



RADIO TEST REPORT

Test Report No. : 27GE0318-HO-A

Applicant : Sharp Corporation,
Communication Systems Group.

Type of Equipment : GSM 900 / 1800 / 1900 GPRS phone /
Bluetooth Enable

Model No. : GX33

FCC ID : APYHRO00058

Test standard : FCC Part 15 Subpart C 2007
Section 15.207, Section 15.247

Test Result : Complied

1. This test report shall not be reproduced in full or partial, without the written approval of UL Japan, Inc.
2. The results in this report apply only to the sample tested.
3. This sample tested is in compliance with the above regulation.
4. The test results in this report are traceable to the national or international standards.

Date of test:

June 5 to 12, 2007

Tested by:

T. Shimada

Takumi Shimada
EMC Services

T. Sasagawa

Tomotaka Sasagawa
EMC Services

Approved by :

H. Shimoji

Hironobu Shimoji
Assistant Manager of EMC Services



NVLAP LAB CODE: 200572-0

This laboratory is accredited by the NVLAP LAB CODE 200572-0, U.S.A. The tests reported herein have been performed in accordance with its terms of accreditation.
*As for the range of Accreditation in NVLAP, you may refer to the WEB address, <http://uljapan.co.jp/emc/nvlap.htm>

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

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SECTION 1: Client information

Company Name : Sharp Corporation, Communication Systems Group.
Address : 2-13-1 Iida Hachihonmatsu Higashihiroshima-City, Hiroshima
739-0192 Japan
Telephone Number : +81-82-420-1837
Facsimile Number : +81-82-420-1654
Contact Person : Noboru Ueno

SECTION 2: Equipment under test (E.U.T.)

2.1 Identification of E.U.T.

Type of Equipment : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
Model No. : GX33
Serial No. : 004401/11/053498/5, 004401/11/053500/8
Rating : AC120V/60Hz
Country of Manufacture : Japan
Receipt Date of Sample : May 28, 2007
Condition of EUT : Production prototype
(Not for Sale: This sample is equivalent to mass-produced items.)
Modification of EUT : No modification by the test lab.

2.2 Product Description

Model No: GX33 (referred to as the EUT in this report) is the GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable.
This test report covers only Bluetooth part of the EUT.

<Bluetooth Specification>

Clock frequency in the system : 26MHz
Equipment Type : Transceiver
Frequency of Operation : 2402-2480MHz
Bandwidth & Channel spacing : 1MHz & 1MHz / CH
Modulation : GFSK, FHSS
Power Supply (inner) : 2.9V(BT Module only)
3.7 - 4.0V (Nominal Voltage)
Antenna Type : Internal antenna
Antenna Connector Type : spring connector
Antenna Gain : 1.5dBi(max)

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SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification : FCC Part15 Subpart C : 2007
Title : FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators
Section 15.207 Conducted limits
Section 15.247 Operation within the bands 902-928MHz,
2400-2483.5MHz, and 5725-5850MHz

FCC 15.31 (e)

This EUT provides stable voltage(DC2.9V) constantly to RF Module regardless of input voltage. Therefore, this EUT complies with the requirement.

FCC Part 15.203 Antenna requirement

It is impossible for end users to replace the antenna, because the antenna is mounted inside of the EUT. Therefore, the equipment complies with the antenna requirement of Section 15.203.

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3.2 Procedures and results

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst Margin	Results
1	Conducted emission	ANSI C63.4:2003 7. AC powerline conducted emission measurements	Section 15.207	-	N/A	12.8dB 0.98074 MHz QP, L	Complied
2	Carrier Frequency Separation	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)	Conducted	N/A	See data.	Complied
3	20dB Bandwidth	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)	Conducted	N/A		Complied
4	Number of Hopping Frequency	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)(iii)	Conducted	N/A		Complied
5	Dwell time	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)(iii)	Conducted	N/A		Complied
6	Maximum Peak Output Power	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(b)(1)	Conducted	N/A		Complied
7	Band Edge Compliance	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(d)	Conducted	N/A		Complied
8	Spurious Emission	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(d)	Conducted/ Radiated	N/A	6.2 dB 2483.5MHz, Ver, AV	Complied

Note: UL Japan, Inc.'s EMI Work Procedures No.QPM05 and QPM15.

*These tests were also referred to FCC Public Notice DA 00-705 "Guidance on Measurement for Frequency Hopping Spread Spectrum Systems".

*These tests were performed without any deviations from test procedure except for additions or exclusions.

3.3 Additions or deviations to standards

No addition, deviation, nor exclusion has been made from standards.

3.4 Uncertainty

Conducted Emission

The measurement uncertainty (with a 95% confidence level) for this test is ± 2.66 dB.
The data listed in this test report has enough margin, more than the site margin.

Spurious Emission (Radiated)

The measurement uncertainty (with a 95% confidence level) for this test using Biconical antenna is ± 4.59 dB(3m).
The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is ± 4.62 dB(3m).
The measurement uncertainty (with a 95% confidence level) for this test using Horn antenna is ± 5.27 dB.
The data listed in this test report has enough margin, more than the site margin.

Other test except Conducted Emission and Spurious Emission (Radiated)

The measurement uncertainty (with a 95% confidence level) for this test is ± 3.0 dB.

3.5 Test Location

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	FCC Registration Number	IC Registration Number	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Other rooms
No.1 semi-anechoic chamber	313583	IC4247A	19.2 x 11.2 x 7.7m	7.0 x 6.0m	Preparation room
No.2 semi-anechoic chamber	655103	IC4247A-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 semi-anechoic chamber	148738	IC4247A-3	12.0 x 8.5 x 5.9m	6.8 x 5.75m	
No.3 shielded room	-	-	4.0 x 6.0 x 2.7m	N/A	-
No.4 semi-anechoic chamber	134570	IC4247A-4	12.0 x 8.5 x 5.9m	6.8 x 5.75m	-
No.4 shielded room	-	-	4.0 x 6.0 x 2.7m	N/A	-
No.5 semi-anechoic chamber	-	-	6.0 x 6.0 x 3.9m	N/A	-
No.6 shielded room	-	-	4.0 x 4.5 x 2.7m	4.75 x 5.4 m	-
No.6 measurement room	-	-	4.75 x 5.4 x 3.0m	4.75 x 4.15 m	-
No.7 shielded room	-	-	4.7 x 7.5 x 2.7m	4.7 x 7.5m	-
No.8 measurement room	-	-	3.1 x 5.0 x 2.7m	N/A	-

* Size of vertical conducting plane (for Conducted Emission test) : 2.0 x 2.0m for No.1, No.2, No.3, and No.4 semi-anechoic chambers and No.3 and No.4 shielded rooms.

3.6 Test set up, Test instruments and Data of EMI

Refer to APPENDIX 1 to 3.

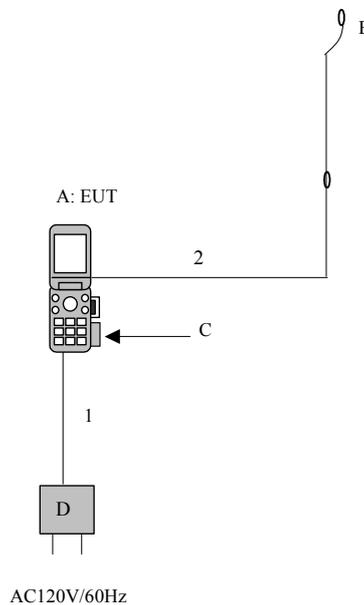
SECTION 4: Operation of E.U.T. during testing

4.1 Operating Modes

The mode used for test : Transmitting mode (Packet size DH5, Data packet: PRBS9)
- Low Channel : 2402MHz
- Mid Channel : 2441MHz
- High Channel : 2480MHz
Inquiry mode

Remarks: Test was not performed at AFH mode, because the decrease of number of channel (min: 20ch) at AFH mode does not influence on the output power and bandwidth of the EUT. However, the limit level 125mWof AFH mode was used for the test.

4.2 Configuration and peripherals



Description of Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable	GX33	004401/11/053498/5 *1), 004401/11/053500/8 *2)	Sharp Corporation	EUT
B	Hands free Kit	XN-1ER33	-	HOSIDEN	EUT
C	Rechargeable Lithium-Ion Battery	XN-1BT33	-	SANYO	EUT
D	AC Charger	XN-1QC83	-	HOSIDEN	EUT

*1) Used for Antenna Terminal tests

*2) Used for Conducted and Radiated emission tests

List of cables used

No.	Name	Length (m)	Shield	
			Cable	Connector
1	Cable for AC Charger	1.5	Unshielded	Unshielded
2	Cable for Hands free Kit	1.2	Unshielded	Unshielded

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on a urethane platform of nominal size, 1.0m by 1.0m, raised 80cm above the conducting ground plane. The rear of tabletop was located 40cm to the vertical conducting plane. The rear of EUT, including peripherals aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80cm from any other grounded conducting surface. EUT was located 80cm from a Line Impedance Stabilization Network (LISN)/ Artificial mains Network (AMN) and excess AC cable was bundled in center.

For the tests on EUT with other peripherals (as a whole system)

I/O cable and AC cables that were connected to the peripherals were bundled in center. They were folded back and forth forming a bundle 30cm to 40cm long and were hanged at a 40cm height to the ground plane. All unused 50ohm connectors of the LISN(AMN) were resistivity terminated in 50ohm when not connected to the measuring equipment.

The AC Mains Terminal Continuous disturbance Voltage has been measured with the EUT in a Semi Anechoic Chamber or a Measurement Room.

The EUT was connected to a LISN (AMN).

An overview sweep with peak detection has been performed.

