



RADIO TEST REPORT

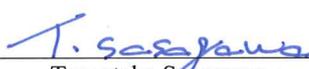
Test Report No. : 28IE0013-HO

Applicant : Sharp Corporation, Communication Systems Group.
Type of Equipment : Tri-band WCDMA & Tri-band GSM
GPRS Mobile Phone / FeliCa Enable / Bluetooth Enable
Model No. : FOMA SH906iTV
FCC ID : APYHRO00068
Test regulation : FCC Part 15 Subpart C 2008
Section 15.207, Section 15.247
Test Result : Complied

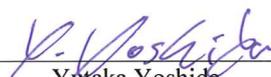
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2. The results in this report apply only to the sample tested.
3. This sample tested is in compliance with the above regulation.
4. The test results in this report are traceable to the national or international standards.
5. This test report must not be used by the customer to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

Date of test: April 30 to May 2, 2008

Tested by:


Tomotaka Sasagawa
EMC Services


Kazuya Yoshioka
EMC Services


Yutaka Yoshida
EMC Services

Approved by :


Mitsuru Fujimura
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>

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MF060b (09.01.08)

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SECTION 1: Customer information

Company Name : Sharp Corporation, Communication Systems Group.
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Japan
Telephone Number : +81-82-420-1898
Facsimile Number : +81-82-420-1592
Contact Person : MASA AKI KANAO

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

2.1 Identification of E.U.T.

Type of Equipment : Tri-band WCDMA & Tri-band GSM GPRS Mobile Phone / FeliCa
Enable / Bluetooth Enable
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119526/5 (Antenna Terminal conducted test)
004401/11/119529/9 (Conducted Emission test and Radiated Emission test)
Rating : AC 120V/60Hz, DC3.7V(Lithium ion)
Receipt Date of Sample : April 30, 2008
Country of Mass-production : Japan
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: FOMA SH906iTV (referred to as the EUT in this report) is the Tri-band WCDMA & Tri-band GSM GPRS Mobile Phone / FeliCa Enable / Bluetooth Enable.

Clock frequency(ies) in the system : 26MHz, 27.12MHz, 27.456MHz, 48MHz, 32.768kHz

[Bluetooth Part]

Equipment Type : Transceiver
Frequency of Operation : 2402-2480MHz
Bandwidth & Channel Spacing : 1MHz & 1MHz / CH
Modulation : FHSS
Power Supply (inner) : DC 2.9V
Antenna Type : Internal Antenna
Antenna Gain : 2.14dBi

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SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification : FCC Part15 Subpart C: 2008, final revised on March 24, 2008

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 and Radiated Emission test was performed with the New Battery. 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	FCC: ANSI C63.4:2003 7. AC powerline conducted emission measurements	FCC: Section 15.207	-	N/A	[Tx] QP 17.1dB 1.66600MHz, L AV 14.1dB 1.40260MHz, L [Rx] QP 17.1dB 1.48645MHz, L AV 15.7dB 0.67950MHz, N	Complied
		IC: RSS-Gen 7.2.2	IC: RSS-Gen 7.2.2				
2	Carrier Frequency Separation	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(a)(1)	Conducted	N/A	See data.	Complied
		IC: -	IC: RSS-210 A8.1 (b)				
3	20dB Bandwidth	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(a)(1)	Conducted	N/A		Complied
		IC: -	IC: RSS-210 A8.1 (a)				
4	Number of Hopping Frequency	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(a)(1)(iii)	Conducted	N/A		Complied
		IC: -	IC: RSS-210 A8.1 (d)				
5	Dwell time	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(a)(1)(iii)	Conducted	N/A		Complied
		IC: -	IC: RSS-210 A8.1 (d)				
6	Maximum Peak Output Power	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(b)(1)	Conducted	N/A	Complied	
		IC: RSS-Gen 4.8	IC: RSS-210 A8.4 (2)				
7	Band Edge Compliance	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(d)	Conducted	N/A	Complied	
		IC: -	IC: RSS-210 A8.5				
8	Spurious Emission	FCC: FCC Public Notice DA 00-705	FCC: Section 15.247(d)	Conducted/ Radiated	N/A	[Tx] 4.5dB 357.500MHz, QP Horizontal [Rx] 4.9dB 370.001MHz, QP Horizontal	Complied
		IC: RSS-Gen 4.9 RSS-Gen 4.10	IC: RSS-210 A8.5 RSS-Gen 7.2.1 and 7.2.3				

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

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

* In case any questions arise about test procedure, ANSI C63.4: 2003 is also referred.

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3.3 Addition to standards

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst margin	Results
1	99% Occupied Band Width	IC: RSS-Gen 4.6.1	IC: RSS-Gen 4.6.1	Conducted	N/A	N/A	N/A

3.4 Uncertainty

EMI

The following uncertainties have been calculated to provide a confidence level of 95% using a coverage factor k=2.

Test room	Conducted emission	Radiated emission (10m*)			Radiated emission (3m*)			Radiated emission (3m*)	
	150kHz-30MHz	9kHz-30MHz	30MHz-300MHz	300MHz-1GHz	9kHz-30MHz	30MHz-300MHz	300MHz-1GHz	1GHz-18GHz	18GHz-40GHz
No.1 semi-anechoic chamber (±)	3.7dB	3.1dB	4.7dB	4.4dB	3.2dB	3.7dB	4.4dB	5.9dB	6.1dB
No.2 semi-anechoic chamber (±)	3.7dB	-	-	-	3.2dB	4.3dB	3.9dB	5.9dB	6.1dB
No.3 semi-anechoic chamber (±)	3.7dB	-	-	-	3.2dB	4.2dB	4.4dB	5.9dB	6.1dB
No.4 semi-anechoic chamber (±)	3.7dB	-	-	-	3.2dB	4.2dB	4.4dB	5.9dB	6.1dB

*10m/3m = Measurement distance

Conducted emission test

The data listed in this test report has enough margin, more than the site margin.

Radiated emission test(3m)

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 for this test is 3.0dB.

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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	IC4247	19.2 x 11.2 x 7.7m	7.0 x 6.0m	No.1 Power source room
No.2 semi-anechoic chamber	655103	IC4247-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 semi-anechoic chamber	148738	IC4247-3	12.0 x 8.5 x 5.9m	6.8 x 5.75m	No.3 Preparation room
No.3 shielded room	-	-	4.0 x 6.0 x 2.7m	N/A	-
No.4 semi-anechoic chamber	134570	IC4247-4	12.0 x 8.5 x 5.9m	6.8 x 5.75m	No.4 Preparation room
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	6.0 x 6.0m	-
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	-
No.9 measurement room	-	-	8.0 x 4.5 x 2.8m	2.0 x 2.0m	-
No.10 measurement room	-	-	2.6 x 2.8 x 2.5m	2.4 x 2.4m	-
No.11 measurement room	-	-	3.1 x 3.4 x 3.0m	2.4 x 3.4m	-

* 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 Mode(s)

Test	Mode	Tested frequency
Conducted Emission	Bluetooth(BT), Transmitting (Tx), DH5 / 3DH5, Payload: PRBS9	2402MHz 2441MHz 2480MHz
	Bluetooth(BT), Receiving (Rx)	2441MHz
Carrier Frequency Separation	Bluetooth(BT), Transmitting (Tx) (Hopping ON)/Inquiry, DH5 / 3DH5, Payload: PRBS9	2402MHz 2441MHz 2480MHz
20dB Bandwidth	Bluetooth(BT), Transmitting (Tx) (Hopping Off)/Inquiry, DH5 / 3DH5, Payload: PRBS9	2402MHz 2441MHz 2480MHz
Number of Hopping Frequency	Bluetooth(BT), Transmitting (Tx) (Hopping ON)/Inquiry, DH5 / 3DH5, Payload: PRBS9	-
Dwell time	Bluetooth(BT), Transmitting (Tx) (Hopping ON)/Inquiry -DH1 -DH3 -DH5 -3DH1 -3DH3 -3DH5	-
Maximum Peak Output Power	Bluetooth(BT), Transmitting (Tx) (Hopping Off)/Inquiry, Payload: PRBS9 -DH5 -2DH5 -3DH5	2402MHz 2441MHz 2480MHz
Spurious Emission (Conducted/Radiated)	Bluetooth(BT), Transmitting (Tx), DH5 / 3DH5, Payload: PRBS9	2402MHz 2441MHz 2480MHz
	Bluetooth(BT), Receiving (Rx)	2441MHz
Band Edge Compliance (Conducted)	Bluetooth(BT), Transmitting (Tx), DH5 / 3DH5, Payload: PRBS9 -Hopping ON -Hopping OFF	2402MHz 2480MHz
99% Occupied Bandwidth	Bluetooth(BT), Transmitting (Tx), DH5 / 3DH5, Payload: PRBS9 -Hopping ON -Hopping OFF	2402MHz 2441MHz 2480MHz

*As a result of preliminary test, the formal test was performed with the above modes, which had the maximum payload (except Dwell time test)

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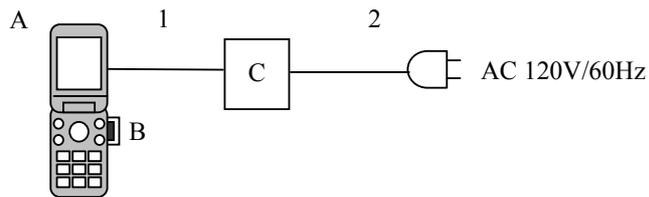
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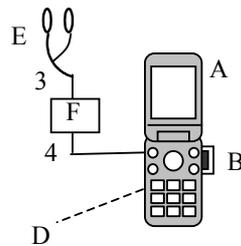
Remarks: Test was not performed at AFH mode, because the decrease of number of channel (min: 20ch) at AFH mode does not influence on the output power and bandwidth of the EUT.
However, the limit level 125mW of AFH mode was used due to the overlap of the bandwidth.

4.2 Configuration and peripherals

[For Conducted Emission test and Antenna Terminal conducted test]



[For Radiated Emission test]



- * Cabling and setup(s) were taken into consideration and test data was taken under worse case conditions.
- * AC Charger and Stereo Headset cannot be used at the same time.

Description of EUT and Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	Tri-band WCDMA & Tri-band GSM GPRS Mobile Phone / FeliCa Enable / Bluetooth Enable	FOMA SH906iTV	004401/11/119526/5 *1) 004401/11/119529/9 *2)	SHARP	EUT
B	microSD Memory Card	SD-C256	0630R 96536Q	TOSHIBA	-
C	AC CHARGER	MAS-BH0008A 002	QKA	NEC	-
D	Rechargeable Lithium-ion Battery	SH18	-	SANYO	-
E	Stereo Headset	P01	-	NTT DoCoMo	-
F	Earphone Plug Adapter of External connector terminal	RUITZA173AFZZ	-	SMK	-

*1) Used for Antenna Terminal conducted test

*2) Used for Conducted Emission test and Radiated Emission test

List of cables used

No.	Name	Length (m)	Shield	
			Cable	Connector
1	DC Cable	1.5	Unshielded	Unshielded
2	AC Cable	2.0	Unshielded	Unshielded
3	Stereo Headset Cable	0.51 +1.17	Unshielded	Unshielded
4	Earphone Plug Adapter of External connector terminal Cable	0.15	Unshielded	Unshielded

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SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on a urethane platform of nominal size, 0.5m 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)

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. The following spectrum analyzer setting was used:

- RBW: 100kHz
- VBW: 300kHz
- Sweep: Auto
- Detector: Peak
- Trace: Max Hold

Test data : APPENDIX 2
Test result : Pass

[Radiated]

Test Procedure

EUT was placed on 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 / Table 2 of RSS-210 2.7 (IC) and outside the restricted band of FCC15.205 / Table 1 of RSS-210 2.7 (IC).

Frequency	Below 1GHz	Above 1GHz
Instrument used	Test Receiver / Spectrum Analyzer	Spectrum Analyzer *1)
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

*1) The Spectrum Analyzer was used in 3dB resolution bandwidth.

- 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.
The following spectrum analyzer setting was used:

- Span: 3MHz
- RBW: 30kHz
- VBW: 30kHz
- Sweep: Auto
- Detector: Peak
- Trace: Max Hold

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.
The following spectrum analyzer setting was used:

- Span: 3MHz
- RBW: 100kHz
- VBW: 300kHz
- Sweep: Auto
- Detector: Peak
- Trace: Max Hold

Test data : APPENDIX 2
Test result : Pass

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SECTION 10: Number of Hopping Frequency

Test Procedure

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

- Span: 30MHz
- RBW: 300kHz
- VBW: 1MHz
- Sweep: Auto
- Detector: Peak
- Trace: Max Hold

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.
The following spectrum analyzer setting was used:

- Span: Zero Span
- RBW: 1MHz
- VBW: 3MHz
- Sweep: as necessary to capture the entire dwell time per hopping channel
- Detector: Peak
- Trace: Max Hold

Test data : APPENDIX 2
Test result : Pass

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: Z-axis/ Vertical:Z-axis)

This page has been submitted for a separate exhibit.

APPENDIX 2: Data of EMI test

Conducted Emission
Tx, Ch:Low (DH5)

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/05/01

Company	: Sharp Corporation	Report No.	: 28IE0013-HO
Kind of EUT	: Mobile Phone	Power	: AC 120V / 60Hz
Model No.	: FOMA SH906iTV	Temp./Humi.	: 24deg.C / 49%
Serial No.	: 004401/11/119529/9	Operator	: Tomotaka Sasagawa

Mode / Remarks : BT TX DH5 2402MHz
 LIMIT : FCC15.207 QP
 FCC15.207 AV

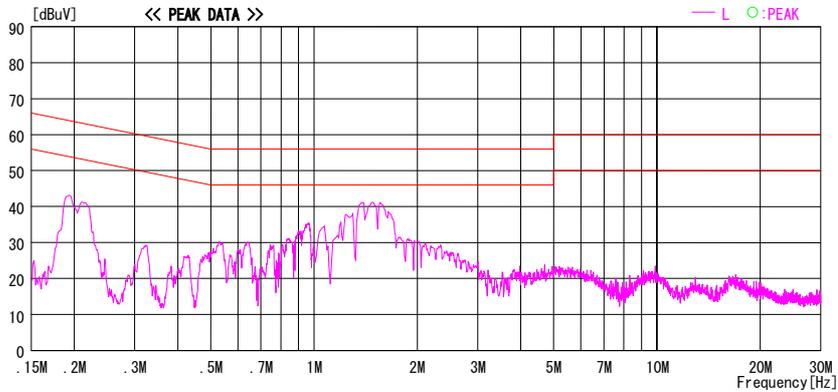
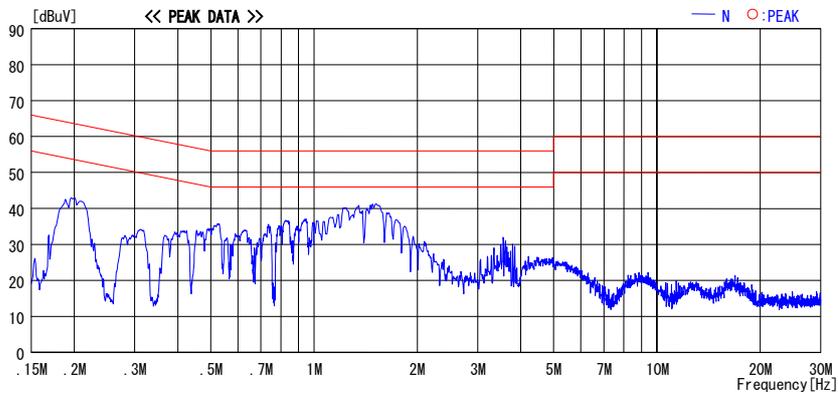


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C. F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

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

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Conducted Emission
Tx, Ch:Mid (DH5)

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/05/01

Company : Sharp Corporation
 Kind of EUT : Mobile Phone
 Model No. : FOMA SH906iTV
 Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
 Power : AC 120V / 60Hz
 Temp./Humi. : 24deg. C / 49%
 Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX DH5 2441MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

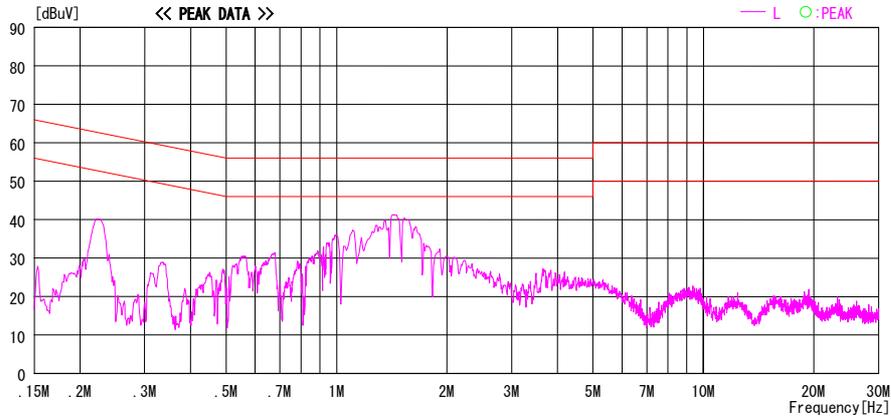
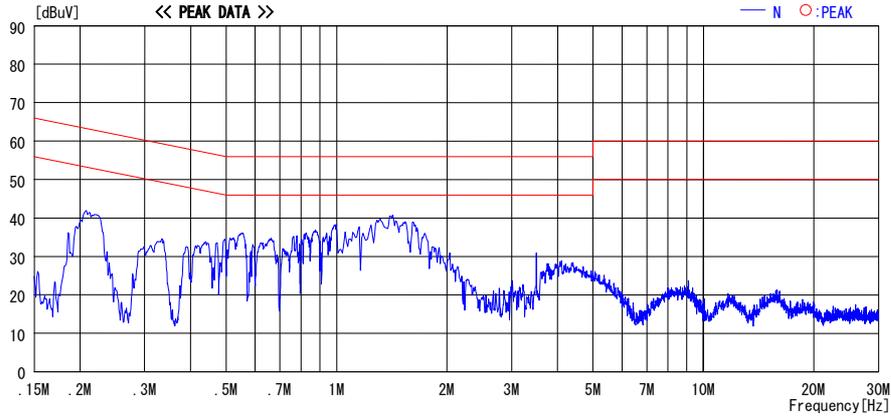


