

Equipment	Manufacturer	Model No.	Calibration Date	Next Cal. Date	
Test Receiver	Rohde & Schwarz	ESCI	2010/02/03	2011/02/02	
Spectrum	Advantest	R3162	2010/03/01	2011/02/28	
Bi-Log Antenna	Schaffner	CBL 6111	2010/05/21	2011/05/20	
Log-periodic Antenna	EMCO	3146	2010/10/11	2011/10/10	
Biconical Antenna	EMCO	3110B	2010/10/11	2011/10/10	
Double Ridged Antenna	EMCO	3115	2010/05/11	2011/05/10	
Amplifier	НР	8449B	2009/12/16	2010/12/15	
Amplifier	НР	83051A	2010/05/13	2011/05/12	
Amplifier	НР	8447D	2010/05/10	2011/05/09	
Spectrum	Rohde & Schwarz	FSP40	2010/09/17	2011/09/16	

ETC Report No.: 10-10-RBF-027-01

Sheet 24 of 25 Sheets
FCC ID.: YXBWSAM

7.4 Measurement Data

Test Result:

- 1. Lower band edge: Emission radiated outside of the lower band edge which is not attenuated by at least 50dB below the level of the fundamental was found comply with §15.209.
- 2. Upper band edge: Emission radiated outside of the lower band edge which is not attenuated by at least 50dB below the level of the fundamental was found comply with §15.209.

Note : The expanded uncertainty of the band edges tests is 1000Hz.