Detector : quasi-peak and average detector (IF BW 9 kHz)
Measurement range : 0.15-30MHz
Test data : APPENDIX 2
Test result : Pass

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SECTION 6: Spurious Emission

[Conducted]

Test Procedure

The Out of Band Emission was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 2

Test result : Pass

[Radiated]

Test Procedure

EUT was placed on a urethane platform of nominal size, 1.0m by 1.0m, raised 80cm above the conducting ground plane. The Radiated Electric Field Strength intensity has been measured in a Semi Anechoic Chamber with a ground plane and at a distance of 3m(Below 10GHz) and 1m(Upper 10GHz).

The height of the measuring varied between 1 and 4m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.

The measurements were performed for both vertical and horizontal antenna polarization with the Test Receiver, or the Spectrum Analyzer (in linear mode).

The test was made with the detector (RBW/VBW) in the following table.

When using Spectrum analyzer, the test was made with adjusting span to zero by using peak hold.

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator confirmed 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on a radiated measurement.

20dBc was applied to the frequency over the limit of FCC 15.209 and outside the restricted band of FCC15.205.

Frequency	Below 1GHz	Above 1GHz
Instrument used	Test Receiver / Spectrum Analyzer	Spectrum Analyzer
Detector	QP: BW 120kHz(T/R)	PK: RBW:1MHz/VBW: 1MHz
IF Bandwidth	20dBc : RBW: 100kHz VBW: 300kHz (S/A)	AV: RBW:1MHz/VBW:10Hz 20dBc : RBW:100kHz/VBW:300kHz

- The carrier level and noise levels were confirmed at each position of X, Y and Z axes of EUT to see the position of maximum noise, and the test was made at the position that has the maximum noise.

Test data : APPENDIX 2

Test result : Pass

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SECTION 7: Bandwidth

Test Procedure

The bandwidth was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 2
Test result : Pass

SECTION 8: Maximum Peak Output Power

Test Procedure

The Maximum Peak Output Power was measured with a power meter (tested bandwidth: 50MHz) connected to the antenna port.

Test data : APPENDIX 2
Test result : Pass

SECTION 9: Carrier Frequency Separation

Test Procedure

The carrier frequency separation was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 2
Test result : Pass

SECTION 10: Number of Hopping Frequency

Test Procedure

The Number of Hopping Frequency was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 2
Test result : Pass

SECTION 11: Dwell time

Test Procedure

The Dwell time was measured with a spectrum analyzer connected to the antenna port.

Test data : APPENDIX 2
Test result : Pass

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Facsimile : +81 596 24 8124

APPENDIX 1: Photographs of test setup

Conducted Emission

This page has been submitted for a separate exhibit.

Spurious Emission (Radiated)

This page has been submitted for a separate exhibit.

Worst Case Position (Horizontal: X-axis/ Vertical:Z-axis)

This page has been submitted for a separate exhibit.

APPENDIX 2: Data of EMI test

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
 Date : 2007/06/12

Company	: Sharp Corporation	Report No.	: 27GE0318-HO
Kind of EUT	: GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable	Power	: AC120V / 60Hz
Model No.	: GX33	Temp./Humi.	: 25deg. C / 60%
Serial No.	: 004401/11/053500/8	Operator	: Takumi Shimada

Mode / Remarks : Tx 2402MHz DH5

LIMIT : FCC15.207 QP
 FCC15.207 AV

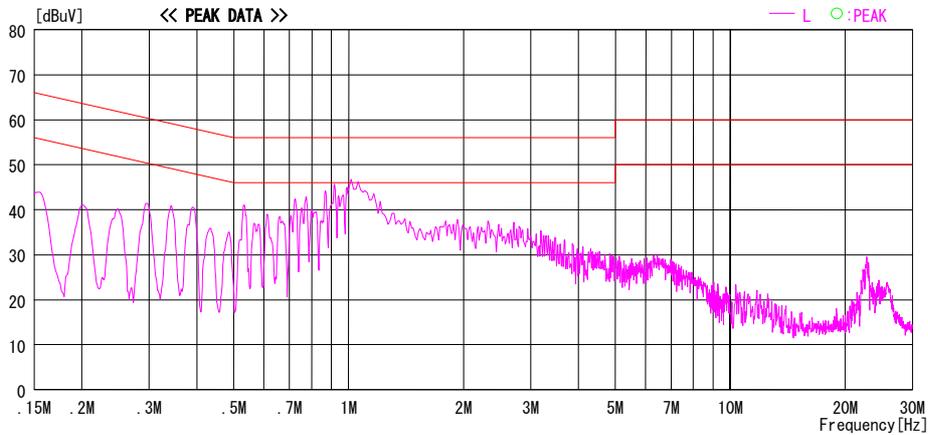
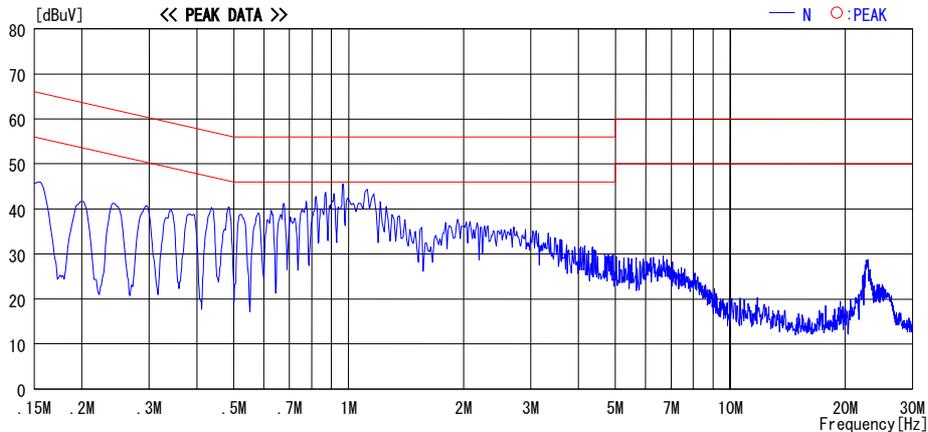


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

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Head Office EMC Lab.
 4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
 Telephone : +81 596 24 8116
 Facsimile : +81 596 24 8124

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2007/06/12

Company	: Sharp Corporation	Report No.	: 27GE0318-H0
Kind of EUT	: GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable	Power	: AC120V / 60Hz
Model No.	: GX33	Temp./Humi.	: 25deg. C / 60%
Serial No.	: 004401/11/053500/8	Operator	: Takumi Shimada

Mode / Remarks : Tx 2441MHz DH5

LIMIT : FCC15. 207 QP
FCC15. 207 AV

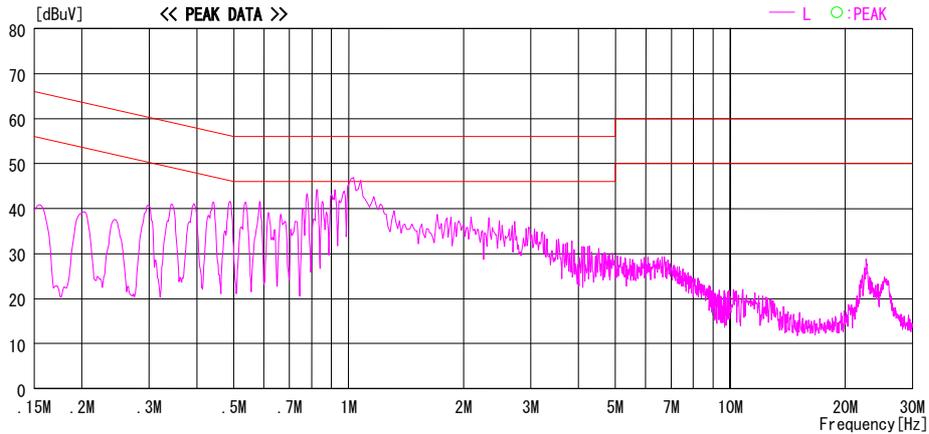
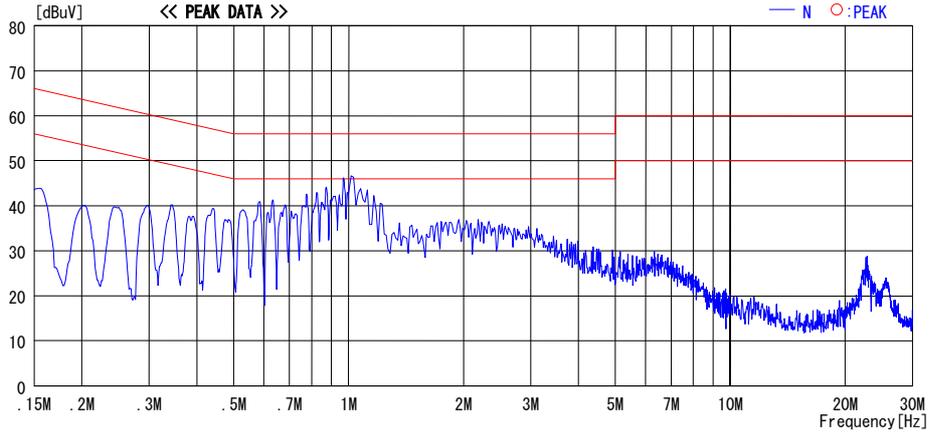


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

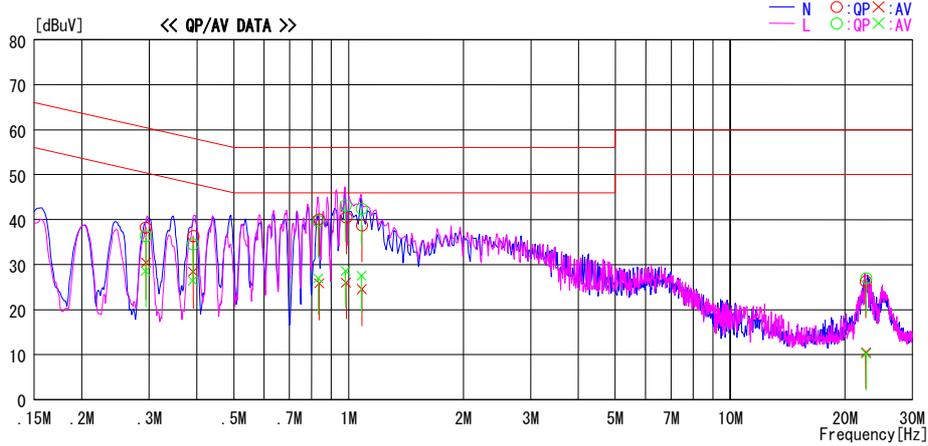
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2007/06/12