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT [dBuV]=READING [dBuV]+C. F [dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
Tx, Ch:High (DH5)

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/05/01

Company : Sharp Corporation
 Kind of EUT : Mobile Phone
 Model No. : FOMA SH906iTV
 Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
 Power : AC 120V / 60Hz
 Temp./Humi. : 24deg. C / 49%
 Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX DH5 2480MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

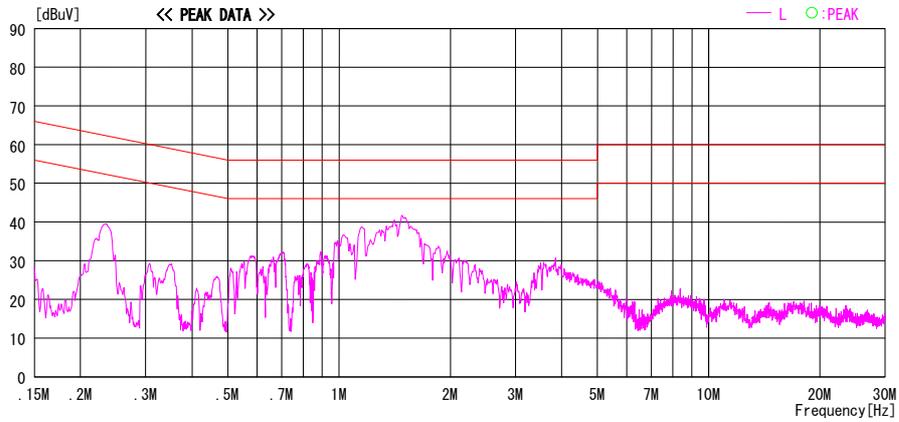
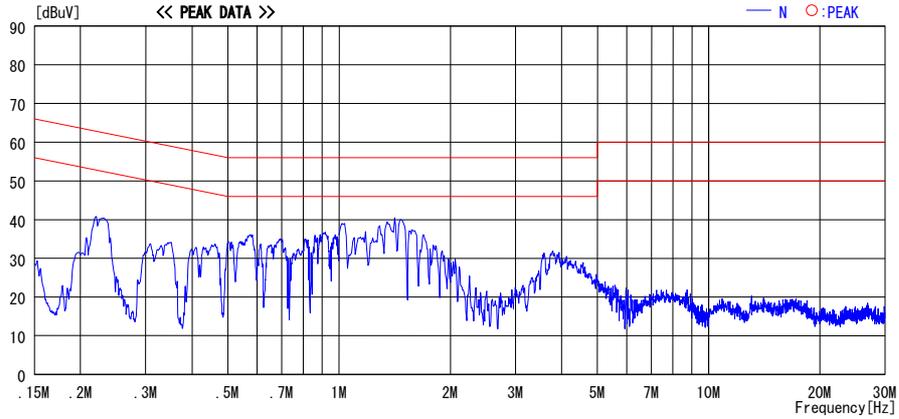


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT [dBuV] = READING [dBuV] + C. F [dB] (LISN LOSS + CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
Tx, Ch:Low (DH5)

DATA OF CONDUCTED EMISSION TEST

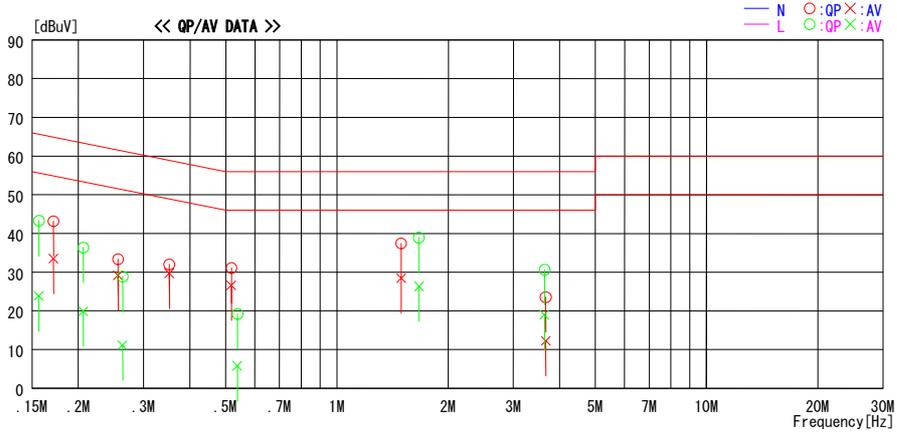
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/05/01

Company : Sharp Corporation
 Kind of EUT : Mobile Phone
 Model No. : FOMA SH906iTV
 Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
 Power : AC 120V / 60Hz
 Temp./Humi. : 24deg. C / 49%
 Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX DH5 2402MHz

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]	
0.17110	43.0	33.3	0.2	43.2	33.5	64.9	54.9	21.7	21.4	N
0.25572	33.1	28.9	0.3	33.4	29.2	61.6	51.6	28.2	22.4	N
0.35200	31.7	29.4	0.3	32.0	29.7	58.9	48.9	26.9	19.3	N
0.51820	30.8	26.3	0.3	31.1	26.6	56.0	46.0	24.9	19.4	N
1.49200	37.1	28.0	0.4	37.5	28.4	56.0	46.0	18.5	17.6	N
3.67301	22.9	11.6	0.7	23.6	12.3	56.0	46.0	32.4	33.7	N
0.15630	43.1	23.7	0.2	43.3	23.9	65.7	55.7	22.4	31.8	L
0.20590	36.1	19.6	0.3	36.4	19.9	63.4	53.4	27.0	33.5	L
0.26305	28.6	10.9	0.3	28.9	11.2	61.3	51.3	32.5	40.1	L
0.53760	18.9	5.5	0.3	19.2	5.8	56.0	46.0	36.8	40.2	L
1.66600	38.5	26.0	0.4	38.9	26.4	56.0	46.0	17.1	19.6	L
3.64300	30.0	18.3	0.7	30.7	19.0	56.0	46.0	25.3	27.0	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.

Conducted Emission
Tx, Ch:Low (3DH5)

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/05/01

Company : Sharp Corporation
 Kind of EUT : Mobile Phone
 Model No. : FOMA SH9061TV
 Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
 Power : AC 120V / 60Hz
 Temp./Humi. : 24deg. C / 49%
 Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX 3DH5 2402MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

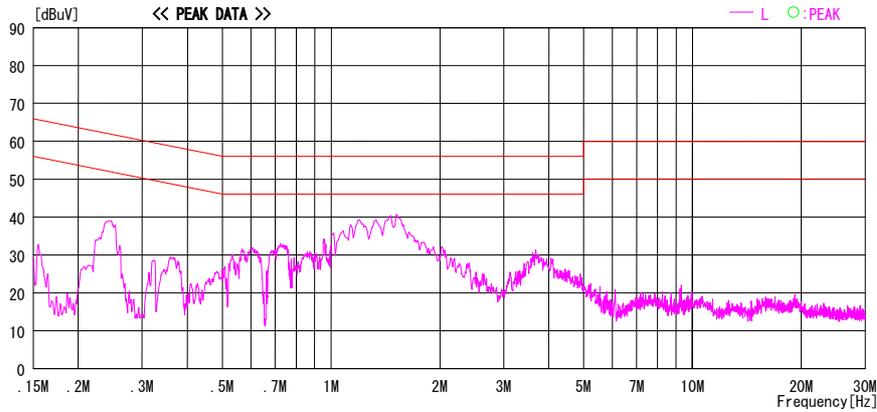
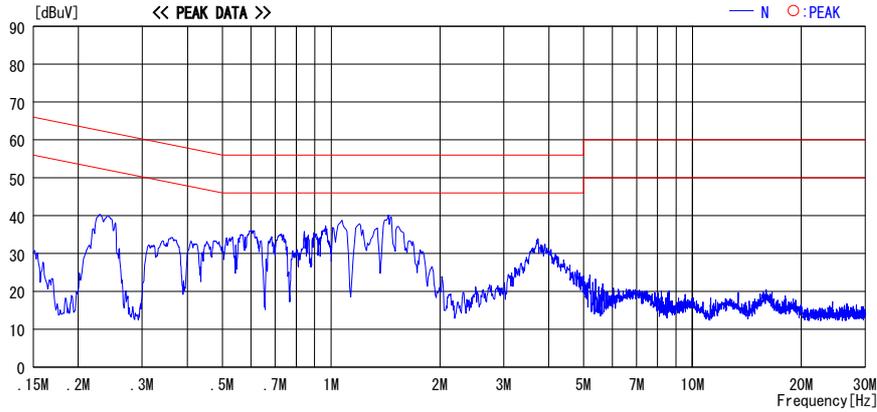


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (L ISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

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

Conducted Emission

Tx, Ch:Mid (3DH5)

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/05/01

Company : Sharp Corporation
 Kind of EUT : Mobile Phone
 Model No. : FOMA SH906iTV
 Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
 Power : AC 120V / 60Hz
 Temp./Humi. : 24deg. C / 49%
 Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX 3DH5 2441MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

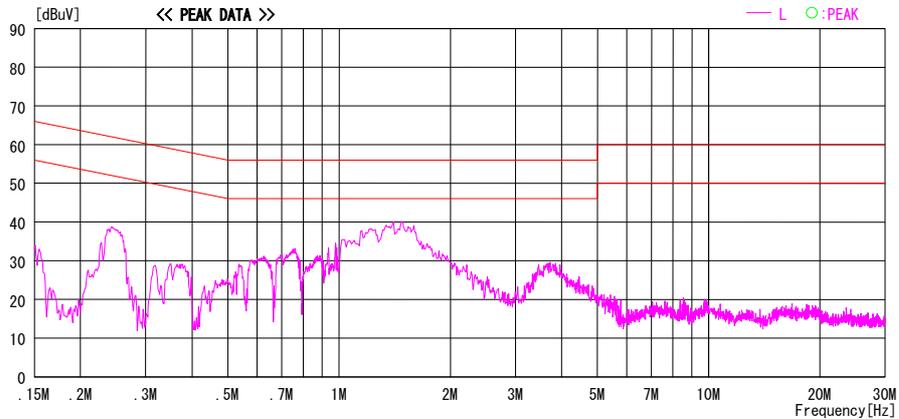
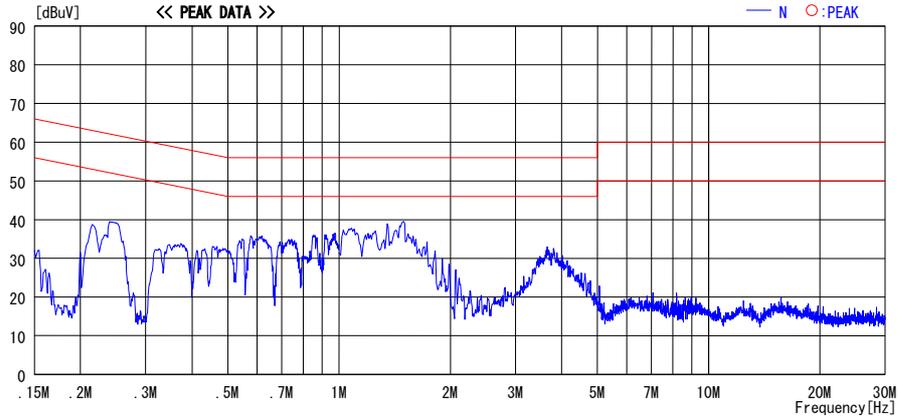


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
Tx, Ch:High (3DH5)

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/05/01

Company : Sharp Corporation
 Kind of EUT : Mobile Phone
 Model No. : FOMA SH906iTV
 Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
 Power : AC 120V / 60Hz
 Temp./Humi. : 24deg. C / 49%
 Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX 3DH5 2480MHz

LIMIT : FCC15.207 QP
 FCC15.207 AV

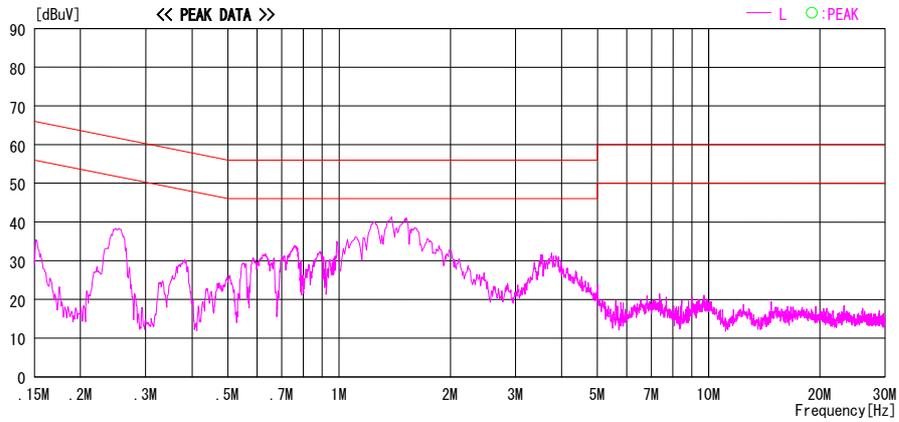
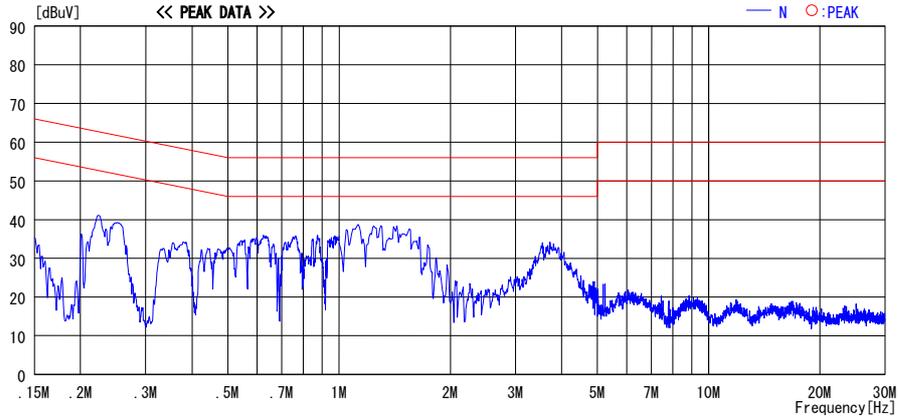


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
Tx, Ch:Low (3DH5)

DATA OF CONDUCTED EMISSION TEST

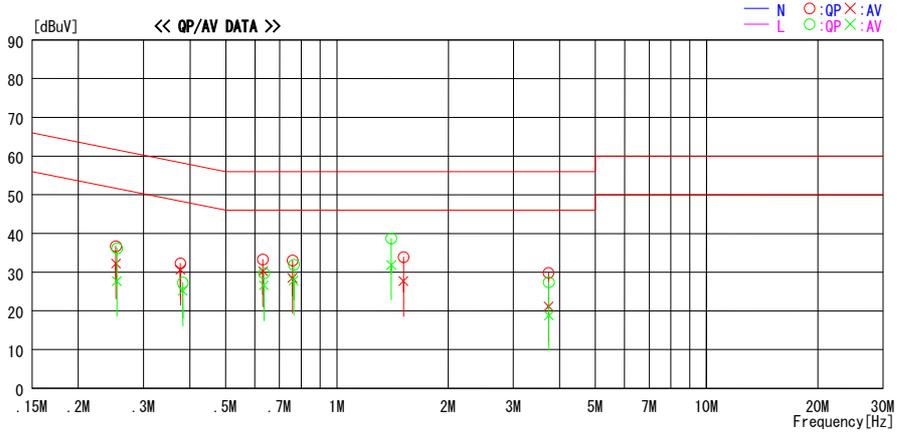
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/05/01

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
Power : AC 120V / 60Hz
Temp./Humi. : 24deg. C / 49%
Operator : Tomotaka Sasagawa

Mode / Remarks : BT TX 3DH5 2402MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.25255	36.4	31.9	0.3	36.7	32.2	61.7	51.7	25.0	19.5	N
0.37730	32.0	30.3	0.3	32.3	30.6	58.3	48.3	26.0	17.7	N
0.63135	33.0	29.9	0.3	33.3	30.2	56.0	46.0	22.7	15.8	N
0.75900	32.6	28.1	0.4	33.0	28.5	56.0	46.0	23.0	17.5	N
1.51390	33.6	27.3	0.4	34.0	27.7	56.0	46.0	22.1	18.3	N
3.73601	29.2	20.4	0.7	29.9	21.1	56.0	46.0	26.1	24.9	N
0.25390	35.9	27.4	0.3	36.2	27.7	61.6	51.6	25.4	23.9	L
0.38270	27.0	24.9	0.3	27.3	25.2	58.2	48.2	30.9	23.0	L
0.63430	29.4	26.3	0.3	29.7	26.6	56.0	46.0	26.3	19.4	L
0.76375	31.5	27.5	0.4	31.9	27.9	56.0	46.0	24.1	18.1	L
1.40260	38.4	31.5	0.4	38.8	31.9	56.0	46.0	17.3	14.1	L
3.74501	26.7	18.1	0.7	27.4	18.8	56.0	46.0	28.6	27.2	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.