Company : Sharp Corporation
 Kind of EUT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
 Model No. : GX33
 Serial No. : 004401/11/053500/8
 Report No. : 27GE0318-H0
 Power : AC120V / 60Hz
 Temp./Humi. : 25deg. C / 60%
 Operator : Takumi Shimada

Mode / Remarks : Tx 2480MHz DH5

LIMIT : FCC15. 207 QP
 FCC15. 207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.29408	37.8	30.0	0.4	38.2	30.4	60.4	50.4	22.2	20.0	N
0.39134	36.0	28.0	0.4	36.4	28.4	58.0	48.0	21.6	19.6	N
0.83701	39.7	25.4	0.4	40.1	25.8	56.0	46.0	15.9	20.2	N
0.98417	40.0	25.5	0.5	40.5	26.0	56.0	46.0	15.5	20.0	N
1.08225	38.2	24.0	0.5	38.7	24.5	56.0	46.0	17.3	21.5	N
22.68054	21.3	5.5	5.0	26.3	10.5	60.0	50.0	33.7	39.5	N
0.29375	36.0	28.2	0.4	36.4	28.6	60.4	50.4	24.0	21.8	L
0.39050	34.1	26.0	0.4	34.5	26.4	58.1	48.1	23.6	21.7	L
0.83267	39.3	26.6	0.4	39.7	27.0	56.0	46.0	16.3	19.0	L
0.98074	42.7	28.1	0.5	43.2	28.6	56.0	46.0	12.8	17.4	L
1.07967	41.9	27.0	0.5	42.4	27.5	56.0	46.0	13.6	18.5	L
22.70507	22.0	5.2	5.0	27.0	10.2	60.0	50.0	33.0	39.8	L

CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C.F [dB] (LISN LOSS + CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

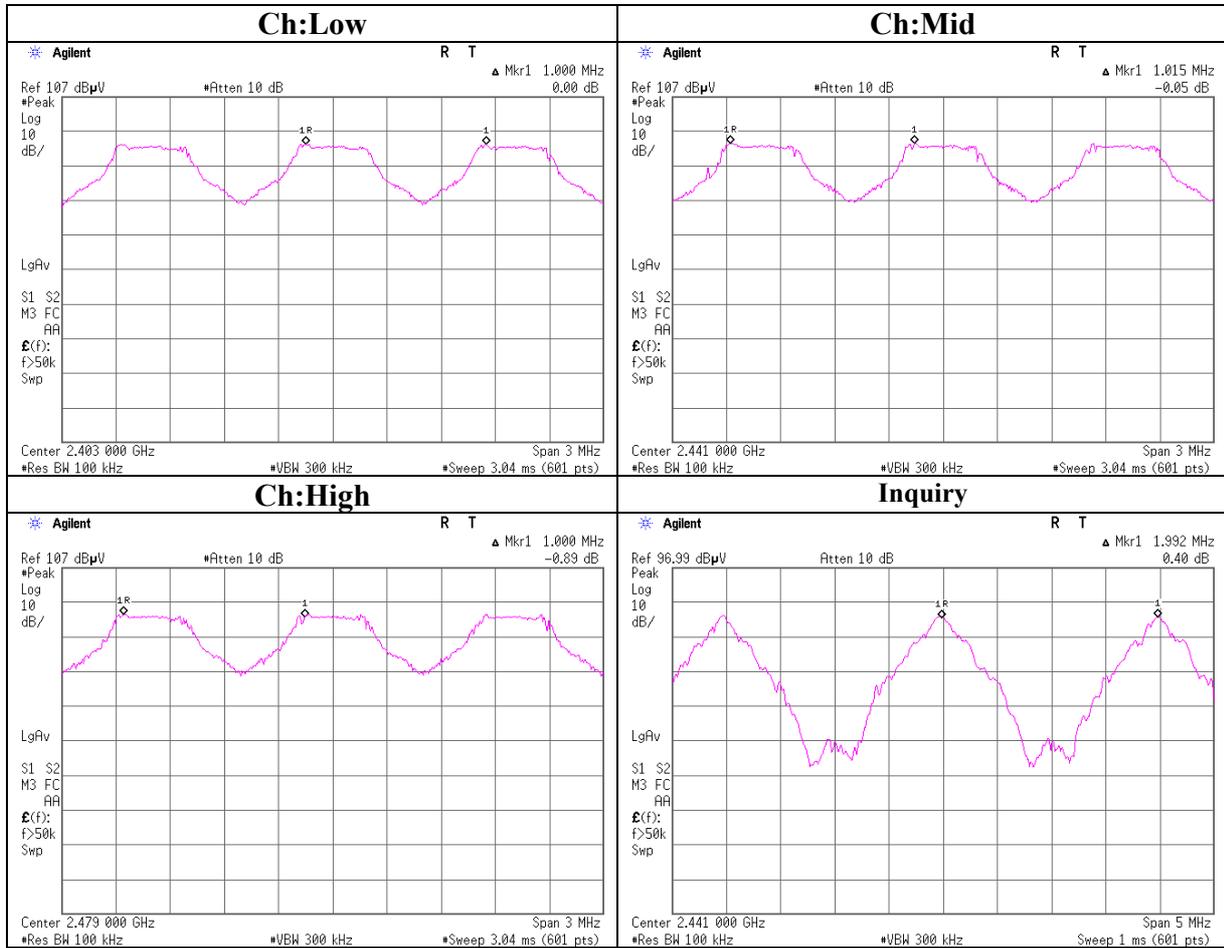
Carrier Frequency Separation

UL Japan, Inc.
Head Office EMC Lab. No.6 Shielded Room

COMPANY	: Sharp Corporation	REGULATION	: FCC15.247(a)(1)
EQUIPMENT	: GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable	TEST DISTANCE	: -
MODEL	: GX33	DATE	: 06/05/2007
S/ N	: 004401/11/053498/5	TEMPERATURE	: 27deg.C
POWER	: DC 4.0V	HUMIDITY	: 45%
MODE	: Tx(Hopping on)/Inquiry	ENGINEER	: Tomotaka Sasagawa

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>0.643[MHz](two-thirds of the 20dB Bandwidth(0.965[MHz])) or 25[kHz](whichever is greater)
Mid	2441.0	1.015	>0.646[MHz](two-thirds of the 20dB Bandwidth(0.970[MHz])) or 25[kHz](whichever is greater)
High	2480.0	1.000	>0.646[MHz](two-thirds of the 20dB Bandwidth(0.970[MHz])) or 25[kHz](whichever is greater)
Inquiry	2441.0	1.992	>0.546[MHz](two-thirds of the 20dB Bandwidth(0.820[MHz])) or 25[kHz](whichever is greater)

Carrier Frequency Separation



20dB Bandwidth

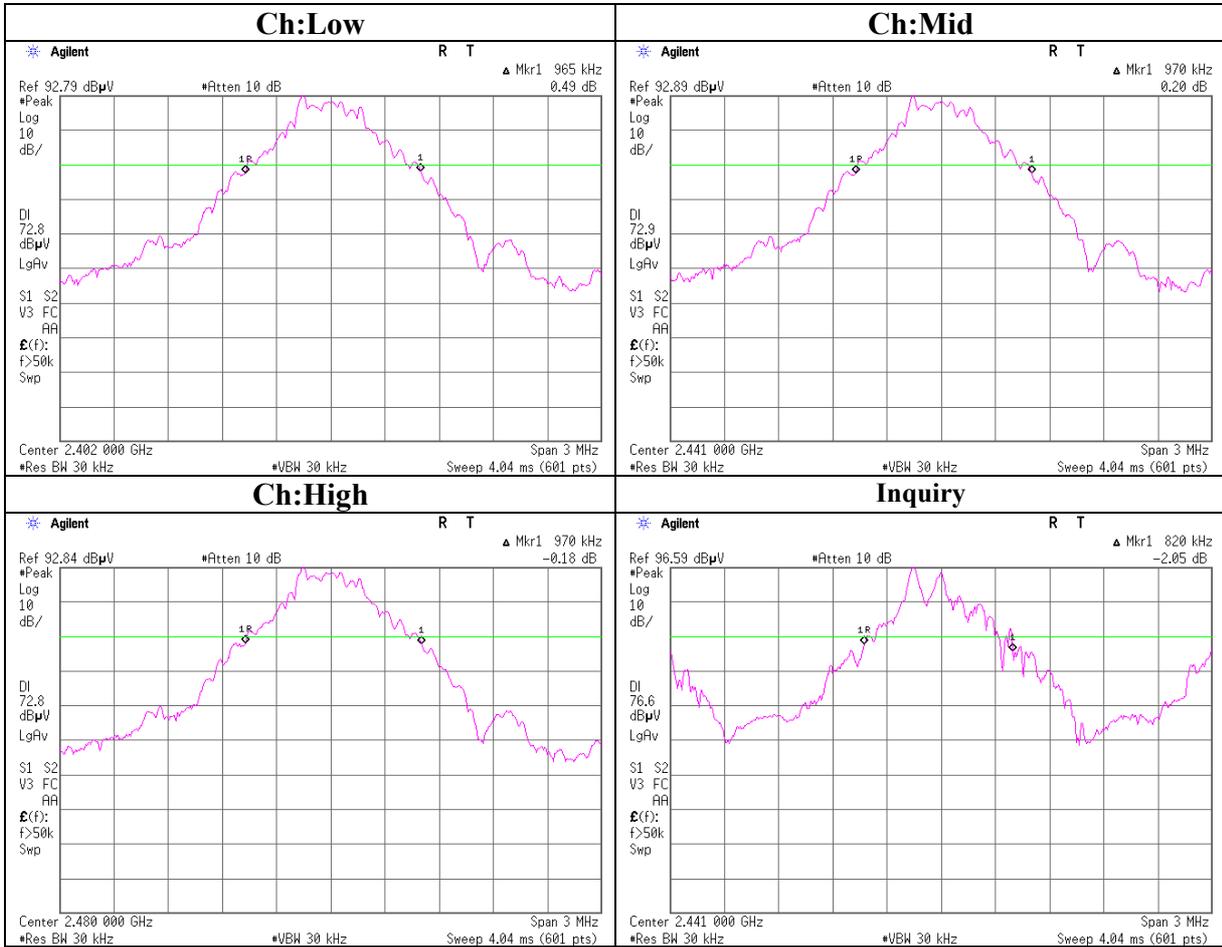
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Head Office EMC Lab. No.6 Shielded Room

COMPANY : Sharp Corporation
EQUIPMENT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
MODEL : GX33
S/ N : 004401/11/053498/5
POWER : DC 4.0V
MODE : Tx (Hopping off) /Inquiry

REGULATION : FCC15.247(a)(1)
TEST DISTANCE : -
DATE : 06/05/2007
TEMPERATURE : 27deg.C
HUMIDITY : 45%
ENGINEER : Tomotaka Sasagawa

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.965	-
Mid	2441.0	0.970	-
High	2480.0	0.970	-
Inquiry	2441.0	0.820	-

20dB Bandwidth



Number of Hopping Frequency

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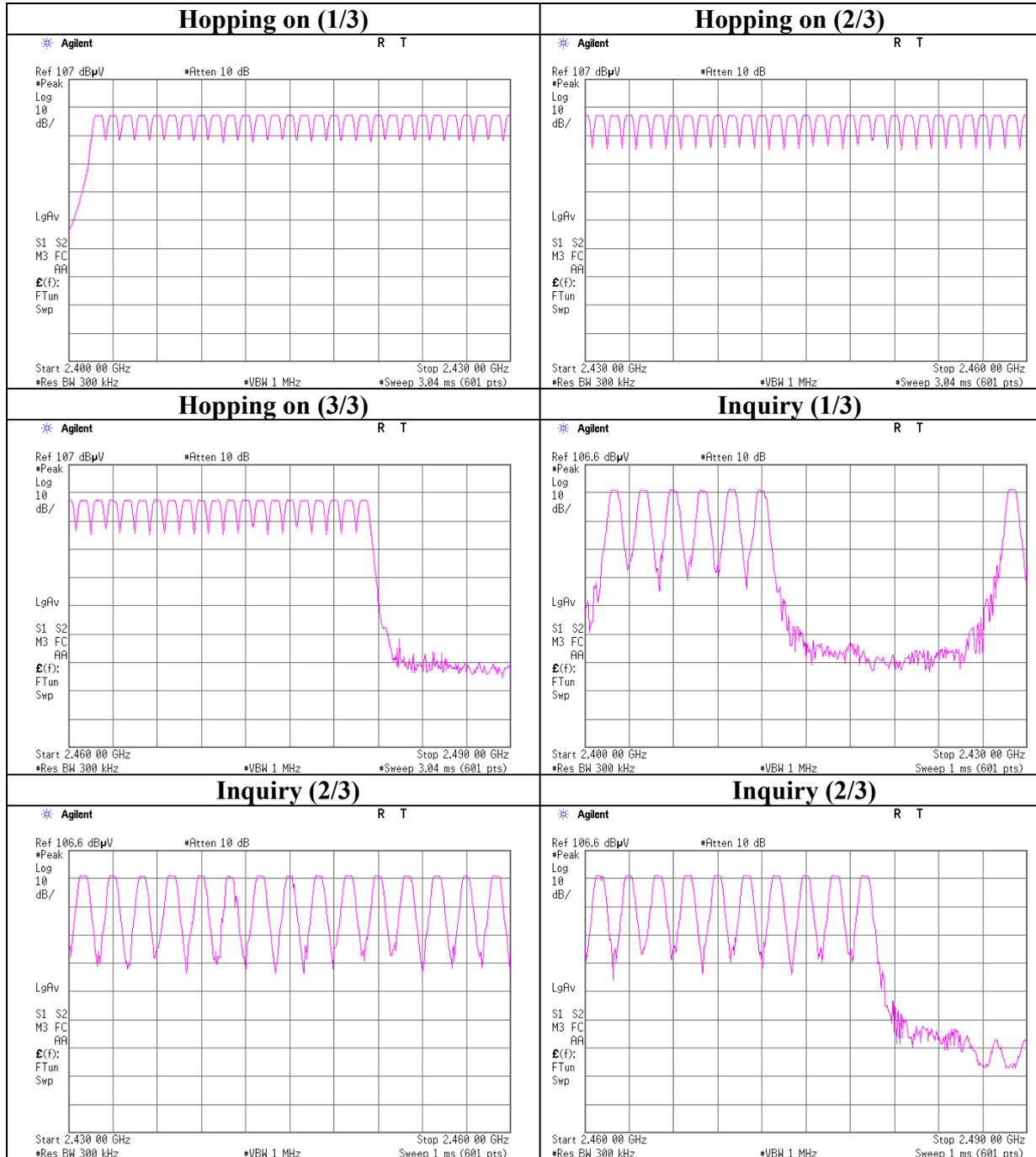
COMPANY : Sharp Corporation
EQUIPMENT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
MODEL : GX33
S/N : 004401/11/053498/5
POWER : DC 4.0V
MODE :Tx (Hopping on) /Inquiry

REGULATION : FCC15.247(a)(1)(iii)
TEST DISTANCE : -
DATE : 06/05/2007
TEMPERATURE : 27deg.C
HUMIDITY : 45%
ENGINEER : Tomotaka Sasagawa

Mode	Number of channel [time]	Limit [time]
Tx(Hoppng on)	79	≥ 15

Mode	Number of channel [time]	Limit [time]
Inquiry	32	≥ 15

Number of Hopping Frequency



Dwell time

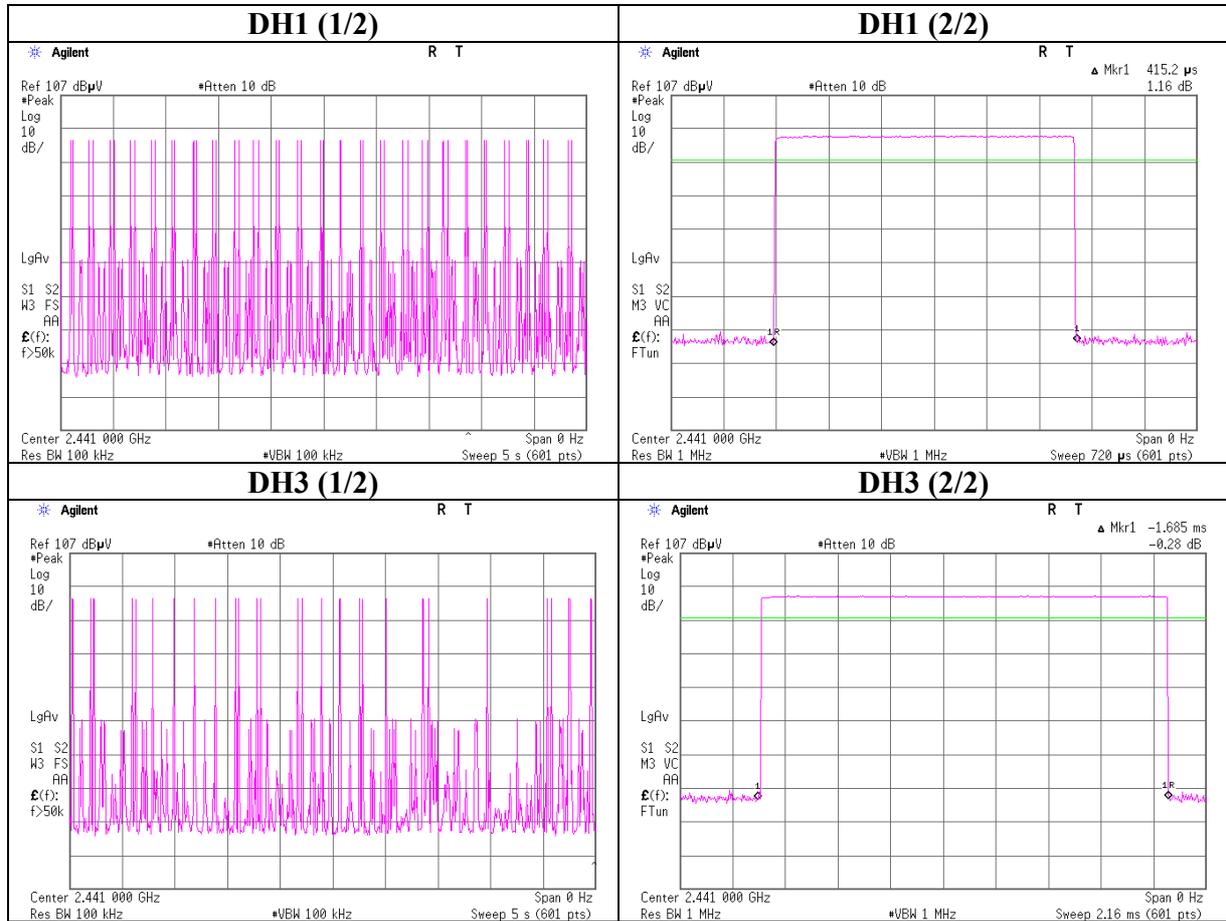
UL Japan, Inc.
Head Office EMC Lab. No.6 Shielded Room