Conducted Emission
Rx, Ch:Mid

DATA OF CONDUCTED EMISSION TEST

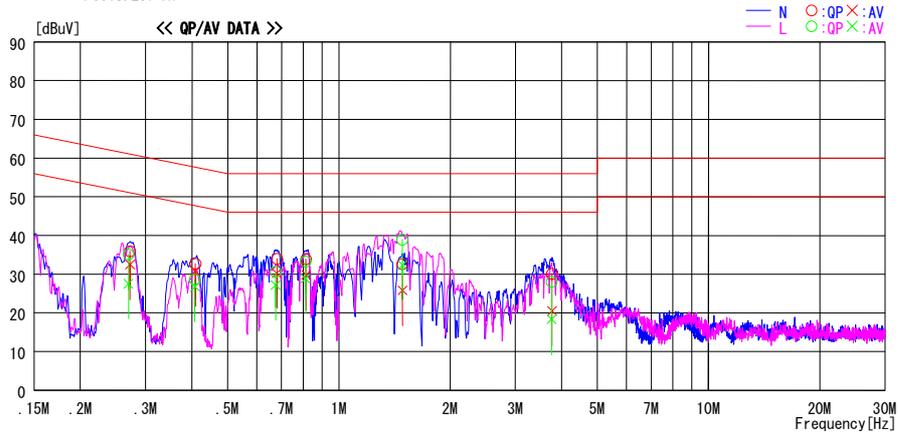
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/05/01

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9

Report No. : 28IE0013-HO
Power : AC 120V / 60Hz
Temp./Humi. : 24deg. C / 49%
Operator : Tomotaka Sasagawa

Mode / Remarks : BT RX 2441MHz

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]	
0.27215	35.6	32.2	0.3	35.9	32.5	61.1	51.1	25.2	18.6	N
0.26950	34.8	27.2	0.3	35.1	27.5	61.1	51.1	26.0	23.6	L
0.67950	33.6	29.9	0.4	34.0	30.3	56.0	46.0	22.0	15.7	N
0.67535	30.2	26.8	0.4	30.6	27.2	56.0	46.0	25.4	18.8	L
0.81500	33.5	29.4	0.4	33.9	29.8	56.0	46.0	22.1	16.3	N
0.81255	32.9	28.5	0.4	33.3	28.9	56.0	46.0	22.7	17.1	L
1.48645	38.4	31.8	0.5	38.9	32.3	56.0	46.0	17.1	13.7	L
1.48600	32.1	25.3	0.5	32.6	25.8	56.0	46.0	23.4	20.2	N
3.76301	27.2	17.5	0.8	28.0	18.3	56.0	46.0	28.0	27.7	L
3.77201	29.3	19.7	0.8	30.1	20.5	56.0	46.0	25.9	25.5	N
0.40925	32.4	30.5	0.3	32.7	30.8	57.7	47.7	25.0	16.9	N
0.40775	28.3	26.5	0.3	28.6	26.8	57.7	47.7	29.1	20.9	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.

Carrier Frequency Separation
(DH5)

UL Japan, Inc.

Head Office EMC Lab. No.7 measurement room

COMPANY : Sharp Corporation
 EQUIPMENT : Tri-band WCDMA &
 Tri-band GSM GPRS Mobile phone/
 FeliCa Enable/Bluetooth Enable
 MODEL : FOMA SH906iTV
 S/ N : 004401/11/119526/5
 POWER : AC120V / 60Hz
 MODE : BT DH5, Tx(Hopping on)/Inquiry

Test Report No. : 28IE0013-HO
 REGULATION : FCC15.247(a)(1)/RSS-210A8.1(b)
 TEST DISTANCE : -
 DATE : 05/02/2008
 TEMPERATURE : 24deg.C
 HUMIDITY : 54%
 ENGINEER : Kazuya Yoshioka

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	0.650 [MHz] (two-thirds of 20dB Bandwidth 0.975 [MHz])) or 25[kHz] (whichever is grater)
Mid	2441.0	1.000	0.650 [MHz] (two-thirds of 20dB Bandwidth 0.975 [MHz])) or 25[kHz] (whichever is grater)
High	2480.0	1.000	0.650 [MHz] (two-thirds of 20dB Bandwidth 0.975 [MHz])) or 25[kHz] (whichever is grater)
Inquiry	2441.0	2.008	0.690 [MHz] (two-thirds of 20dB Bandwidth 1.035 [MHz])) or 25[kHz] (whichever is grater)

UL Japan, Inc.

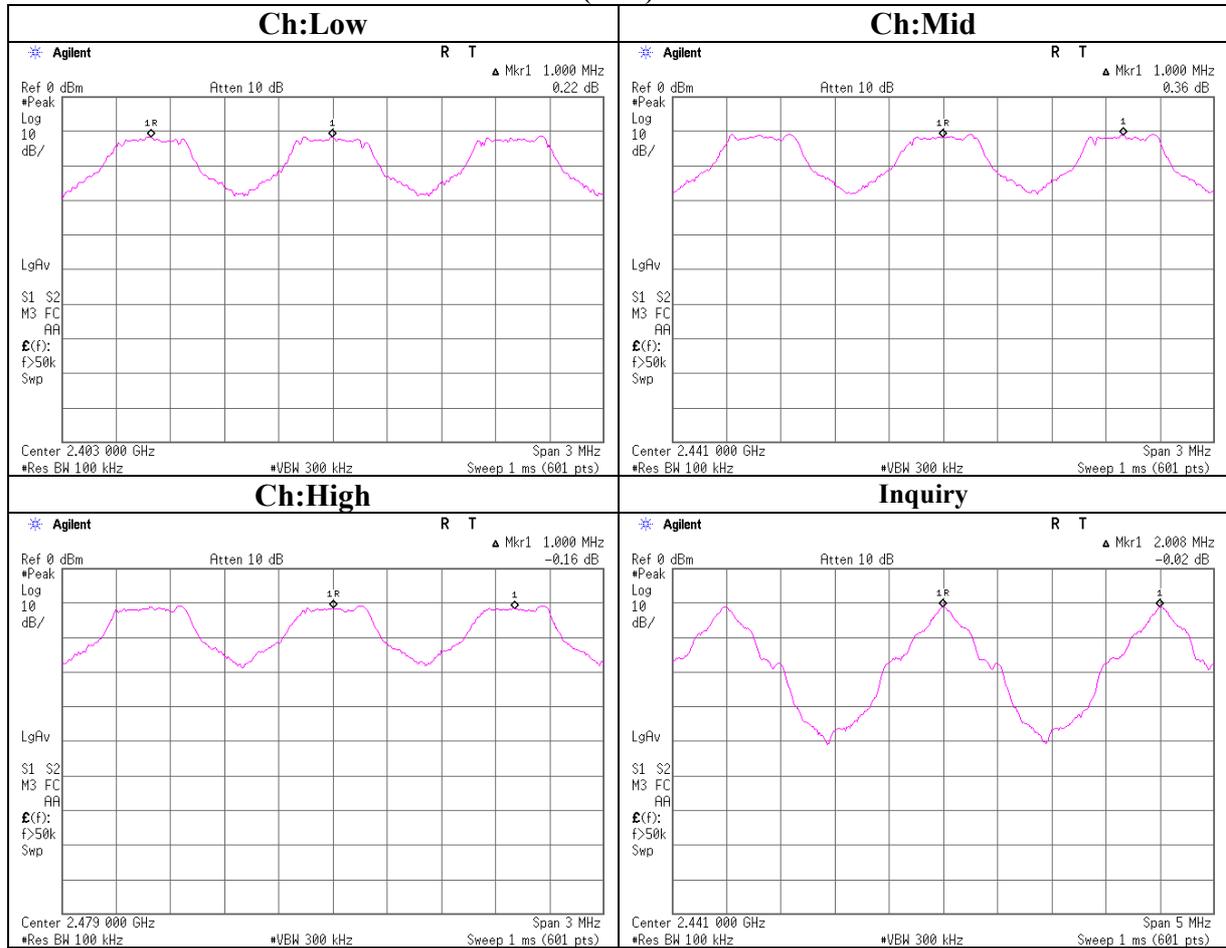
Head Office EMC Lab.

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

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

Carrier Frequency Separation
(DH5)



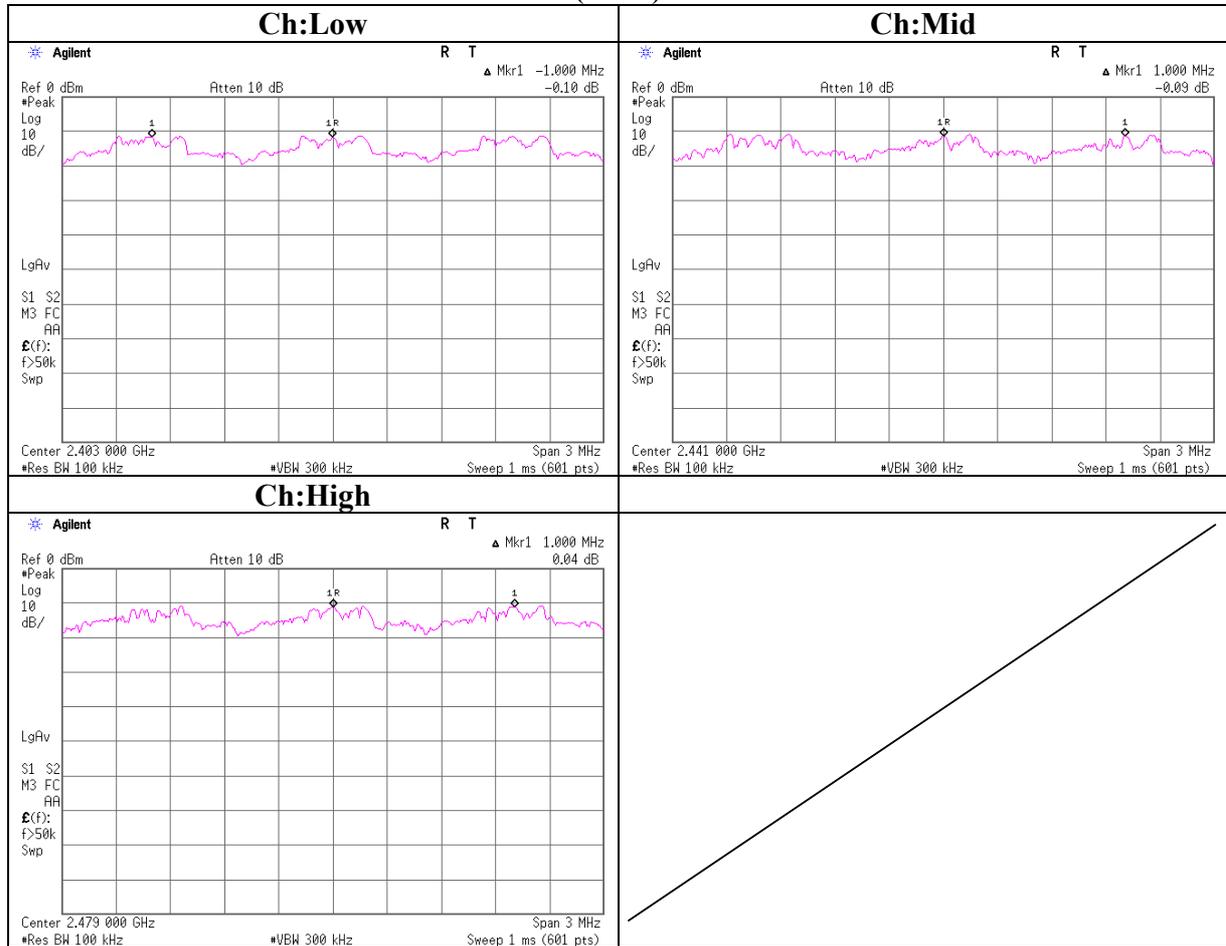
Carrier Frequency Separation
(3DH5)

UL Japan, Inc.
 Head Office EMC Lab. No.7 measurement room

COMPANY	: Sharp Corporation	Test Report No.	: 28IE0013-HO
EQUIPMENT	: Tri-band WCDMA & Tri-band GSM GPRS Mobile phone/ Felica Enable/Bluetooth Enable	REGULATION	: FCC15.247(a)(1)/RSS-210A8.1(b)
MODEL	: FOMA SH906iTV	TEST DISTANCE	: -
S/ N	: 004401/11/119526/5	DATE	: 05/02/2008
POWER	: AC120V / 60Hz	TEMPERATURE	: 24deg.C
MODE	: BT 3DH5, Tx(Hopping on)	HUMIDITY	: 54%
		ENGINEER	: Kazuya Yoshioka

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	0.907 [MHz] (two-thirds of 20dB Bandwidth 1.360 [MHz]) or 25[kHz] (whichever is grater)
Mid	2441.0	1.000	0.913 [MHz] (two-thirds of 20dB Bandwidth 1.370 [MHz]) or 25[kHz] (whichever is grater)
High	2480.0	1.000	0.917 [MHz] (two-thirds of 20dB Bandwidth 1.375 [MHz]) or 25[kHz] (whichever is grater)

Carrier Frequency Separation
(3DH5)



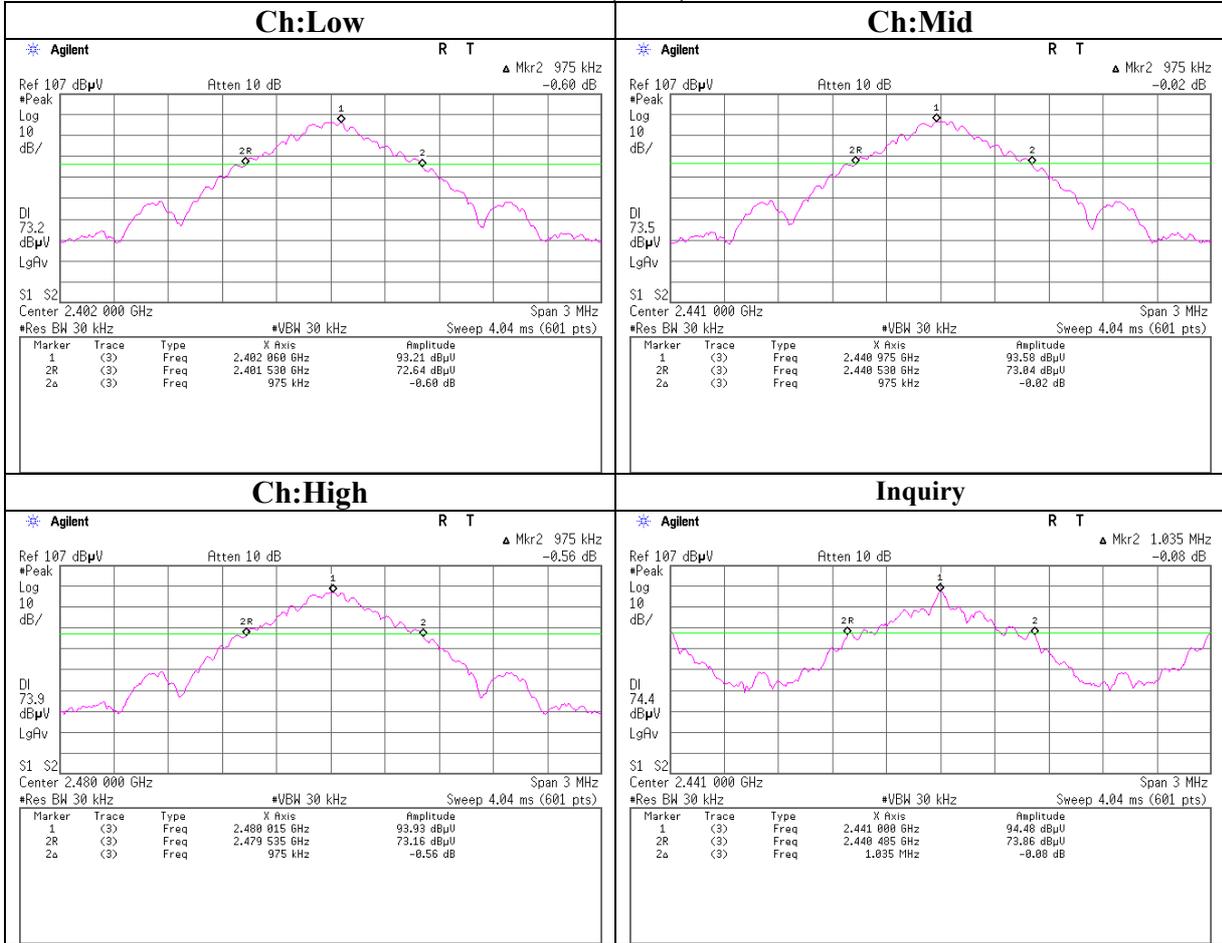
20dB Bandwidth
(DH5)

Company : Sharp Corporation
Equipment : Tri-band WCDMA &
Tri-band GSM GPRS Mobile phone/
FeliCa Enable/Bluetooth Enable
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119526/5
Power : AC120V / 60Hz
Mode : BT DH5, Tx (Hopping off) /Inquiry

UL Japan, Inc.
Head Office EMC Lab. No.7 measurement room
Test Report No. : 28IE0013-HO
Regulation : FCC15.247(a)(1)/RSS-210A8.1(a)
Test distance : -
Date : 05/02/2008
Temperature : 24deg.C
Humidity : 54%
Engineer : Kazuya Yoshioka

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.975	-
Mid	2441.0	0.975	-
High	2480.0	0.975	-
Inquiry	2441.0	1.035	-