COMPANY : Sharp Corporation
EQUIPMENT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
MODEL : GX33
S/N : 004401/11/053498/5
POWER : DC 4.0V
MODE : Tx (Hopping on) /Inquiry

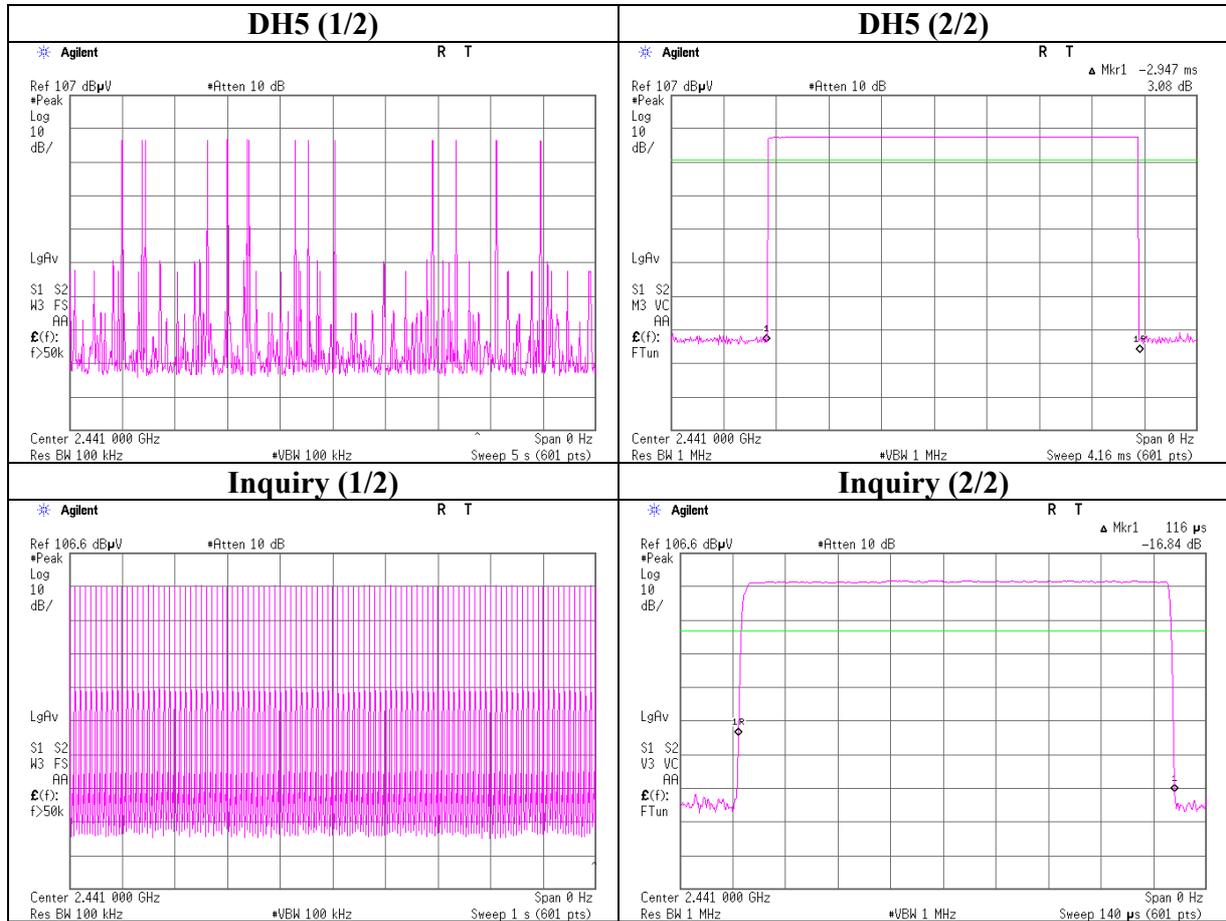
REGULATION : FCC15.247(a)(1)(iii)
TEST DISTANCE : -
DATE : 06/05/2007
TEMPERATURE : 27deg.C
HUMIDITY : 45%
ENGINEER : Tomotaka Sasagawa

Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period		Length of transmission time [msec]	Result [msec]	Limit [msec]
DH1	49 times / 5 sec. x	31.6 sec. = 310 times	0.415	129	400
DH3	27 times / 5 sec. x	31.6 sec. = 171 times	1.685	288	400
DH5	13 times / 5 sec. x	31.6 sec. = 83 times	2.947	245	400
Inquiry	100 times / 1 sec. x	12.8 sec. = 1280 times	0.116	148	400

Dwell time



Dwell time



Maximum Peak Output Power

UL Japan, Inc.
Head Office EMC Lab. No.6 Shielded Room

COMPANY : Sharp Corporation
EQUIPMENT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
MODEL : GX33
S/N : 004401/11/053498/5
POWER : DC 4.0V
MODE : Tx(Hopping Off)/Inquiry

REGULATION : FCC15.247(b)(1)
TEST DISTANCE : -
DATE : 06/05/2007
TEMPERATURE : 27deg.C
HUMIDITY : 45%
ENGINEER : Tomotaka Sasagawa

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-11.56	1.06	10.02	-0.48	0.90	20.97	125	21.45
Mid	2441.0	-11.47	1.06	10.02	-0.39	0.91	20.97	125	21.36
High	2480.0	-11.52	1.00	10.02	-0.50	0.89	20.97	125	21.47
Inquiry	2441.0	-18.02	1.06	10.02	-6.94	0.20	20.97	125	27.91

Sample Calculation:

Result = Reading + Cable Loss (supplied by customer)+ Attenuator

* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

Radiated Spurious Emission (below 1GHz)
Tx, Ch. Low

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

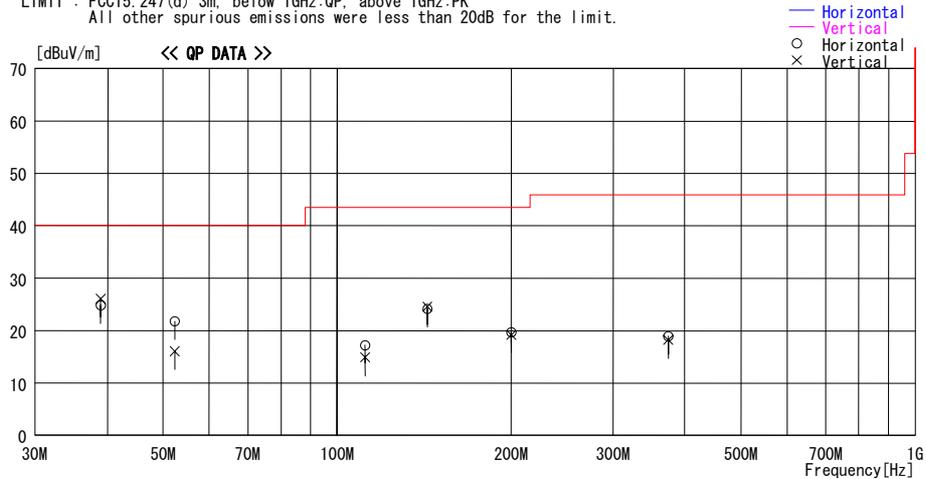
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2007/06/12

Company : Sharp Corporation Report No. : 27GE0318-HO
Kind of EUT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable Power : AC120V / 60Hz
Model No. : GX33 Temp./Humi. : 24deg. C / 57%
Serial No. : 004401/11/053500/8 Operator : Takumi Shimada

Mode / Remarks : Tx 2402MHz DH5 Worst-axis Hori:X, Vert:Z

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss & Gain [dB]							
38.944	35.7	QP	14.4	-25.2	24.9	0	100	Hori.	40.0	15.1	
38.945	36.9	QP	14.4	-25.2	26.1	359	100	Vert.	40.0	13.9	
52.395	36.5	QP	10.1	-24.8	21.8	225	100	Hori.	40.0	18.2	
52.395	30.8	QP	10.1	-24.8	16.1	352	100	Vert.	40.0	23.9	
111.524	29.6	QP	12.0	-24.3	17.3	0	200	Hori.	43.5	26.2	
111.524	27.2	QP	12.0	-24.3	14.9	93	100	Vert.	43.5	28.6	
143.246	33.1	QP	14.8	-23.8	24.1	12	300	Hori.	43.5	19.4	
143.246	33.6	QP	14.8	-23.8	24.6	0	100	Vert.	43.5	18.9	
200.003	26.5	QP	16.6	-23.4	19.7	0	300	Hori.	43.5	23.8	
200.003	26.0	QP	16.6	-23.4	19.2	359	100	Vert.	43.5	24.3	
375.005	24.8	QP	16.6	-22.4	19.0	347	100	Hori.	46.0	27.0	
375.006	24.0	QP	16.6	-22.4	18.2	359	100	Vert.	46.0	27.8	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

UL Japan, Inc.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone : +81 596 24 8116
Facsimile : +81 596 24 8124

Radiated Spurious Emission (below 1GHz)

Tx, Ch. Mid

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

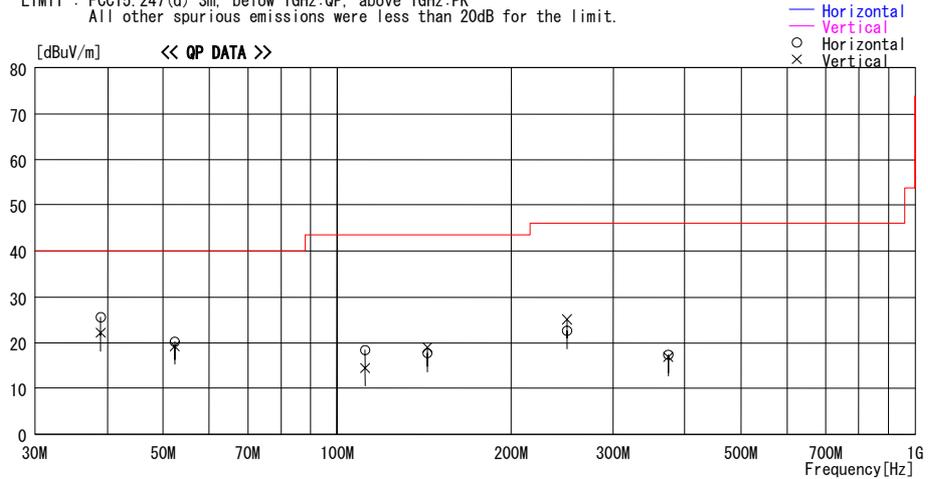
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Semi Anechoic Chamber
Date : 2007/06/12

Company : Sharp Corporation Report No. : 27GE0318-HO
Kind of EUT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable Power : AC120V / 60Hz
Model No. : GX33 Temp./Humi. : 24deg. C / 57%
Serial No. : 004401/11/053500/8 Operator : Takumi Shimada

Mode / Remarks : Tx 2441MHz DHS Worst-axis Hori:X, Vert:Z

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
38.944	36.4	QP	14.4	-25.2	25.6	56	100	Hori.	40.0	14.4	
38.945	33.0	QP	14.4	-25.2	22.2	359	100	Vert.	40.0	17.8	
52.389	35.0	QP	10.1	-24.8	20.3	0	100	Hori.	40.0	19.7	
52.392	34.0	QP	10.1	-24.8	19.3	5	100	Vert.	40.0	20.7	
111.526	26.8	QP	12.0	-24.3	14.5	359	100	Vert.	43.5	29.0	
111.526	30.7	QP	12.0	-24.3	18.4	159	300	Hori.	43.5	25.1	
143.247	28.0	QP	14.8	-23.8	19.0	351	100	Vert.	43.5	24.5	
143.247	26.7	QP	14.8	-23.8	17.7	30	300	Hori.	43.5	25.8	
250.003	28.3	QP	17.2	-22.8	22.7	0	300	Hori.	46.0	23.3	
250.264	30.7	QP	17.2	-22.8	25.1	359	100	Vert.	46.0	20.9	
375.000	23.3	QP	16.6	-22.4	17.5	0	100	Hori.	46.0	28.5	
375.000	22.7	QP	16.6	-22.4	16.9	359	100	Vert.	46.0	29.1	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

Radiated Spurious Emission (below 1GHz)
Tx, Ch. High

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

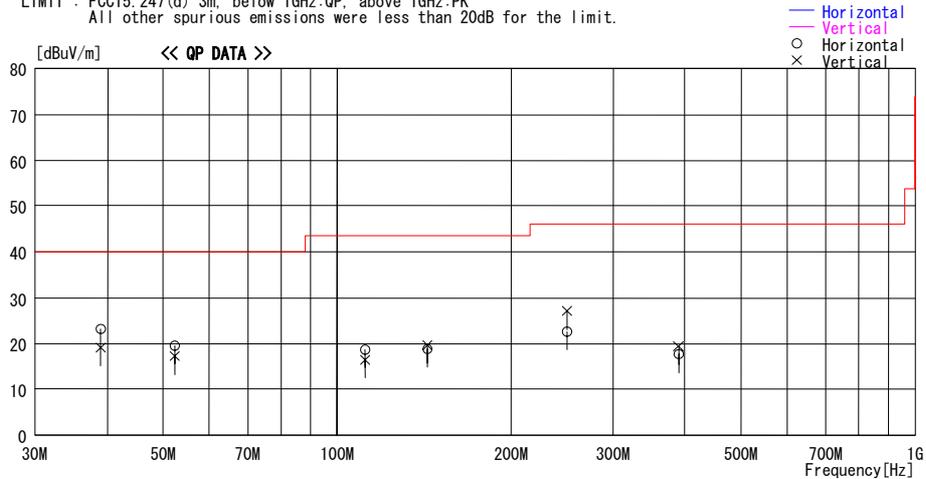
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Semi Anechoic Chamber
Date : 2007/06/12

Company : Sharp Corporation Report No. : 27GE0318-HO
Kind of EUT : GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable Power : AC120V / 60Hz
Model No. : GX33 Temp./Humi. : 24deg. C / 57%
Serial No. : 004401/11/053500/8 Operator : Takumi Shimada

Mode / Remarks : Tx 2480MHz DH5 Worst-axis Hori:X, Vert:Z

LIMIT : FCC15.247(d) 3m. below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss & Gain [dB]							
38.944	34.0	QP	14.4	-25.2	23.2	6	100	Hori.	40.0	16.8	
38.944	30.0	QP	14.4	-25.2	19.2	359	100	Vert.	40.0	20.8	
52.390	34.3	QP	10.1	-24.8	19.6	0	100	Hori.	40.0	20.4	
52.393	32.0	QP	10.1	-24.8	17.3	5	100	Vert.	40.0	22.7	
111.526	28.8	QP	12.0	-24.3	16.5	359	100	Vert.	43.5	27.0	
111.526	31.1	QP	12.0	-24.3	18.8	0	300	Hori.	43.5	24.7	
143.246	28.7	QP	14.8	-23.8	19.7	359	100	Vert.	43.5	23.8	
143.246	27.9	QP	14.8	-23.8	18.9	156	300	Hori.	43.5	24.6	
250.004	28.3	QP	17.2	-22.8	22.7	280	300	Hori.	46.0	23.3	
250.004	32.7	QP	17.2	-22.8	27.1	359	100	Vert.	46.0	18.9	
390.000	22.9	QP	17.1	-22.3	17.7	4	100	Hori.	46.0	28.3	
390.000	24.7	QP	17.1	-22.3	19.5	359	100	Vert.	46.0	26.5	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

Radiated Spurious Emission (above 1GHz)
Tx, Ch. Low

UL Japan, Inc.

Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company Sharp Corporation
Equipment GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
Model GX33
S/N 004401/11/053500/8
Power AC 120V / 60Hz
Mode Tx 2402MHz
Position H: X-axis, V: Z-axis

Regulation FCC15.247(d)
Test Distance 3m / 1m
Date 06/04/2007
Temperature 24deg.C.
Humidity 59%
Engineer Takumi Shimada

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	44.7	45.4	27.1	32.3	3.2	0.0	42.7	43.4	73.9	31.2	30.5
2*	2400.00	72.9	64.3	27.1	32.3	3.3	0.0	71.0	62.4	73.9	-	-
3	4804.00	42.3	40.4	31.3	31.6	4.5	0.5	47.0	45.1	73.9	26.9	28.8
4	7206.00	41.8	41.0	35.7	31.4	5.2	0.6	51.9	51.1	73.9	22.0	22.8
5	9608.00	42.7	42.1	38.5	31.9	6.2	0.8	56.3	55.7	73.9	17.6	18.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14412.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	16814.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19216.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21618.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24020.00	46.4	46.7	40.6	38.9	10.3	0.0	48.9	49.2	73.9	25.0	24.7

* Reference data

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	33.6	35.0	27.1	32.3	3.2	0.0	31.6	33.0	53.9	22.3	20.9
2*	2400.00	61.6	64.3	27.1	32.3	3.3	0.0	59.7	62.4	53.9	-	-
3	4804.00	29.1	28.7	31.3	31.6	4.5	0.5	33.8	33.4	53.9	20.1	20.5
4	7206.00	29.3	29.1	35.7	31.4	5.2	0.6	39.4	39.2	53.9	14.5	14.7
5	9608.00	30.7	30.6	38.5	31.9	6.2	0.8	44.3	44.2	53.9	9.6	9.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14412.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	16814.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19216.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21618.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24020.00	34.7	34.7	40.6	38.9	10.3	0.0	37.2	37.2	53.9	16.7	16.7

* Reference data

20dBc (Fundamental) 2402.0 MHz (RBW: 100kHz, VBW: 300kHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit 20dBc [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
0	2402.00	102.2	102.3	27.1	32.3	3.3	0.0	100.3	100.4	-	-	-
2	2400.00	44.5	45.8	27.1	32.3	3.3	0.0	42.6	43.9	Funda-20dB	37.7	36.5

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*The limit is rounded down to one decimal place.

*The test result is round off to one or two decimal places, so some differences might be observed.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.

*NS: Non Signal

Radiated Spurious Emission (above 1GHz)
Tx, Ch. Mid

Company	Sharp Corporation	UL Japan, Inc.
Equipment	GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable	Head Office EMC Lab. No.2 Semi Anechoic Chamber
Model	GX33	Regulation FCC15.247(d)
S/N	004401/11/053500/8	Test Distance 3m / 1m
Power	AC 120V / 60Hz	Date 06/04/2007
Mode	Tx 2441MHz	Temperature 24deg.C.
Position	H: X-axis, V: Z-axis	Humidity 59%
		Engineer Takumi Shimada

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.00	41.1	41.2	31.4	31.6	4.5	0.4	45.8	45.9	73.9	28.1	28.0
2	7323.00	41.5	41.3	36.0	31.4	5.3	0.6	52.0	51.8	73.9	21.9	22.1
3	9764.00	42.5	41.7	38.7	32.0	6.2	0.7	56.1	55.3	73.9	17.8	18.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24410.00	46.9	46.1	40.7	38.8	10.5	0.0	49.8	49.0	73.9	24.1	24.9

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.00	29.7	31.3	31.4	31.6	4.5	0.4	34.4	36.0	53.9	19.5	17.9
2	7323.00	29.0	29.4	36.0	31.4	5.3	0.6	39.5	39.9	53.9	14.4	14.0
3	9764.00	29.8	29.8	38.7	32.0	6.2	0.7	43.4	43.4	53.9	10.5	10.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24410.00	35.2	35.2	40.7	38.8	10.5	0.0	38.1	38.1	53.9	15.8	15.8