**20dB Bandwidth
(DH5)**



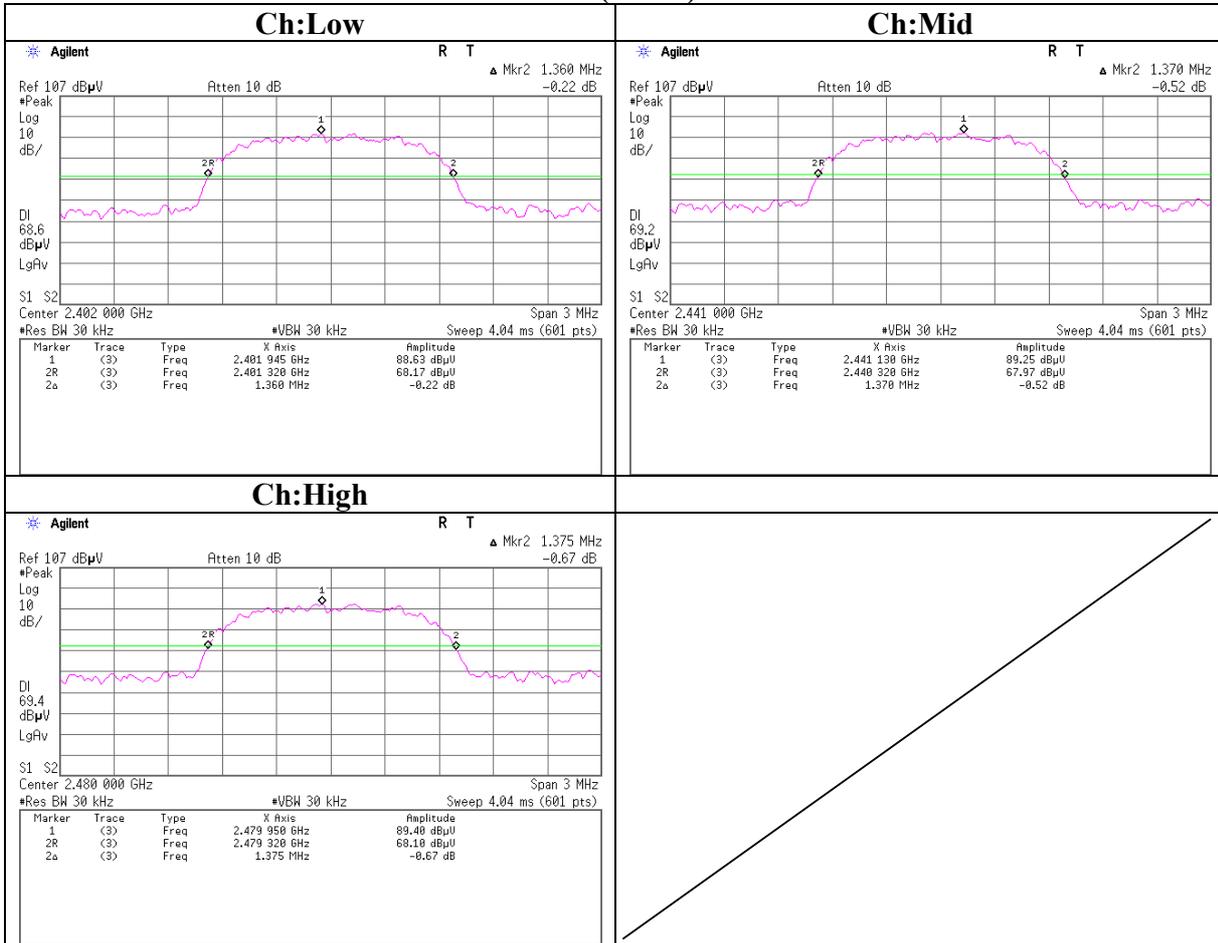
20dB Bandwidth
(3DH5)

Company : Sharp Corporation
Equipment : Tri-band WCDMA &
Tri-band GSM GPRS Mobile phone/
FeliCa Enable/Bluetooth Enable
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119526/5
Power : AC120V / 60Hz
Mode : BT 3DH5, Tx (Hopping off)

UL Japan, Inc.
Head Office EMC Lab. No.7 measurement room
Test Report No. : 28IE0013-HO
Regulation : FCC15.247(a)(1)/RSS-210A8.1(a)
Test distance : -
Date : 05/02/2008
Temperature : 24deg.C
Humidity : 54%
Engineer : Kazuya Yoshioka

Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	1.360	-
Mid	2441.0	1.370	-
High	2480.0	1.375	-

**20dB Bandwidth
(3DH5)**



Number of Hopping Frequency

UL Japan, Inc.
Head Office EMC Lab. No.7 measurement room

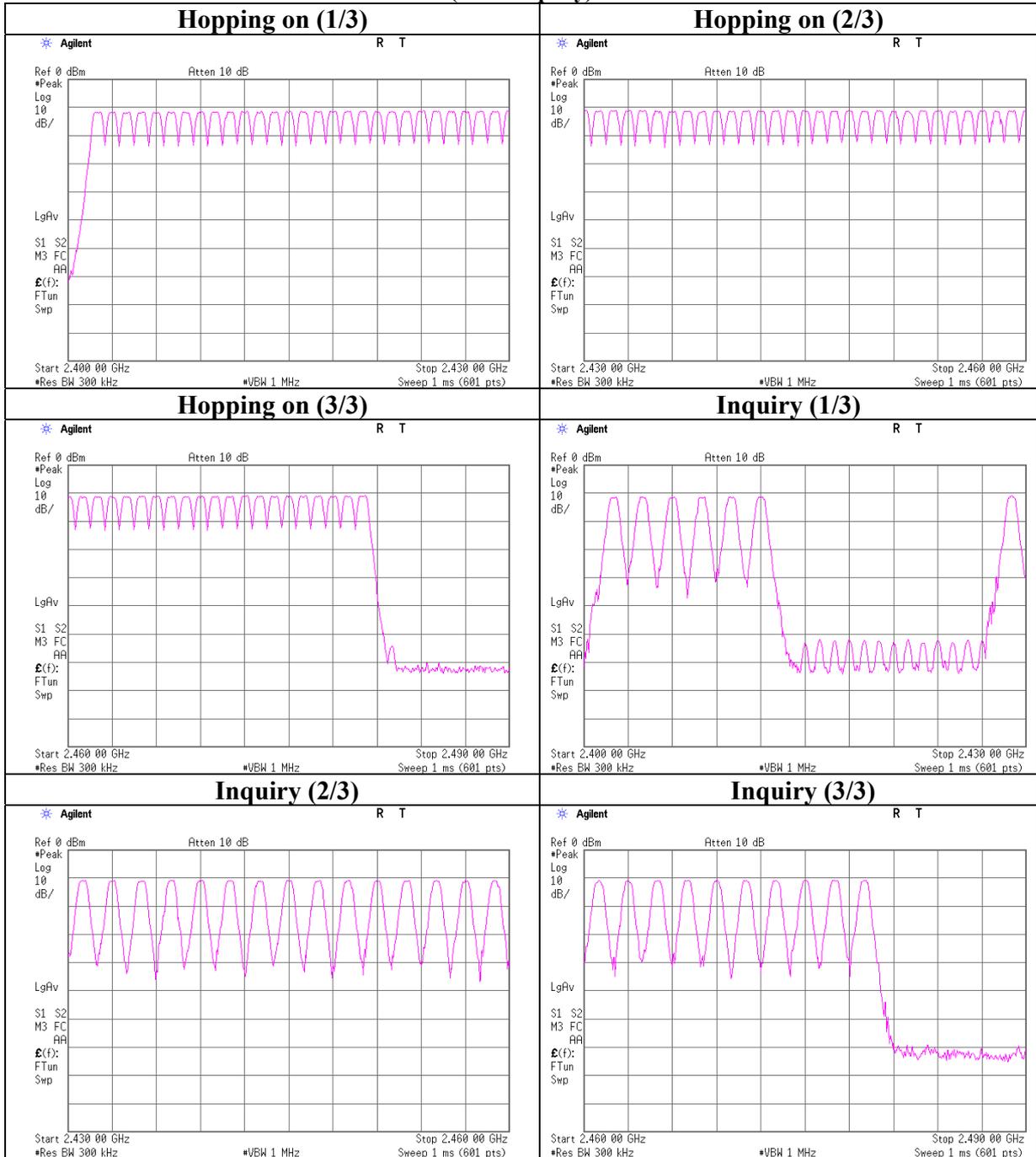
Company : Sharp Corporation
Equipment : Tri-band WCDMA &
Tri-band GSM GPRS Mobile phone/
FeliCa Enable/Bluetooth Enable
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119526/5
Power : AC120V / 60Hz
Mode : BT DH5 / 3DH5 Tx (Hopping on)/Inquiry

Test Report No. : 28IE0013-HO
Regulation : FCC15.247(a)(1)(iii)/RSS-210A8.1(d)
Test distance : -
Date : 05/02/2008
Temperature : 24deg.C
Humidity : 54%
Engineer : Kazuya Yoshioka

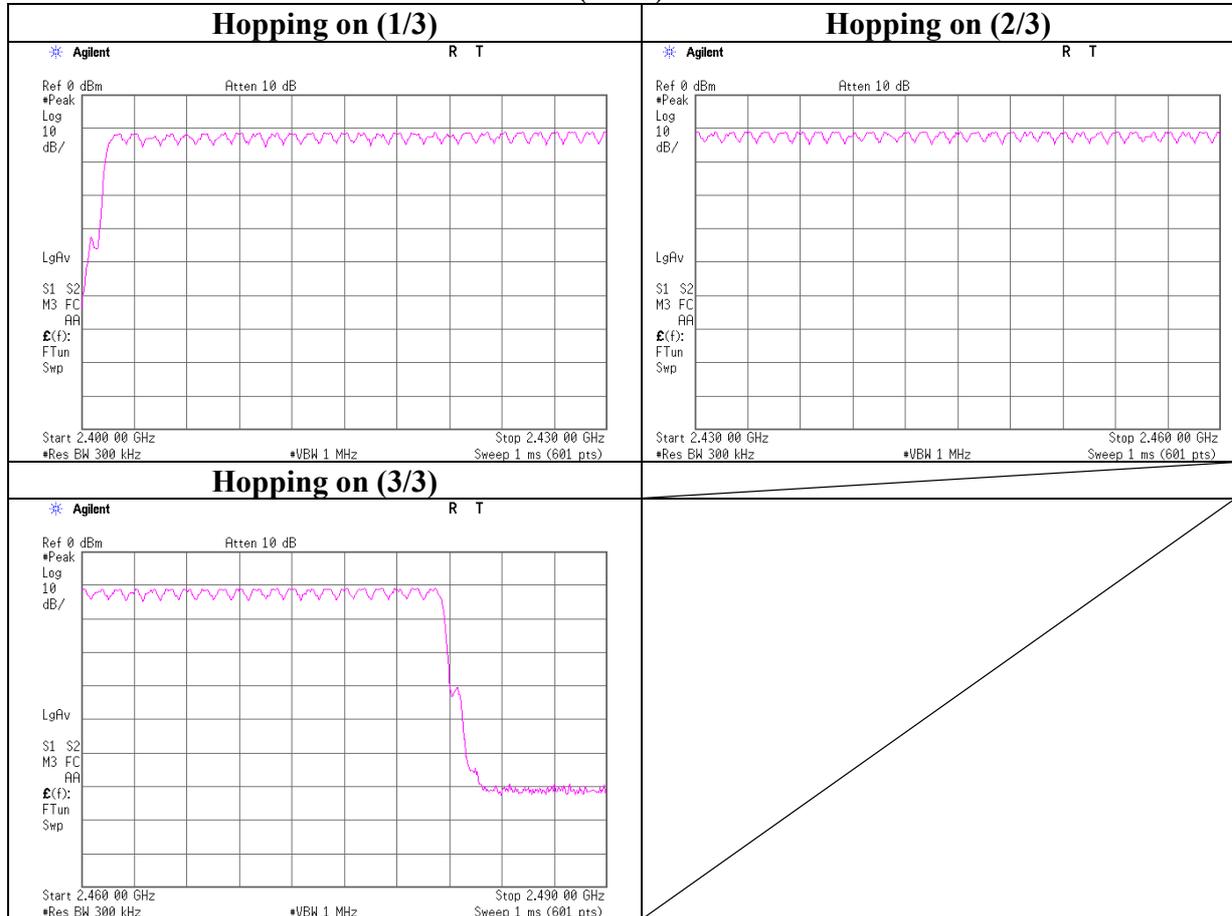
Mode	Number of channel [number]	Limit [time]
DH5	79	≥ 15
3DH5	79	≥ 15

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

**Number of Hopping Frequency
(DH5/Inquiry)**



**Number of Hopping Frequency
(3DH5)**



Dwell time

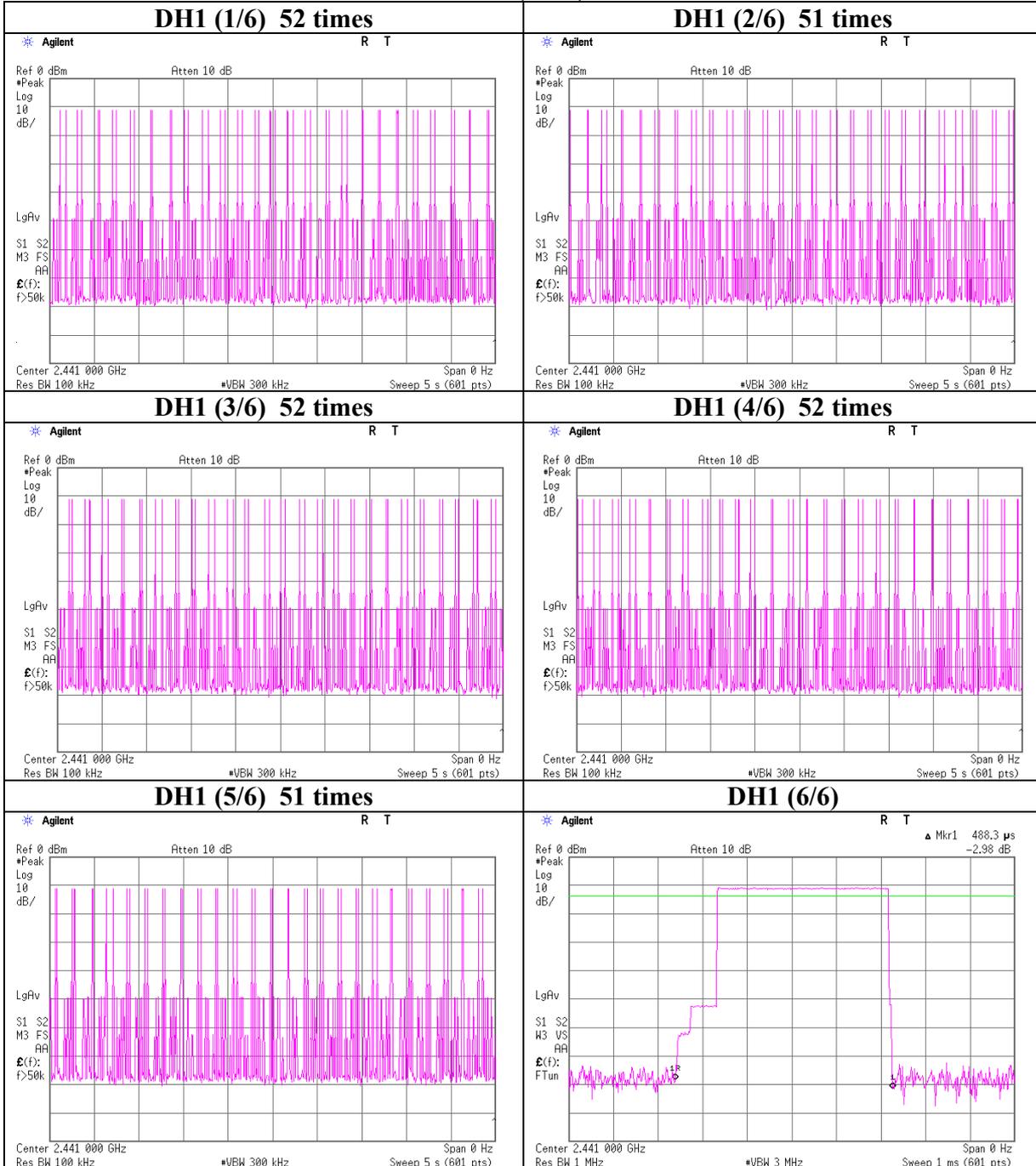
	UL Japan, Inc.
	Head Office EMC Lab. No.7 measurement room
Company : Sharp Corporation	Test Report No. : 28IE0013-HO
Equipment : Tri-band WCDMA & Tri-band GSM GPRS Mobile phone/ FeliCa Enable/Bluetooth Enable	Regulation : FCC15.247(a)(1)(iii)/RSS-210A8.1(d)
Model No. : FOMA SH906iTV	Test distance : -
Serial No. : 004401/11/119526/5	Date : 05/02/2008
Power : AC120V / 60Hz	Temperature : 24deg.C
Mode : BT Tx (Hopping on)/Inquiry	Humidity : 54%
	Engineer : Kazuya Yoshioka

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	51.6 times / 5 sec. x 31.6 sec. = 327 times	0.488	160	400
DH3	31.2 times / 5 sec. x 31.6 sec. = 198 times	1.755	347	400
DH5	17.2 times / 5 sec. x 31.6 sec. = 109 times	3.008	328	400
Inquiry	100.0 times / 1 sec. x 12.8 sec. = 1280 times	0.187	240	400

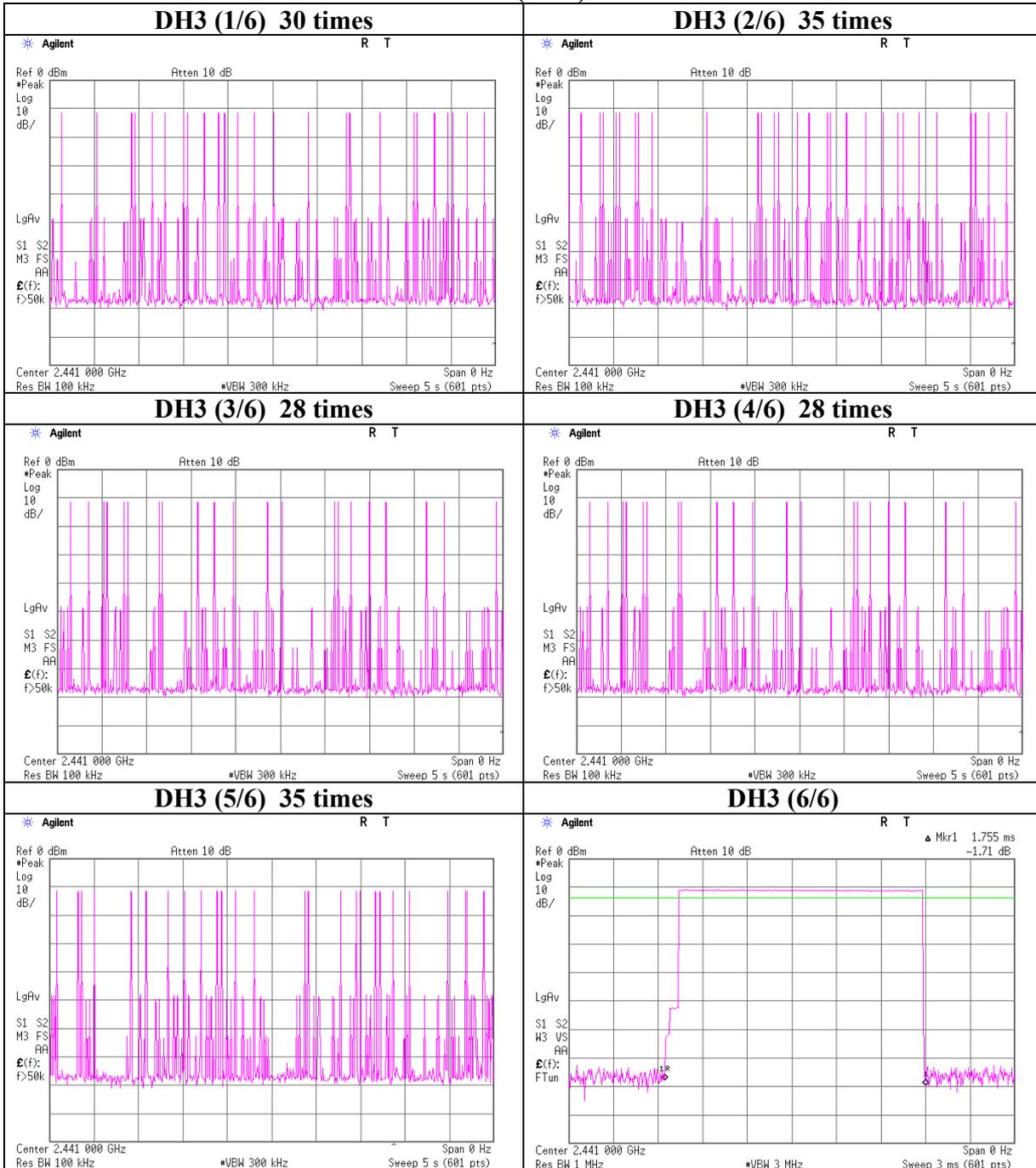
Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
3DH1	51.0 times / 5 sec. x 31.6 sec. = 323 times	0.492	159	400
3DH3	30.0 times / 5 sec. x 31.6 sec. = 190 times	1.800	342	400
3DH5	18.2 times / 5 sec. x 31.6 sec. = 116 times	3.008	349	400

* Average data of 5 tests.(except Inquiry)

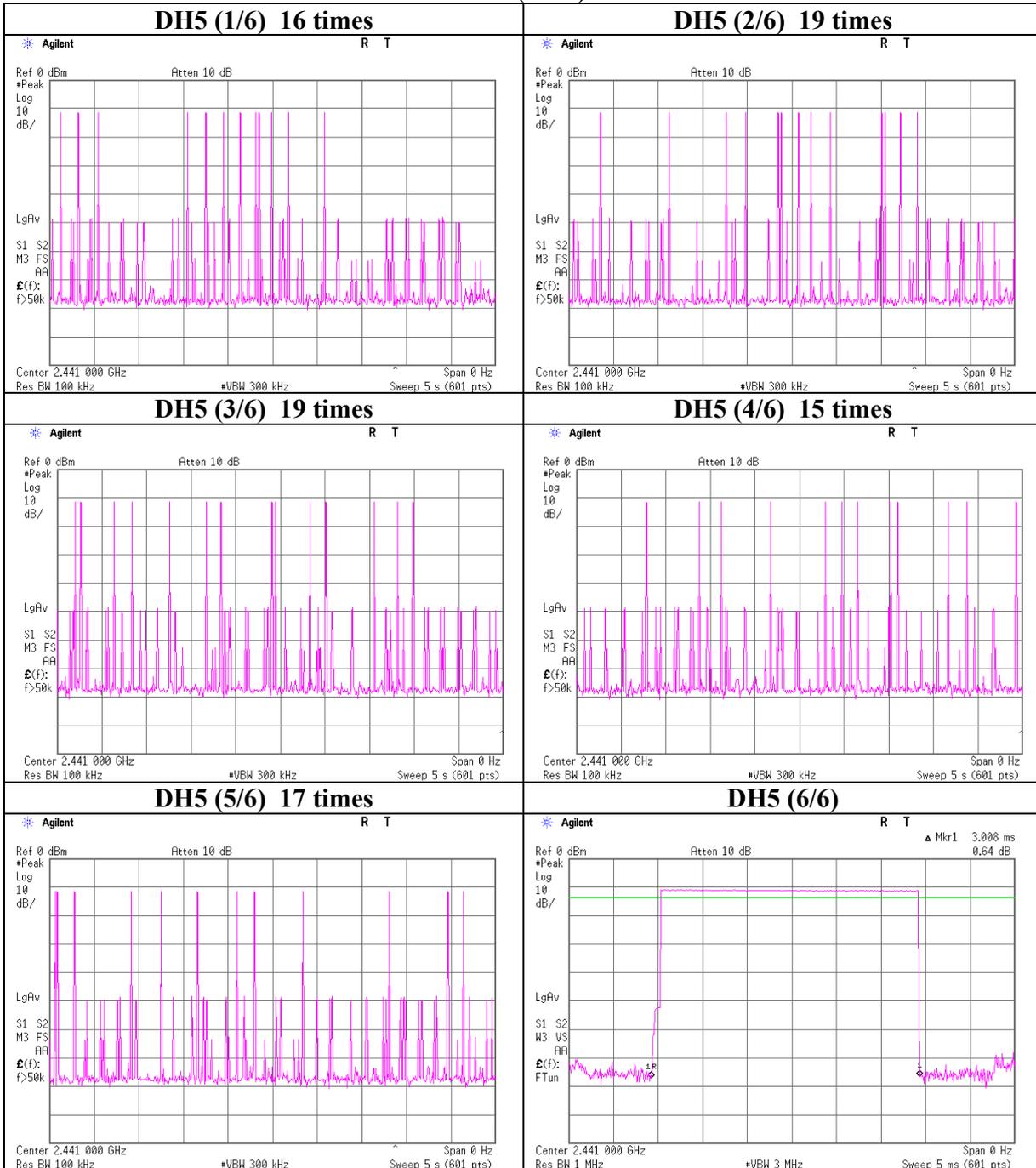
**Dwell time
(DH1)**



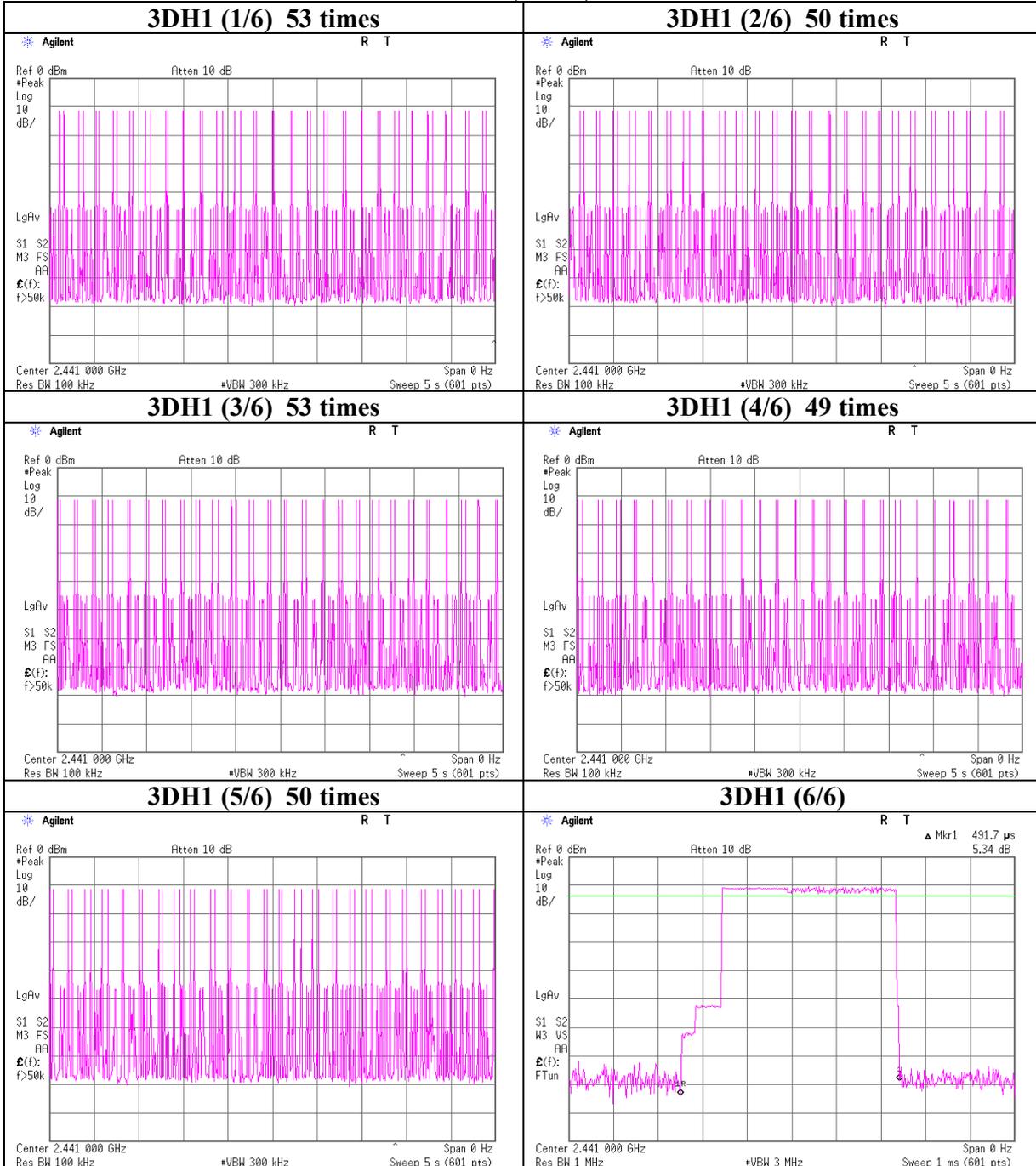
Dwell time
(DH3)



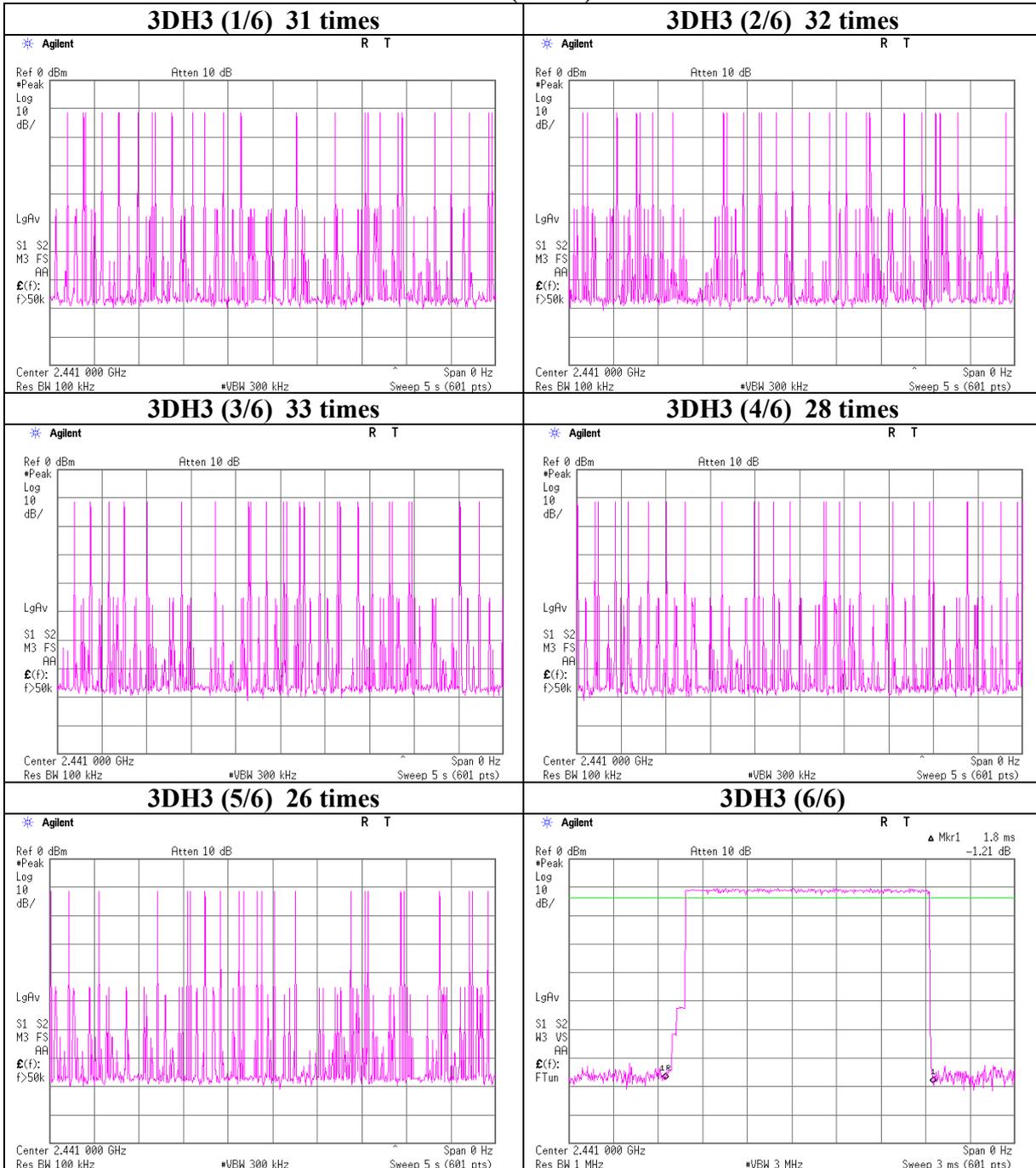
**Dwell time
(DH5)**



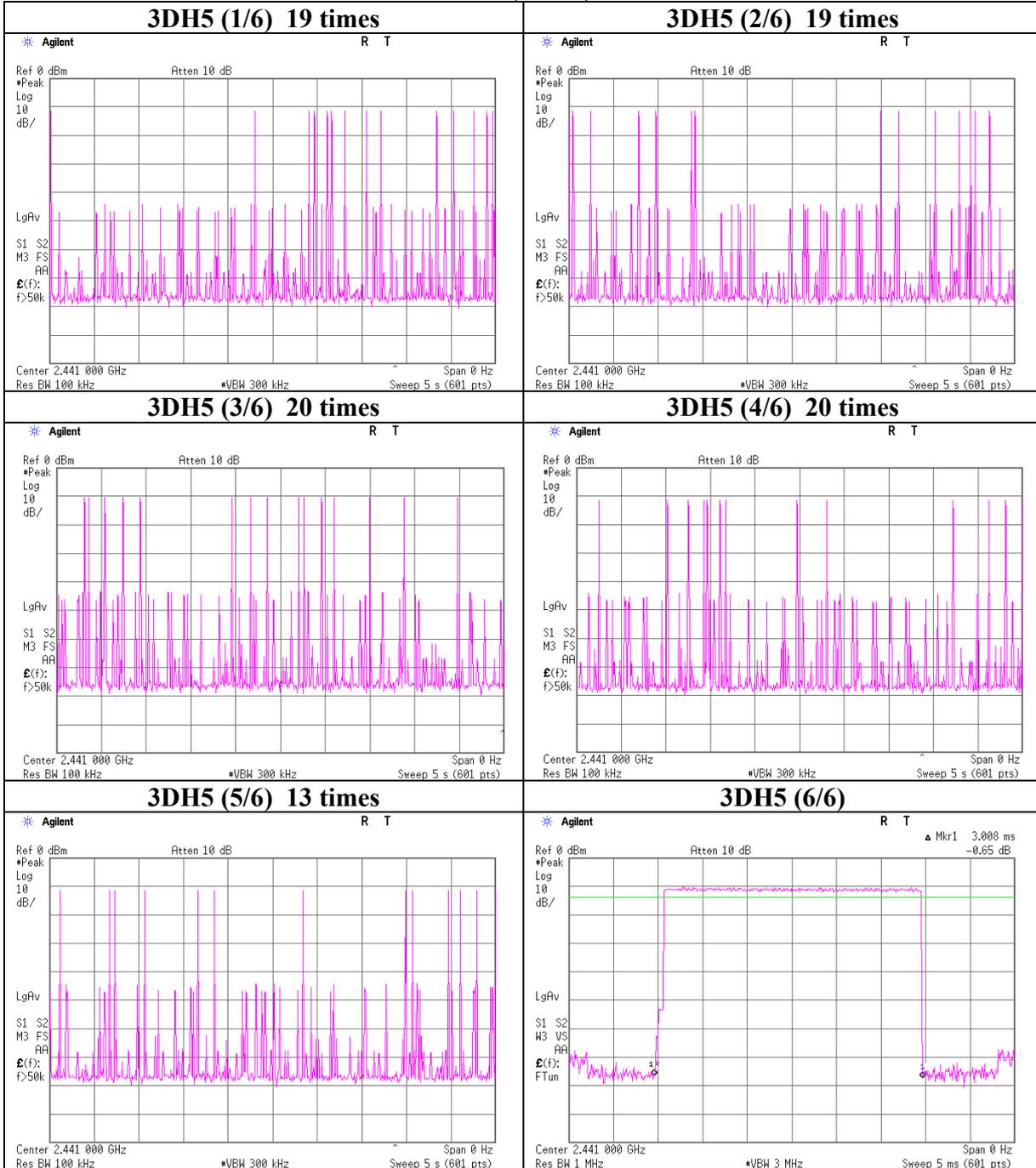
**Dwell time
(3DH1)**



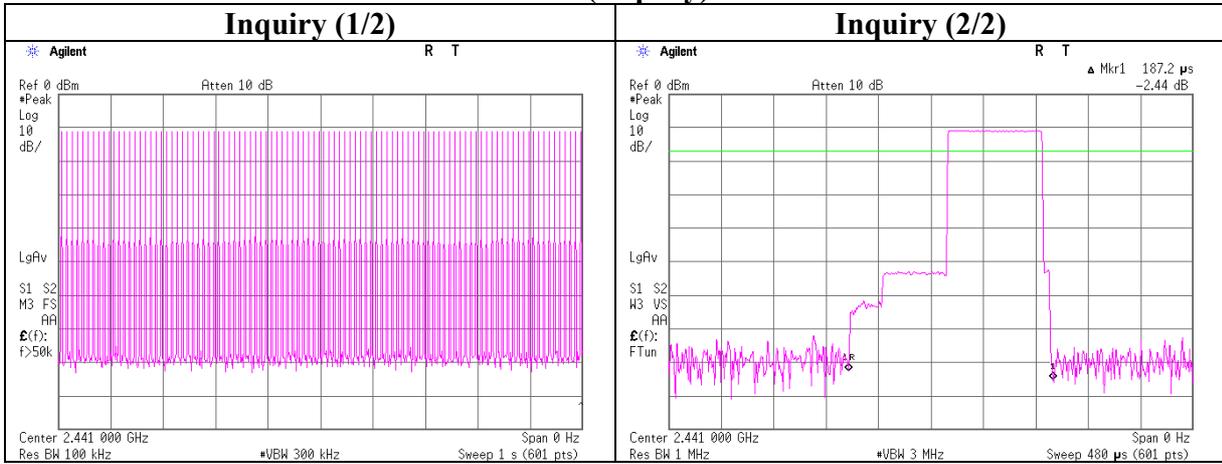
Dwell time
(3DH3)