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*NS: Non Signal

**Radiated Spurious Emission (above 1GHz)
Tx, Ch. High**

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation FCC15.247(d)
Test Distance 3m / 1m
Date 06/04/2007
Temperature 24deg.C.
Humidity 59%
Engineer Takumi Shimada

Company Sharp Corporation
Equipment GSM 900 / 1800 / 1900 GPRS phone / Bluetooth Enable
Model GX33
S/N 004401/11/053500/8
Power AC 120V / 60Hz
Mode Tx 2480MHz
Position H: X-axis, V: Z-axis

PK DETECT (RBW: 1MHz, VBW: 1MHz)

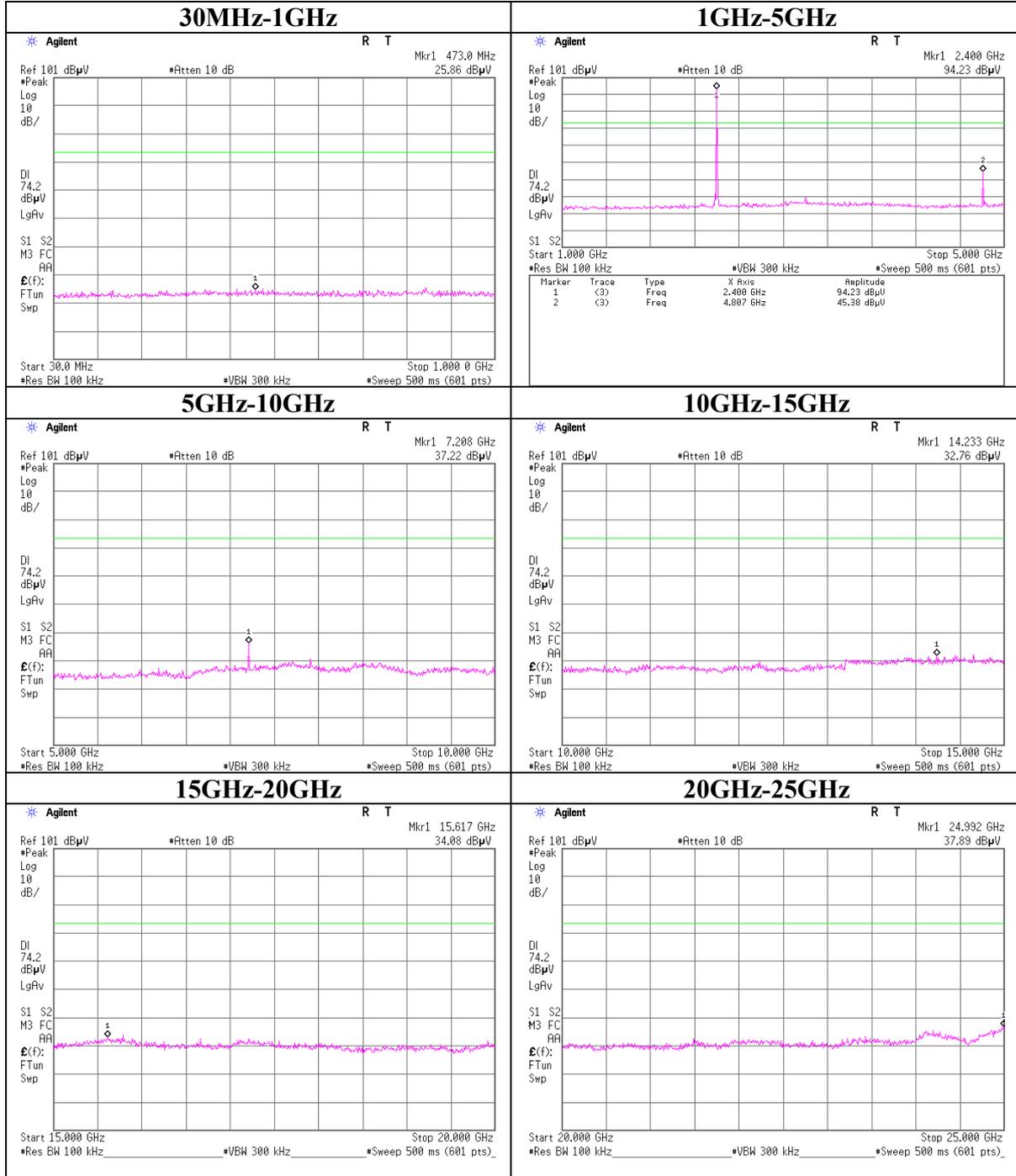
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit PK [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	56.8	57.0	27.2	32.3	3.1	0.0	54.8	55.0	73.9	19.1	18.9
2	4960.00	42.8	43.0	31.5	31.6	4.6	0.3	47.6	47.8	73.9	26.3	26.1
3	7440.00	41.6	41.6	36.2	31.4	5.4	0.6	52.4	52.4	73.9	21.5	21.5
4	9920.00	43.2	43.6	38.9	32.0	6.2	0.6	56.9	57.3	73.9	17.0	16.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	14880.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	17360.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	19840.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	22320.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	24800.00	47.2	48.3	40.8	38.8	10.7	0.0	50.4	51.5	73.9	23.5	22.4

AV DETECT (RBW: 1MHz, VBW: 10Hz)

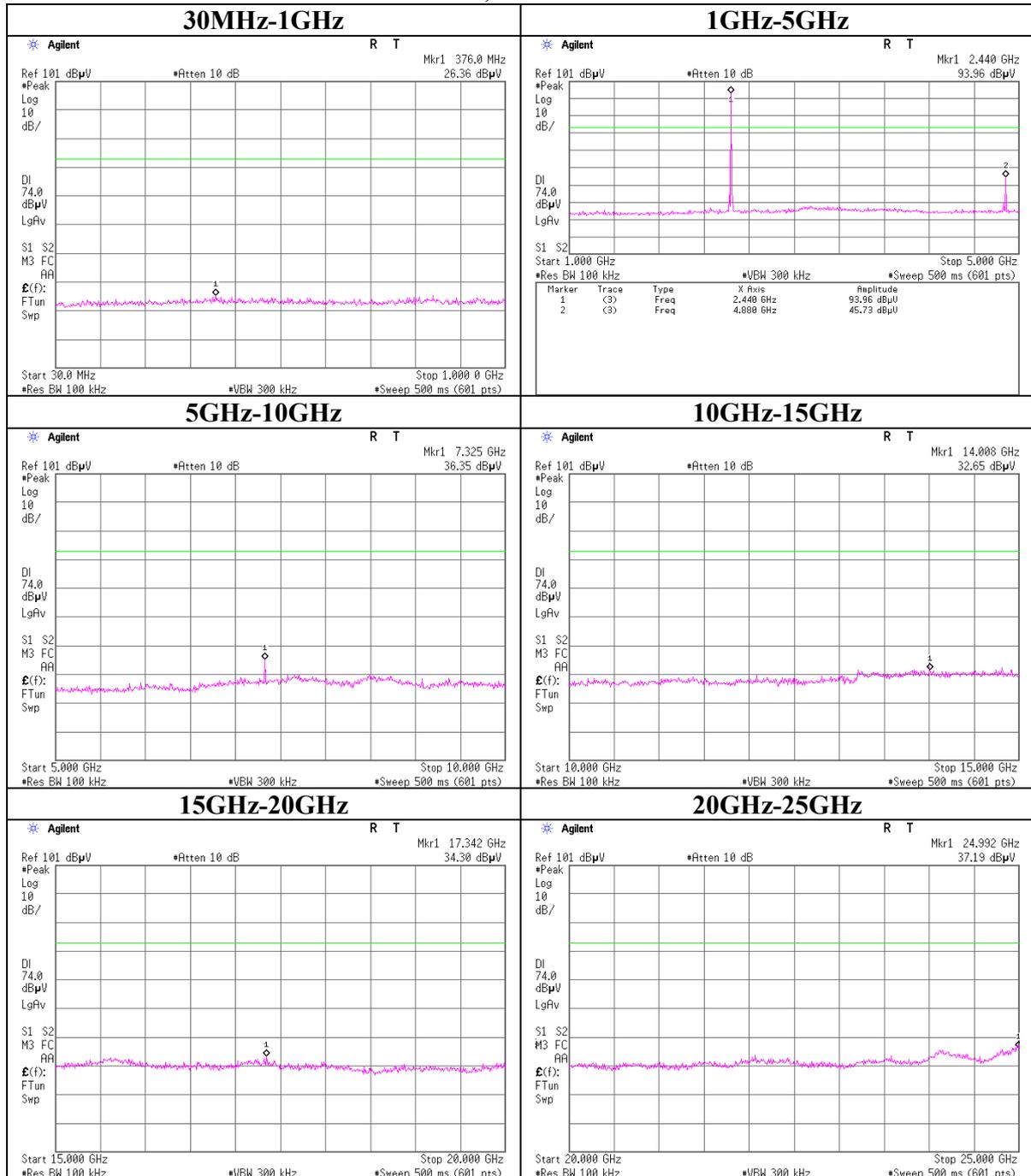
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR [dBuV]	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	49.5	49.7	27.2	32.3	3.1	0.0	47.5	47.7	53.9	6.4	6.2
2	4960.00	31.1	29.7	31.5	31.6	4.6	0.3	35.9	34.5	53.9	18.0	19.4
3	7440.00	29.9	29.7	36.2	31.4	5.4	0.6	40.7	40.5	53.9	13.2	13.4
4	9920.00	31.1	30.9	38.9	32.0	6.2	0.6	44.8	44.6	53.9	9.1	9.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	14880.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	17360.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	19840.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	22320.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	24800.00	35.9	36.0	40.8	38.8	10.7	0.0	39.1	39.2	53.9	14.8	14.7

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.54 dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*NS: Non Signal