Dwell time
(3DH5)



Dwell time
(Inquiry)



**Maximum Peak Output Power
(DH5)**

UL Japan, Inc.

Head Office EMC Lab. No.7 measurement room

Company : Sharp Corporation
 Equipment : Tri-band WCDMA &
 Tri-band GSM GPRS Mobile phone/
 FeliCa Enable/Bluetooth Enable
 Model No. : FOMA SH906iTV
 Serial No. : 004401/11/119526/5
 Power : AC120V / 60Hz
 Mode : BT DH5, Tx(Hopping Off)/Inquiry

Test Report No. : 28IE0013-HO
 Regulation : FCC15.247(b)(1)/RSS-210A8.4(2)
 Test distance : -
 Date : 05/02/2008
 Temperature : 24deg.C
 Humidity : 54%
 Engineer : Kazuya Yoshioka

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-10.07	0.10	10.09	0.12	1.03	20.97	125	20.85
Mid	2441.0	-9.62	0.10	10.09	0.57	1.14	20.97	125	20.40
High	2480.0	-9.52	0.10	10.09	0.67	1.17	20.97	125	20.30
Inquiry	2441.0	-9.38	0.10	10.09	0.81	1.21	20.97	125	20.16

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.

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

**Maximum Peak Output Power
(2DH5)**

UL Japan, Inc.

Head Office EMC Lab. No.7 measurement room

Company : Sharp Corporation

Equipment : Tri-band WCDMA &

Tri-band GSM GPRS Mobile phone/

FeliCa Enable/Bluetooth Enable

Model No. : FOMA SH906iTV

Serial No. : 004401/11/119526/5

Power : AC120V / 60Hz

Mode : BT 2DH5, Tx(Hopping Off)

Test Report No. : 28IE0013-HO

Regulation : FCC15.247(b)(1)/RSS-210A8.4(2)

Test distance : -

Date : 05/02/2008

Temperature : 24deg.C

Humidity : 54%

Engineer : Kazuya Yoshioka

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-9.32	0.10	10.09	0.87	1.22	20.97	125	20.10
Mid	2441.0	-8.93	0.10	10.09	1.26	1.34	20.97	125	19.71
High	2480.0	-8.85	0.10	10.09	1.34	1.36	20.97	125	19.63

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.

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

Maximum Peak Output Power
(3DH5)

UL Japan, Inc.
Head Office EMC Lab. No.7 measurement room

Company : Sharp Corporation
Equipment : Tri-band WCDMA &
Tri-band GSM GPRS Mobile phone/
FeliCa Enable/Bluetooth Enable
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119526/5
Power : AC120V / 60Hz
Mode : BT 3DH5, Tx(Hopping Off)

Test Report No. : 28IE0013-HO
Regulation : FCC15.247(b)(1)/RSS-210A8.4(2)
Test distance : -
Date : 05/02/2008
Temperature : 24deg.C
Humidity : 54%
Engineer : Kazuya Yoshioka

Ch	Freq. [MHz]	P/M Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
Low	2402.0	-8.97	0.10	10.09	1.22	1.32	20.97	125	19.75
Mid	2441.0	-8.69	0.10	10.09	1.50	1.41	20.97	125	19.47
High	2480.0	-8.66	0.10	10.09	1.53	1.42	20.97	125	19.44

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 (DH5)

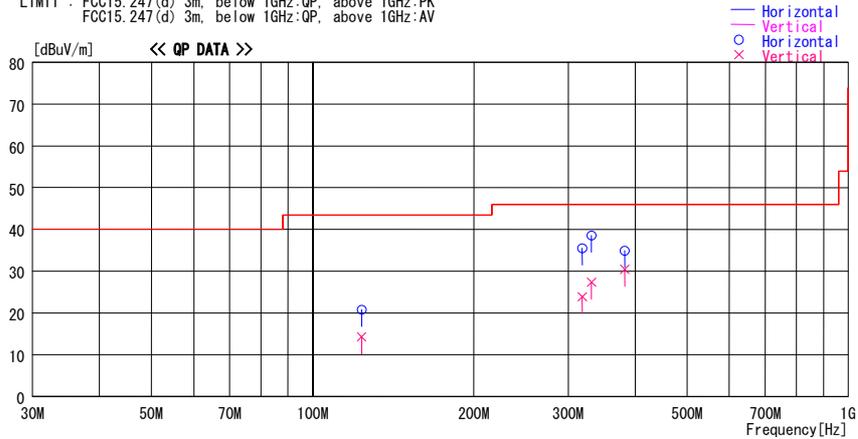
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9
Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 24deg. C / 45%
Operator : Tomotaka Sasagawa

Mode / Remarks : BT Tx DH5 2402MHz, Worst-axis(Hori:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



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]							
123.419	31.5	QP	12.9	-23.6	20.8	205	100	Hori.	43.5	22.7	
123.419	25.0	QP	12.9	-23.6	14.3	331	100	Vert.	43.5	29.3	
318.504	40.6	QP	16.9	-22.0	35.5	355	100	Hori.	46.0	10.5	
318.740	28.9	QP	17.0	-22.0	23.9	19	100	Vert.	46.0	22.1	
331.491	32.2	QP	17.1	-21.9	27.4	7	100	Vert.	46.0	18.7	
331.496	43.4	QP	17.1	-21.9	38.6	238	100	Hori.	46.0	7.4	
382.601	34.2	QP	17.7	-21.5	30.4	112	100	Vert.	46.0	15.6	
382.601	38.7	QP	17.7	-21.5	34.9	25	100	Hori.	46.0	11.1	

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)

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:Mid (DH5)

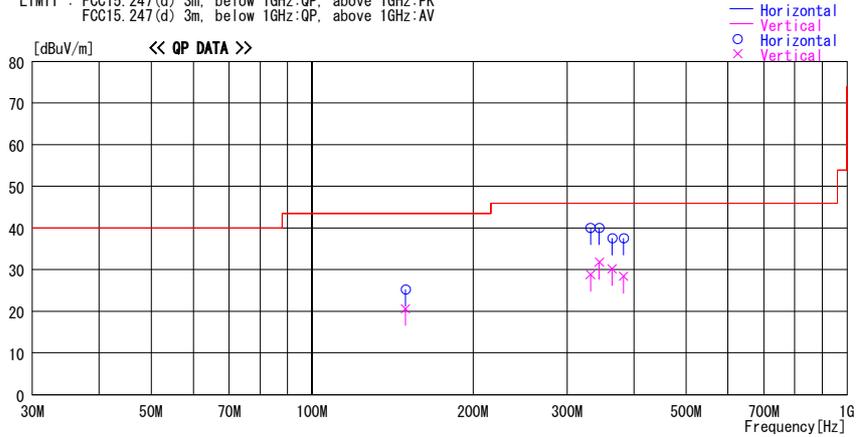
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9
Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 23deg.C / 48%
Operator : Yutaka Yoshida

Mode / Remarks : BT Tx DH5 2441MHz, Worst-axis(Hori:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
			Factor [dB/m]	Gain [dB]						
149.497	33.7	QP	14.9	-23.4	25.2	145	211	Hori.	43.5	18.3
149.497	29.1	QP	14.9	-23.4	20.6	332	224	Vert.	43.5	22.9
331.500	44.8	QP	17.1	-21.9	40.0	2	100	Hori.	46.0	6.0
331.500	33.6	QP	17.1	-21.9	28.8	299	272	Vert.	46.0	17.2
344.499	44.5	QP	17.3	-21.8	40.0	6	100	Hori.	46.0	6.0
344.499	36.2	QP	17.3	-21.8	31.7	21	254	Vert.	46.0	14.3
364.001	41.7	QP	17.5	-21.7	37.5	359	100	Hori.	46.0	8.5
364.001	34.4	QP	17.5	-21.7	30.2	10	316	Vert.	46.0	15.8
382.601	41.3	QP	17.7	-21.5	37.5	356	100	Hori.	46.0	8.5
382.601	32.2	QP	17.7	-21.5	28.4	68	267	Vert.	46.0	17.6

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)

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:High (DH5)

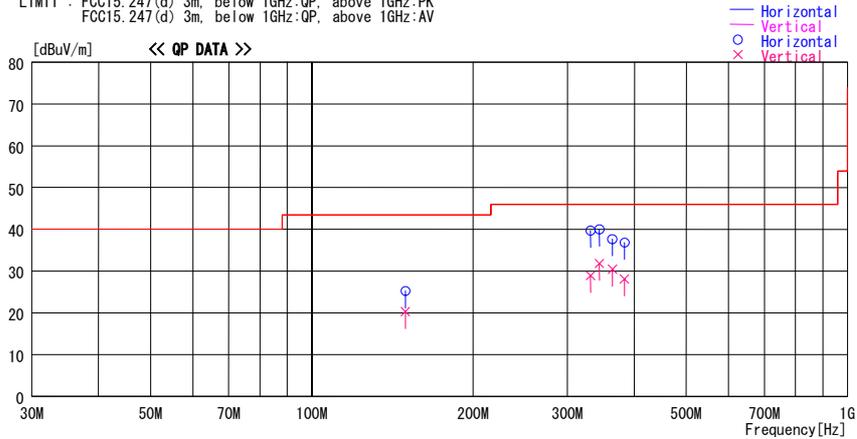
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9
Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 23deg.C / 48%
Operator : Yutaka Yoshida

Mode / Remarks : BT Tx DH5 2480MHz, Worst-axis(Hori:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
149.500	33.7	QP	14.9	-23.4	25.2	129	243	Hori.	43.5	18.3	
149.500	28.8	QP	14.9	-23.4	20.3	287	197	Vert.	43.5	23.2	
331.499	44.5	QP	17.1	-21.9	39.7	359	100	Hori.	46.0	6.3	
331.499	33.7	QP	17.1	-21.9	28.9	291	324	Vert.	46.0	17.1	
344.498	44.5	QP	17.3	-21.8	40.0	359	100	Hori.	46.0	6.0	
344.498	36.3	QP	17.3	-21.8	31.8	22	324	Vert.	46.0	14.2	
364.001	41.9	QP	17.5	-21.7	37.7	358	100	Hori.	46.0	8.3	
364.001	34.6	QP	17.5	-21.7	30.4	19	273	Vert.	46.0	15.6	
383.500	40.7	QP	17.7	-21.5	36.9	352	100	Hori.	46.0	9.1	
383.500	31.9	QP	17.7	-21.5	28.1	66	265	Vert.	46.0	17.9	

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)

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:Low (3DH5)

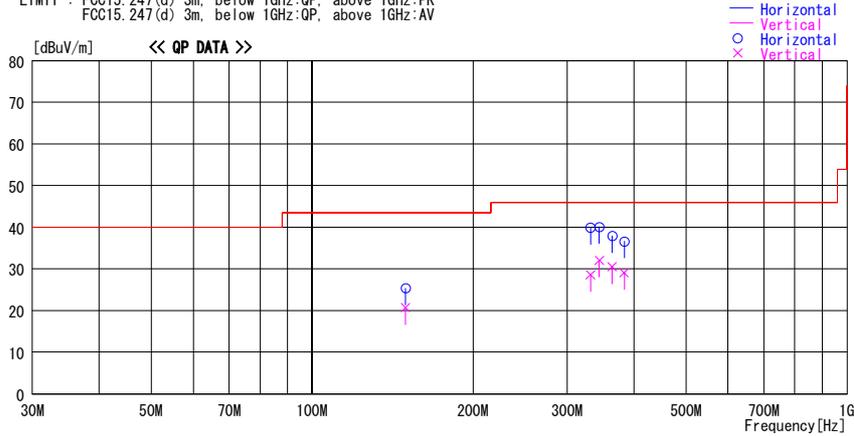
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9
Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 23deg. C / 48%
Operator : Yutaka Yoshida

Mode / Remarks : BT Tx 3DH5 2402MHz, Worst-axis (Hori:Z, Ver:Z)

LIMIT : FCC15, 247 (d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15, 247 (d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBUV]	DET	Antenna		Level [dBUV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	
			Factor [dB/m]	Loss& Gain [dB]					[dBUV/m]	[dB]
149.499	33.9	QP	14.9	-23.4	25.4	133	244	Hori.	43.5	18.1
149.499	29.2	QP	14.9	-23.4	20.7	314	172	Vert.	43.5	22.8
331.500	44.7	QP	17.1	-21.9	39.9	0	100	Hori.	46.0	6.1
331.500	33.4	QP	17.1	-21.9	28.6	25	296	Vert.	46.0	17.4
344.500	44.6	QP	17.3	-21.8	40.1	0	100	Hori.	46.0	5.9
344.500	36.5	QP	17.3	-21.8	32.0	18	310	Vert.	46.0	14.0
364.000	42.1	QP	17.5	-21.7	37.9	0	100	Hori.	46.0	8.1
364.000	34.7	QP	17.5	-21.7	30.5	18	292	Vert.	46.0	15.5
383.500	40.4	QP	17.7	-21.5	36.6	348	100	Hori.	46.0	9.4
383.500	32.9	QP	17.7	-21.5	29.1	64	264	Vert.	46.0	16.9

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)

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:Mid (3DH5)

DATA OF RADIATED EMISSION TEST

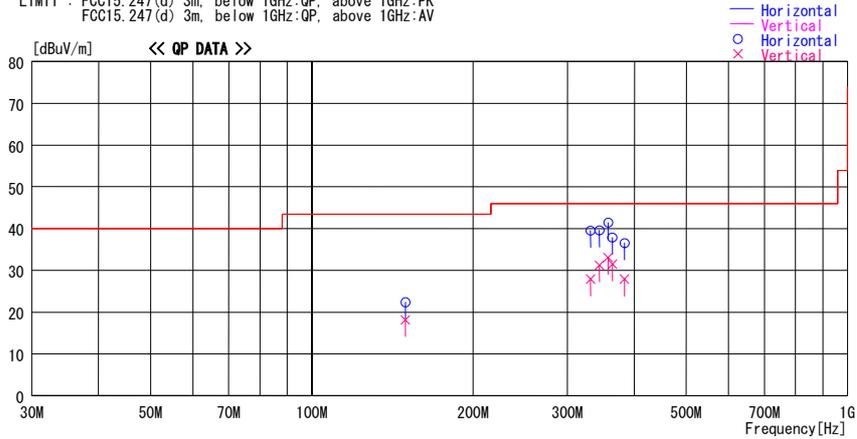
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9

Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 23deg. C / 48%
Operator : Yutaka Yoshida

Mode / Remarks : BT Tx 3DH5 2441MHz, Worst-axis (Hori:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
149.501	30.9	QP	14.9	-23.4	22.4	145	211	Hori.	43.5	21.1	
149.501	26.7	QP	14.9	-23.4	18.2	332	224	Vert.	43.5	25.3	
331.499	32.8	QP	17.1	-21.9	28.0	299	272	Vert.	46.0	18.1	
331.499	44.3	QP	17.1	-21.9	39.5	0	100	Hori.	46.0	6.5	
344.501	44.1	QP	17.3	-21.8	39.6	6	100	Hori.	46.0	6.4	
344.501	35.8	QP	17.3	-21.8	31.3	21	254	Vert.	46.0	14.7	
357.500	37.4	QP	17.4	-21.7	33.1	21	311	Vert.	46.0	12.9	
357.500	45.8	QP	17.4	-21.7	41.5	359	100	Hori.	46.0	4.5	
364.000	35.7	QP	17.5	-21.7	31.5	10	316	Vert.	46.0	14.5	
364.000	42.1	QP	17.5	-21.7	37.9	0	100	Hori.	46.0	8.1	
383.499	31.7	QP	17.7	-21.5	27.9	68	267	Vert.	46.0	18.1	
383.499	40.3	QP	17.7	-21.5	36.5	357	100	Hori.	46.0	9.5	

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)

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:High (3DH5)

DATA OF RADIATED EMISSION TEST

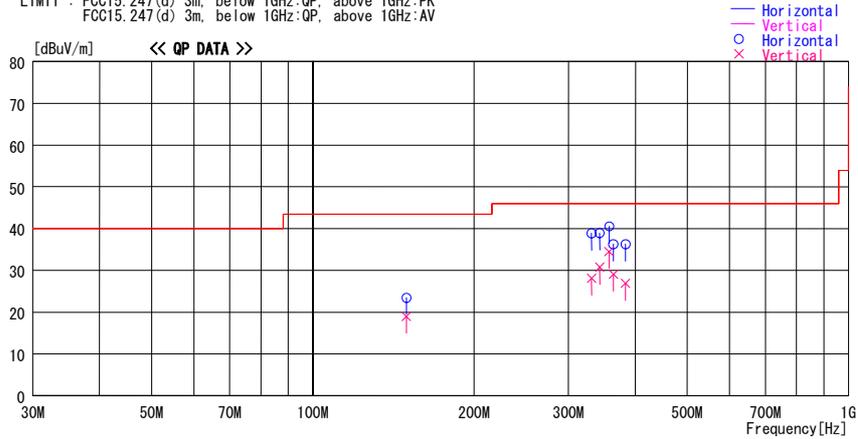
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9

Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 23deg. C / 48%
Operator : Yutaka Yoshida

Mode / Remarks : BT Tx 3DH5 2480MHz, Worst-axis (Hori:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
149.504	31.9	QP	14.9	-23.4	23.4	134	236	Hori.	43.5	20.1	
149.504	27.5	QP	14.9	-23.4	19.0	309	203	Vert.	43.5	24.5	
331.499	43.6	QP	17.1	-21.9	38.8	359	100	Hori.	46.0	7.2	
331.499	32.9	QP	17.1	-21.9	28.1	299	314	Vert.	46.0	17.9	
343.501	43.5	QP	17.3	-21.8	39.0	359	100	Hori.	46.0	7.0	
343.501	35.3	QP	17.3	-21.8	30.8	20	332	Vert.	46.0	15.3	
357.499	44.9	QP	17.4	-21.7	40.6	85	100	Hori.	46.0	5.4	
357.499	38.8	QP	17.4	-21.7	34.5	21	277	Vert.	46.0	11.5	
364.000	40.5	QP	17.5	-21.7	36.3	0	100	Hori.	46.0	9.7	
364.000	33.3	QP	17.5	-21.7	29.1	22	253	Vert.	46.0	16.9	
383.499	40.1	QP	17.7	-21.5	36.3	354	100	Hori.	46.0	9.7	
383.499	30.7	QP	17.7	-21.5	26.9	17	263	Vert.	46.0	19.1	

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)

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

Radiated Spurious Emission (below 1GHz)
Rx, Ch:Mid

DATA OF RADIATED EMISSION TEST

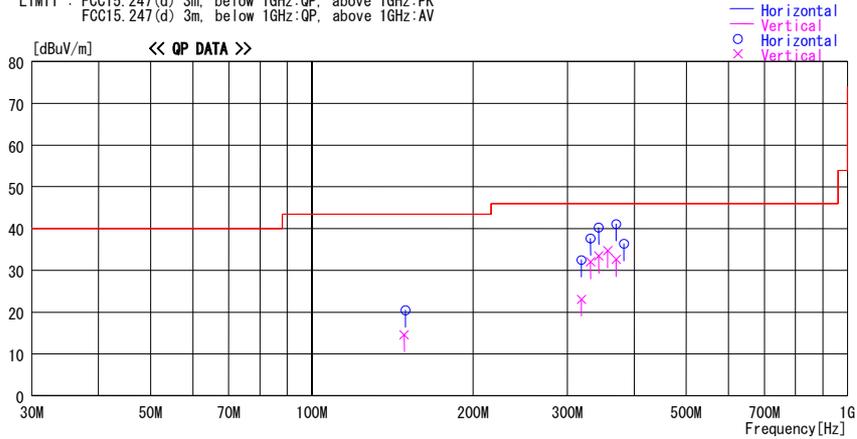
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/04/30

Company : Sharp Corporation
Kind of EUT : Mobile Phone
Model No. : FOMA SH906iTV
Serial No. : 004401/11/119529/9

Report No. : 281E0013-HO
Power : DC3.7V
Temp./Humi. : 24deg. C / 45%
Operator : Tomotaka Sasagawa

Mode / Remarks : BT Rx 2441MHz, Worst-axis(Hori:Z, Ver:Z)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]					
148.776	23.1	QP	14.9	-23.4	14.6	Vert.	43.5	28.9	
149.496	29.0	QP	14.9	-23.4	20.5	Hori.	43.5	23.0	
318.504	37.6	QP	16.9	-22.0	32.5	Hori.	46.0	13.5	
318.740	28.1	QP	17.0	-22.0	23.1	Vert.	46.0	22.9	
331.491	36.9	QP	17.1	-21.9	32.1	Vert.	46.0	14.0	
331.496	42.4	QP	17.1	-21.9	37.6	Hori.	46.0	8.4	
343.401	44.7	QP	17.3	-21.8	40.2	Hori.	46.0	5.8	
343.401	37.9	QP	17.3	-21.8	33.4	Vert.	46.0	12.6	
356.701	39.0	QP	17.4	-21.7	34.7	Vert.	46.0	11.3	
370.001	45.2	QP	17.5	-21.6	41.1	Hori.	46.0	4.9	
370.001	36.7	QP	17.5	-21.6	32.6	Vert.	46.0	13.4	
382.601	40.2	QP	17.7	-21.5	36.4	Hori.	46.0	9.6	

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)

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:Low, Mid, High (DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3m
Sample No.	: 004401/11/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx DH5 2402,2441,2480MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

20dBc(Fundamental 2402MHz) (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	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2402.0	96.1	95.4	27.0	32.2	2.8	0.0	93.7	93.0	-	-	-
2	343.4	47.6	39.3	17.3	32.0	10.2	0.0	43.1	34.8	Funda-20dB	30.6	38.2
3	357.5	49.5	42.5	17.4	32.0	10.3	0.0	45.2	38.2	Funda-20dB	28.5	34.8
4	370.5	46.3	37.1	17.6	32.0	10.4	0.0	42.3	33.1	Funda-20dB	31.4	39.9

20dBc(Fundamental 2441MHz) (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	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2441.0	96.2	91.5	27.1	32.1	2.9	0.0	94.1	89.4	-	-	-
2	357.5	48.1	37.8	17.4	32.0	10.3	0.0	43.8	33.5	Funda-20dB	30.3	35.9
3	370.0	45.4	36.8	16.6	32.0	10.4	0.0	40.4	31.8	Funda-20dB	33.7	37.6

20dBc(Fundamental 2480MHz) (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	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2480.0	94.1	93.9	27.2	32.1	2.9	0.0	92.1	91.9	-	-	-
2	357.5	47.8	37.9	17.4	32.0	10.3	0.0	43.5	33.6	Funda-20dB	28.6	38.3
3	370.5	46.3	37.8	17.6	32.0	10.4	0.0	42.3	33.8	Funda-20dB	29.8	38.1

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

Radiated Spurious Emission (below 1GHz)
Tx, Ch:Low, Mid, High (3DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3m
Sample No.	: 004401/11/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx 3DH5 2402,2441,2480MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

20dBc(Fundamental 2402MHz) (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 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2402.0	91.9	90.9	27.0	32.2	2.8	0.0	89.5	88.5	-	-	-
2	357.5	47.4	38.0	16.2	32.0	10.3	0.0	41.9	32.5	Funda-20dB	27.6	36.0
3	370.5	45.4	38.1	17.6	32.0	10.4	0.0	41.4	34.1	Funda-20dB	28.1	34.4

20dBc(Fundamental 2441MHz) (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 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2441.0	92.2	89.9	27.1	32.1	2.9	0.0	90.1	87.8	-	-	-
2	370.5	43.8	35.4	17.6	32.0	10.4	0.0	39.8	31.4	Funda-20dB	30.3	36.4

20dBc(Fundamental 2480MHz) (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 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2480.0	91.8	92.1	27.2	32.1	2.9	0.0	89.8	90.1	-	-	-
2	370.5	44.0	36.3	17.6	32.0	10.4	0.0	40.0	32.3	Funda-20dB	29.8	37.8

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

Radiated Spurious Emission (above 1GHz)
Tx, Ch:Low (DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3/1m
Sample No.	: 004401/11/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx DH5 2402MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

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	2390.0	43.7	43.2	27.0	32.2	3.9	0.0	42.4	41.9	73.9	31.5	32.0
2*	2400.0	72.4	68.1	27.0	32.2	5.5	0.0	72.7	68.4	73.9	-	-
3	4804.0	41.9	41.7	30.8	30.9	8.0	0.0	49.8	49.6	73.9	24.1	24.3
4	7206.0	42.4	41.6	35.7	32.0	9.9	0.0	56.0	55.2	73.9	17.9	18.7
5	9608.0	43.0	42.7	38.2	32.4	11.4	0.0	60.2	59.9	73.9	13.7	14.0
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	-	-	-	-	-	-	-	-	-	-	-
7	14412.0	-	-	-	-	-	-	-	-	-	-	-
8	16814.0	-	-	-	-	-	-	-	-	-	-	-
9	19216.0	-	-	-	-	-	-	-	-	-	-	-
10	21618.0	-	-	-	-	-	-	-	-	-	-	-
11	24020.0	44.9	44.8	38.7	31.0	8.4	0.0	51.5	51.4	73.9	22.4	22.5

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	2390.0	29.5	29.5	27.0	32.2	3.9	0.0	28.2	28.2	53.9	25.7	25.7
2*	2400.0	69.6	64.3	27.0	32.2	5.5	0.0	69.9	64.6	53.9	-	-
3	4804.0	29.6	28.6	30.8	30.9	8.0	0.0	37.5	36.5	53.9	16.4	17.4
4	7206.0	29.1	29.2	35.7	32.0	9.9	0.0	42.7	42.8	53.9	11.2	11.1
5	9608.0	29.1	29.6	38.2	32.4	11.4	0.0	46.3	46.8	53.9	7.6	7.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	-	-	-	-	-	-	-	-	-	-	-
7	14412.0	-	-	-	-	-	-	-	-	-	-	-
8	16814.0	-	-	-	-	-	-	-	-	-	-	-
9	19216.0	-	-	-	-	-	-	-	-	-	-	-
10	21618.0	-	-	-	-	-	-	-	-	-	-	-
11	24020.0	33.7	33.8	38.7	31.0	8.4	0.0	40.3	40.4	53.9	13.6	13.5

* Reference data

20dBc(Fundamental 2402MHz) (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	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2402.0	96.1	95.4	27.0	32.2	2.8	0.0	93.7	93.0	-	-	-
2	2400.0	38.1	33.6	27.0	32.2	2.8	0.0	35.7	31.2	Funda-20dB	38.0	41.8

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

- *Except for the above table : All other spurious emissions were less than 20dB for the limit.
- *In the frequency over the fifth harmonic, the noise from the EUT was not seen. The data above is its base noise.
- *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.

Radiated Spurious Emission (above 1GHz)
Tx, Ch:Mid (DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3/1m
Sample No.	: 004401/1/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx DH5 2441MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

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	4882.0	40.3	40.2	31.0	30.9	3.5	0.0	43.9	43.8	73.9	30.0	30.1
2	7323.0	41.3	41.2	35.9	32.1	4.3	0.0	49.4	49.3	73.9	24.5	24.6
3	9764.0	40.9	40.8	38.3	32.4	5.2	0.0	52.0	51.9	73.9	21.9	22.0
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	-	-	-	-	-	-	-	-	-	-	-
5	14646.0	-	-	-	-	-	-	-	-	-	-	-
6	17087.0	-	-	-	-	-	-	-	-	-	-	-
7	19528.0	-	-	-	-	-	-	-	-	-	-	-
8	21969.0	-	-	-	-	-	-	-	-	-	-	-
9	24410.0	45.3	45.2	38.8	31.0	8.5	0.0	52.1	52.0	73.9	21.8	21.9

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	4882.0	28.6	28.7	31.0	30.9	3.5	0.0	32.2	32.3	53.9	21.7	21.6
2	7323.0	29.9	29.8	35.9	32.1	4.3	0.0	38.0	37.9	53.9	15.9	16.0
3	9764.0	30.2	30.2	38.3	32.4	5.2	0.0	41.3	41.3	53.9	12.6	12.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	-	-	-	-	-	-	-	-	-	-	-
5	14646.0	-	-	-	-	-	-	-	-	-	-	-
6	17087.0	-	-	-	-	-	-	-	-	-	-	-
7	19528.0	-	-	-	-	-	-	-	-	-	-	-
8	21969.0	-	-	-	-	-	-	-	-	-	-	-
9	24410.0	33.9	34.0	38.8	31.0	8.5	0.0	40.7	40.8	53.9	13.2	13.1

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

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

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

*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.

Radiated Spurious Emission (above 1GHz)
Tx, Ch:High (DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3/1m
Sample No.	: 004401/11/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx DH5 2480MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

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	2483.5	51.2	48.7	27.2	32.1	2.9	0.0	49.2	46.7	73.9	24.7	27.2
2	4960.0	41.9	41.7	31.2	30.8	3.5	0.0	45.8	45.6	73.9	28.1	28.3
3	7440.0	42.6	43.2	36.1	32.2	4.3	0.0	50.8	51.4	73.9	23.1	22.5
4	9920.0	43.0	42.3	38.4	32.4	5.3	0.0	54.3	53.6	73.9	19.6	20.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.0	-	-	-	-	-	-	-	-	-	-	-
6	14880.0	-	-	-	-	-	-	-	-	-	-	-
7	17360.0	-	-	-	-	-	-	-	-	-	-	-
8	19840.0	-	-	-	-	-	-	-	-	-	-	-
9	22320.0	-	-	-	-	-	-	-	-	-	-	-
10	24800.0	45.1	44.8	38.9	31.0	8.5	0.0	52.0	51.7	73.9	21.9	22.2

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	2483.5	48.1	46.7	27.2	32.1	2.9	0.0	46.1	44.7	53.9	7.8	9.2
2	4960.0	29.6	28.6	31.2	30.8	3.5	0.0	33.5	32.5	53.9	20.4	21.4
3	7440.0	29.9	29.8	36.1	32.2	4.3	0.0	38.1	38.0	53.9	15.8	15.9
4	9920.0	29.4	29.9	38.4	32.4	5.3	0.0	40.7	41.2	53.9	13.2	12.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.0	-	-	-	-	-	-	-	-	-	-	-
6	14880.0	-	-	-	-	-	-	-	-	-	-	-
7	17360.0	-	-	-	-	-	-	-	-	-	-	-
8	19840.0	-	-	-	-	-	-	-	-	-	-	-
9	22320.0	-	-	-	-	-	-	-	-	-	-	-
10	24800.0	33.8	32.9	38.9	31.0	8.5	0.0	40.7	39.8	53.9	13.2	14.1

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

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

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

*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.

Radiated Spurious Emission (above 1GHz)
Tx, Ch:Low (3DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company : Sharp Corporation
Equipment : Mobile Phone
Model No. : FOMA SH906iTV
Sample No. : 004401/11/119529/9
Power : DC 3.7V
Mode : BT Tx 3DH5 2402MHz
Remarks : Hor Z , Ver Z-axis

REPORT NO : 28IE0013-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 04/30/2008
TEMPERATURE : 24deg.C
HUMIDITY : 45%
ENGINEER : Tomotaka Sasagawa

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	2390.0	44.9	43.5	27.0	32.2	2.8	0.0	42.5	41.1	73.9	31.4	32.8
2*	2400.0	72.6	72.5	27.0	32.2	2.8	0.0	70.2	70.1	73.9	-	-
3	4804.0	41.2	42.5	30.8	30.9	3.5	0.0	44.6	45.9	73.9	29.3	28.0
4	7206.0	45.0	42.5	35.7	32.0	4.3	0.0	53.0	50.5	73.9	20.9	23.4
5	9608.0	42.5	43.1	38.2	32.4	5.1	0.0	53.4	54.0	73.9	20.5	19.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	-	-	-	-	-	-	-	-	-	-	-
7	14412.0	-	-	-	-	-	-	-	-	-	-	-
8	16814.0	-	-	-	-	-	-	-	-	-	-	-
9	19216.0	-	-	-	-	-	-	-	-	-	-	-
10	21618.0	-	-	-	-	-	-	-	-	-	-	-
11	24020.0	45.2	45.8	38.7	31.0	8.5	0.0	51.9	52.5	73.9	22.0	21.4

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	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	29.5	29.5	27.0	32.2	2.8	0.0	27.1	27.1	53.9	26.8	26.8
2*	2400.0	63.9	63.7	27.0	32.2	2.8	0.0	61.5	61.3	53.9	-	-
3	4804.0	28.6	29.9	30.8	30.9	3.5	0.0	32.0	33.3	53.9	21.9	20.6
4	7206.0	31.7	29.3	35.7	32.0	4.3	0.0	39.7	37.3	53.9	14.2	16.6
5	9608.0	29.9	29.1	38.2	32.4	5.1	0.0	40.8	40.0	53.9	13.1	13.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	-	-	-	-	-	-	-	-	-	-	-
7	14412.0	-	-	-	-	-	-	-	-	-	-	-
8	16814.0	-	-	-	-	-	-	-	-	-	-	-
9	19216.0	-	-	-	-	-	-	-	-	-	-	-
10	21618.0	-	-	-	-	-	-	-	-	-	-	-
11	24020.0	34.0	33.7	38.7	31.0	8.5	0.0	40.7	40.4	53.9	13.2	13.5

* Reference data

20dBc(Fundamental 2402MHz) (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	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2402.0	91.9	90.9	27.0	32.2	2.8	0.0	89.5	88.5	-	-	-
2	2400.0	37.7	37.5	27.0	32.2	2.8	0.0	35.3	35.1	Funda-20dB	34.2	33.4

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

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

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

*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.