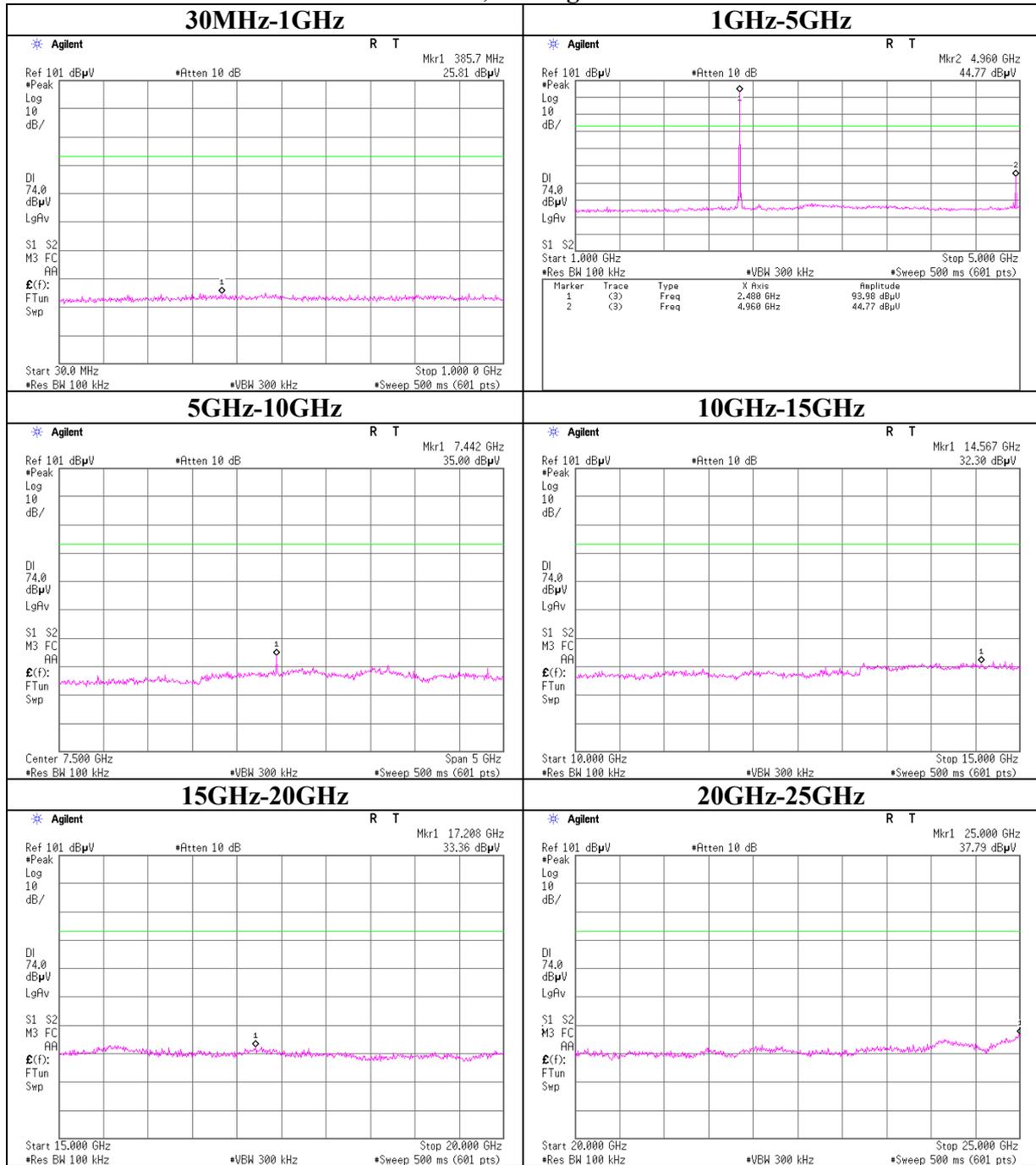
Conducted Spurious Emission
Tx, Ch:Low



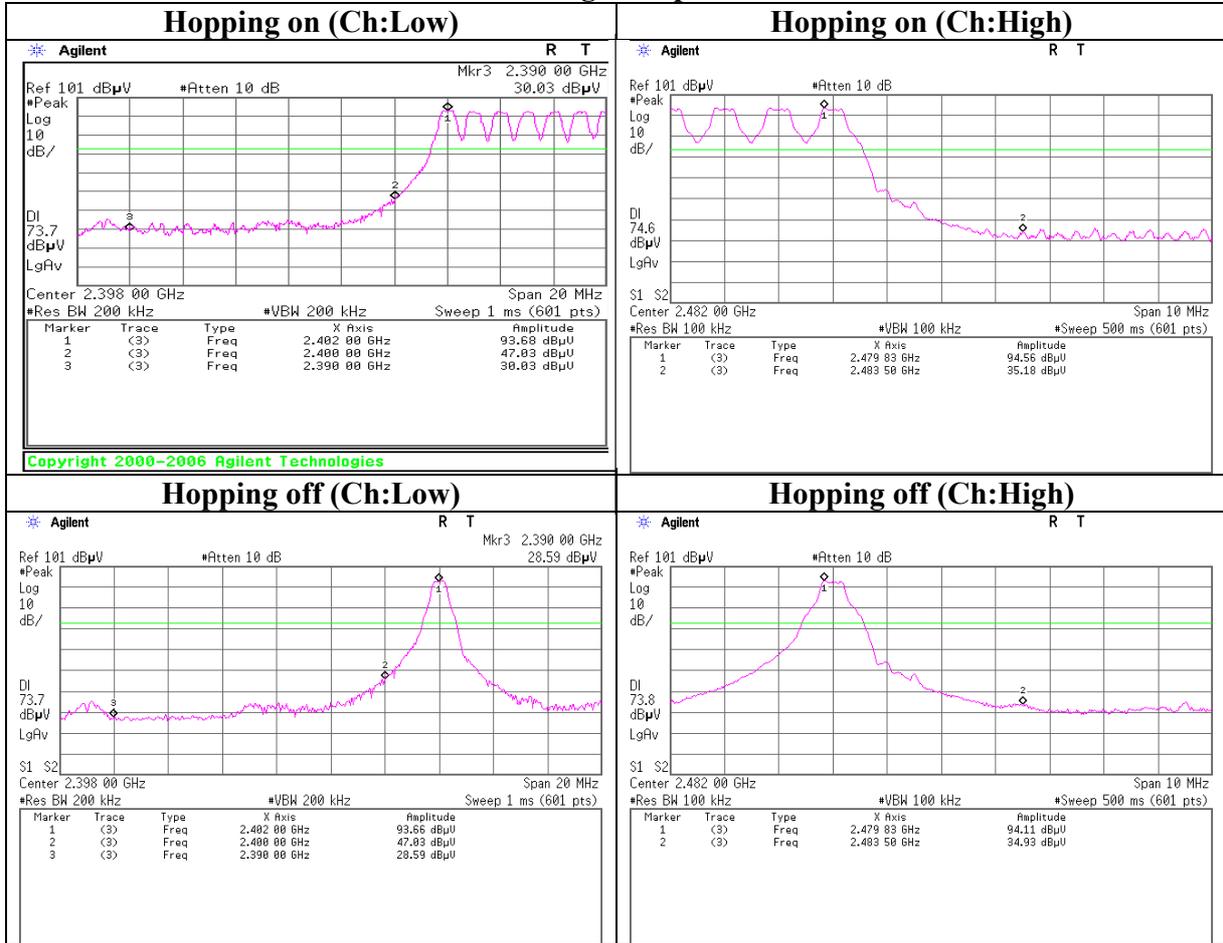
Conducted Spurious Emission
Tx, Ch:Mid



Conducted Spurious Emission
Tx, Ch:High



Conducted Spurious Emission
Band Edge compliance



APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/04/02 * 12
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2007/01/30 * 12
MCC-16	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2007/02/22 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2006/08/29 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2006/09/11 * 12
MHF-06	High Pass Filter 3.5-24GHz	Tokimec	TF323DCA	RE	2007/05/30 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2007/01/30 * 12
MPA-16	Pre Amplifier	UNITEK ELECTROBICS INC.	26GHzAMP	RE	2006/12/15 * 12
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2006/11/27 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MAEC-03	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/03/05 * 12
MSA-09	Spectrum Analyzer	Advantest	R3273	RE	2006/12/08 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE	2007/02/03 * 12
MBA-03	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/01/19 * 12
MLA-03	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2007/01/19 * 12
MCC-69	Coaxial cable	UL Japan	-	RE	2007/05/21 * 12
MAT-30	Attenuator(6dB)	TME	UFA-01	RE	2007/03/05 * 12
MPA-13	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2007/03/16 * 12
MOS-12	Thermo-Hygrometer	Custom	CTH-180	RE	2006/01/19 * 24
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	CE	2007/03/03 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	CE	2006/06/02 * 12
MTR-06	Test Receiver	Rohde & Schwarz	ESCS30	CE	2006/09/12 * 12
MCC-50	Coaxial cable	UL Japan	-	CE	2007/03/06 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2007/02/22 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	CE	2006/01/19 * 24
MJM-07	Measure	PROMART	SEN1955	CE	-
MPM-09	Power Meter	Anritsu	ML2495A	AT	2006/09/20 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2006/06/02 * 12
MPSE-11	Power sensor	Anritsu	MA2411B	AT	2006/09/20 * 12
MOS-14	Thermo-Hygrometer	Custom	CTH-180	AT	2006/01/19 * 24
MCC-28	Microwave Cable 1G-40GHz	Suhner	SUCOFLEX101	AT	2006/08/30 * 12
MAT-23	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2007/03/07 * 12

The expiration date of the calibration is the end of the expired month.

All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Test Item: CE: Conducted Emission
RE: Radiated Emission
AT: Antenna Terminal Conducted test

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124