Radiated Spurious Emission (above 1GHz)
Tx, Ch:Mid (3DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3/1m
Sample No.	: 004401/1/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx 3DH5 2441MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

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 [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.0	42.2	42.1	31.0	30.9	3.5	0.0	45.8	45.7	73.9	28.1	28.2
2	7323.0	42.3	41.9	35.9	32.1	4.3	0.0	50.4	50.0	73.9	23.5	23.9
3	9764.0	41.9	42.7	38.3	32.4	5.2	0.0	53.0	53.8	73.9	20.9	20.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	-	-	-	-	-	-	-	-	-	-	-
5	14646.0	-	-	-	-	-	-	-	-	-	-	-
6	17087.0	-	-	-	-	-	-	-	-	-	-	-
7	19528.0	-	-	-	-	-	-	-	-	-	-	-
8	21969.0	-	-	-	-	-	-	-	-	-	-	-
9	24410.0	45.8	44.9	38.8	31.0	8.5	0.0	52.6	51.7	73.9	21.3	22.2

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 [dBuV]					HOR [dBuV/m]	VER [dBuV/m]		HOR [dB]	VER [dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.0	28.7	29.7	31.0	30.9	3.5	0.0	32.3	33.3	53.9	21.6	20.6
2	7323.0	29.7	28.7	35.9	32.1	4.3	0.0	37.8	36.8	53.9	16.1	17.1
3	9764.0	29.4	29.5	38.3	32.4	5.2	0.0	40.5	40.6	53.9	13.4	13.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	-	-	-	-	-	-	-	-	-	-	-
5	14646.0	-	-	-	-	-	-	-	-	-	-	-
6	17087.0	-	-	-	-	-	-	-	-	-	-	-
7	19528.0	-	-	-	-	-	-	-	-	-	-	-
8	21969.0	-	-	-	-	-	-	-	-	-	-	-
9	24410.0	33.9	32.9	38.8	31.0	8.5	0.0	40.7	39.7	53.9	13.2	14.2

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

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

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

*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.

Radiated Spurious Emission (above 1GHz)
Tx, Ch:High (3DH5)

UL Japan, Inc.
Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3/1m
Sample No.	: 004401/11/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Tx 3DH5 2480MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

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	2483.5	53.4	53.3	27.2	32.1	2.9	0.0	51.4	51.3	73.9	22.5	22.6
2	4960.0	41.9	41.5	31.2	30.8	3.5	0.0	45.8	45.4	73.9	28.1	28.5
3	7440.0	42.9	43.1	36.1	32.2	4.3	0.0	51.1	51.3	73.9	22.8	22.6
4	9920.0	43.2	43.3	38.4	32.4	5.3	0.0	54.5	54.6	73.9	19.4	19.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.0	-	-	-	-	-	-	-	-	-	-	-
6	14880.0	-	-	-	-	-	-	-	-	-	-	-
7	17360.0	-	-	-	-	-	-	-	-	-	-	-
8	19840.0	-	-	-	-	-	-	-	-	-	-	-
9	22320.0	-	-	-	-	-	-	-	-	-	-	-
10	24800.0	44.9	45.3	38.9	31.0	8.5	0.0	51.8	52.2	73.9	22.1	21.7

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	2483.5	47.8	48.4	27.2	32.1	2.9	0.0	45.8	46.4	53.9	8.1	7.5
2	4960.0	28.9	28.6	31.2	30.8	3.5	0.0	32.8	32.5	53.9	21.1	21.4
3	7440.0	30.0	30.0	36.1	32.2	4.3	0.0	38.2	38.2	53.9	15.7	15.7
4	9920.0	30.3	30.3	38.4	32.4	5.3	0.0	41.6	41.6	53.9	12.3	12.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.0	-	-	-	-	-	-	-	-	-	-	-
6	14880.0	-	-	-	-	-	-	-	-	-	-	-
7	17360.0	-	-	-	-	-	-	-	-	-	-	-
8	19840.0	-	-	-	-	-	-	-	-	-	-	-
9	22320.0	-	-	-	-	-	-	-	-	-	-	-
10	24800.0	33.8	33.1	38.9	31.0	8.5	0.0	40.7	40.0	53.9	13.2	13.9

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

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

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

*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.

Radiated Spurious Emission (above 1GHz)
Rx, Ch:Mid

UL Japan, Inc.
 Head Office EMC Lab. No.4Semi Anechoic Chamber

Company	: Sharp Corporation	REPORT NO	: 28IE0013-HO
Equipment	: Mobile Phone	REGULATION	: FCC15.247(d)/RSS-210A8.5
Model No.	: FOMA SH906iTV	TEST DISTANCE	: 3m
Sample No.	: 004401/11/119529/9	DATE	: 04/30/2008
Power	: DC 3.7V	TEMPERATURE	: 24deg.C
Mode	: BT Rx 2441MHz	HUMIDITY	: 45%
Remarks	: Hor Z , Ver Z-axis	ENGINEER	: Tomotaka Sasagawa

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	2442.7	46.3	46.8	27.1	32.1	2.9	0.0	44.2	44.7	73.9	29.7	29.2
2	4882.0	42.3	41.8	31.0	30.9	3.5	0.0	45.9	45.4	73.9	28.0	28.5
3	7323.0	42.3	42.5	35.9	32.1	4.3	0.0	50.4	50.6	73.9	23.5	23.3

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

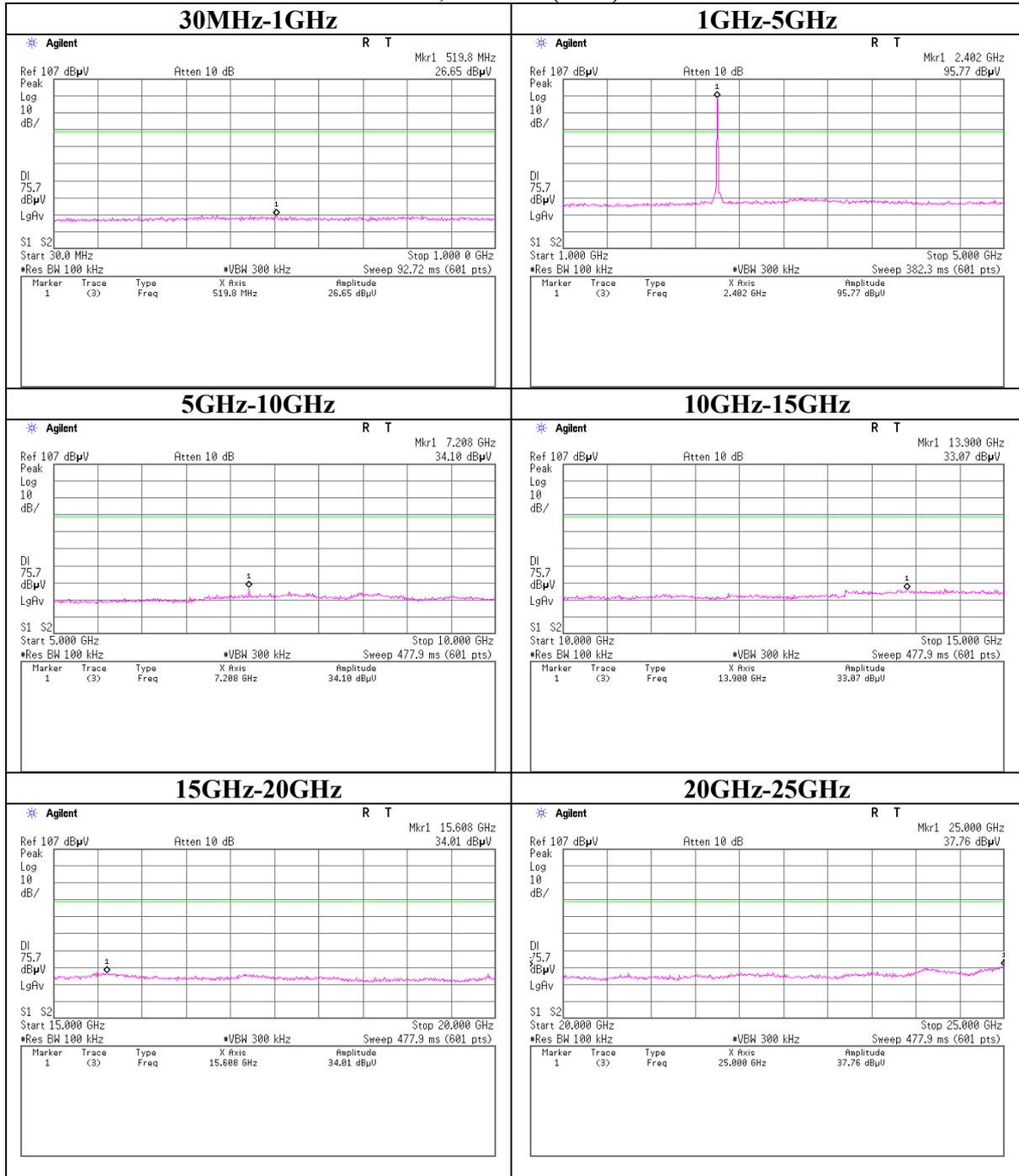
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit AV [dBuV/m]	MARGIN	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2442.7	43.1	41.8	27.1	32.1	2.9	0.0	41.0	39.7	53.9	12.9	14.2
2	4882.0	28.9	28.6	31.0	30.9	3.5	0.0	32.5	32.2	53.9	21.4	21.7
3	7323.0	29.4	29.4	35.9	32.1	4.3	0.0	37.5	37.5	53.9	16.4	16.4

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

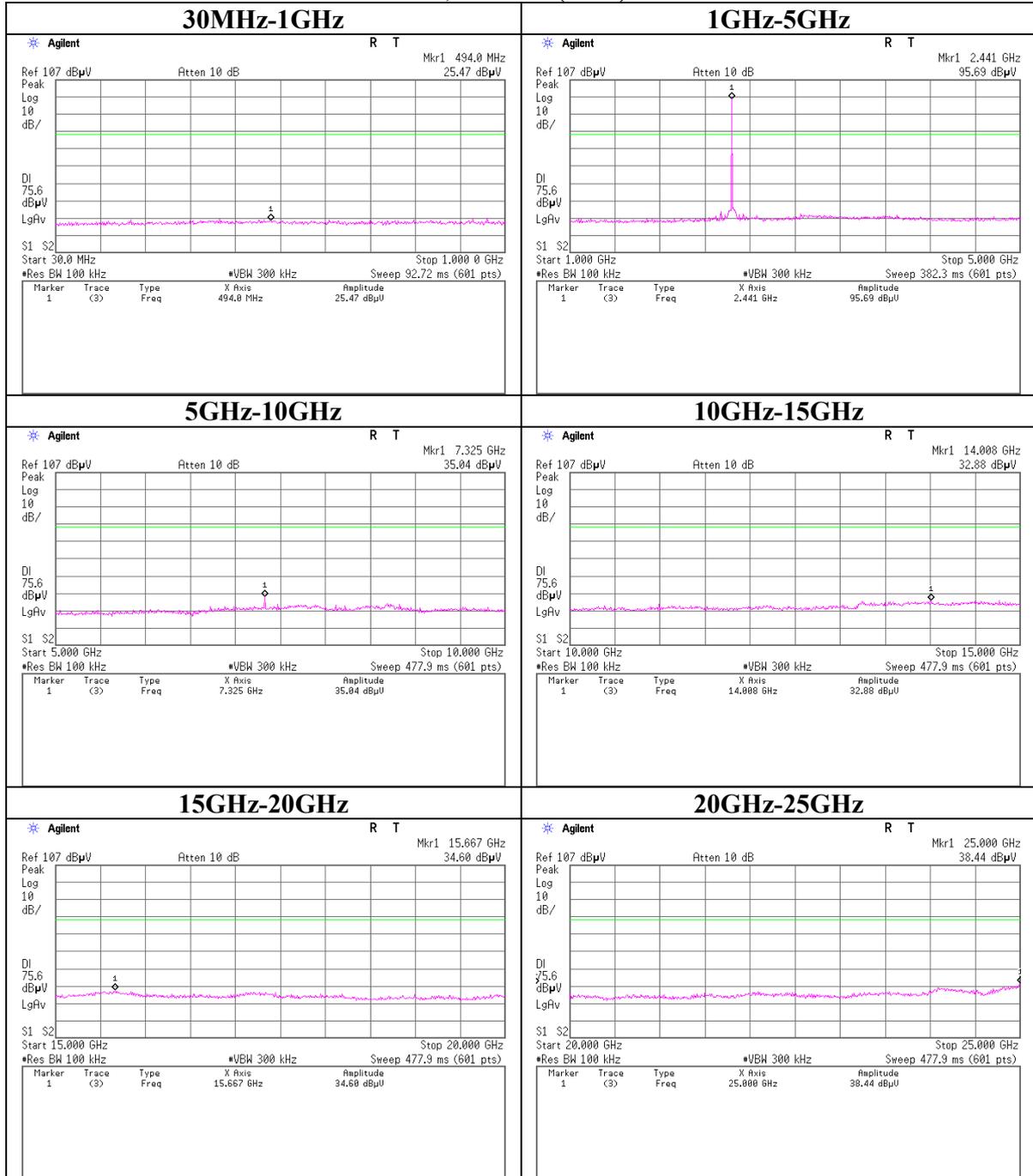
*The test result is round off to one or two decimal places, so some differences might be observed.

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

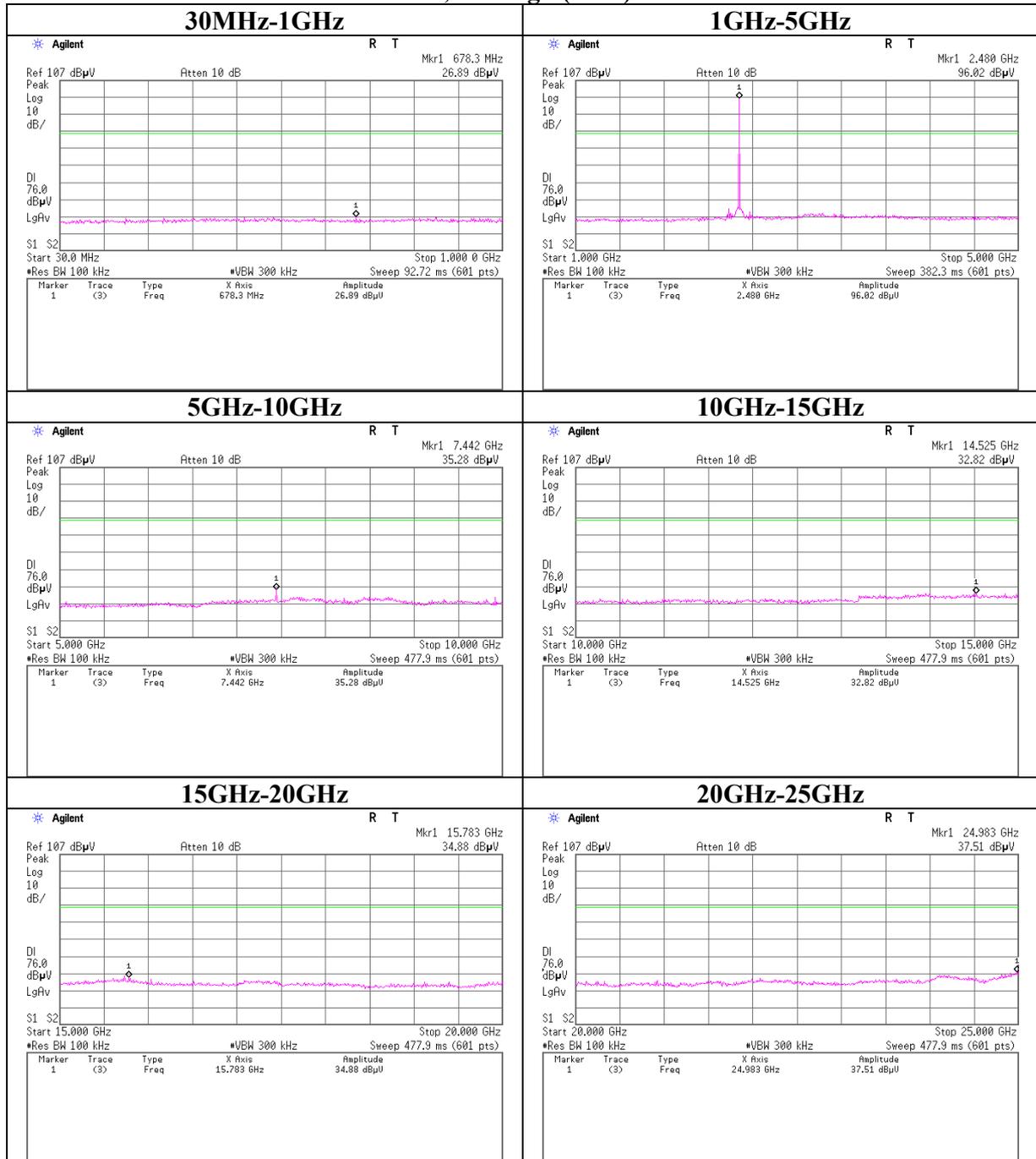
Conducted Spurious Emission
Tx, Ch:Low (DH5)



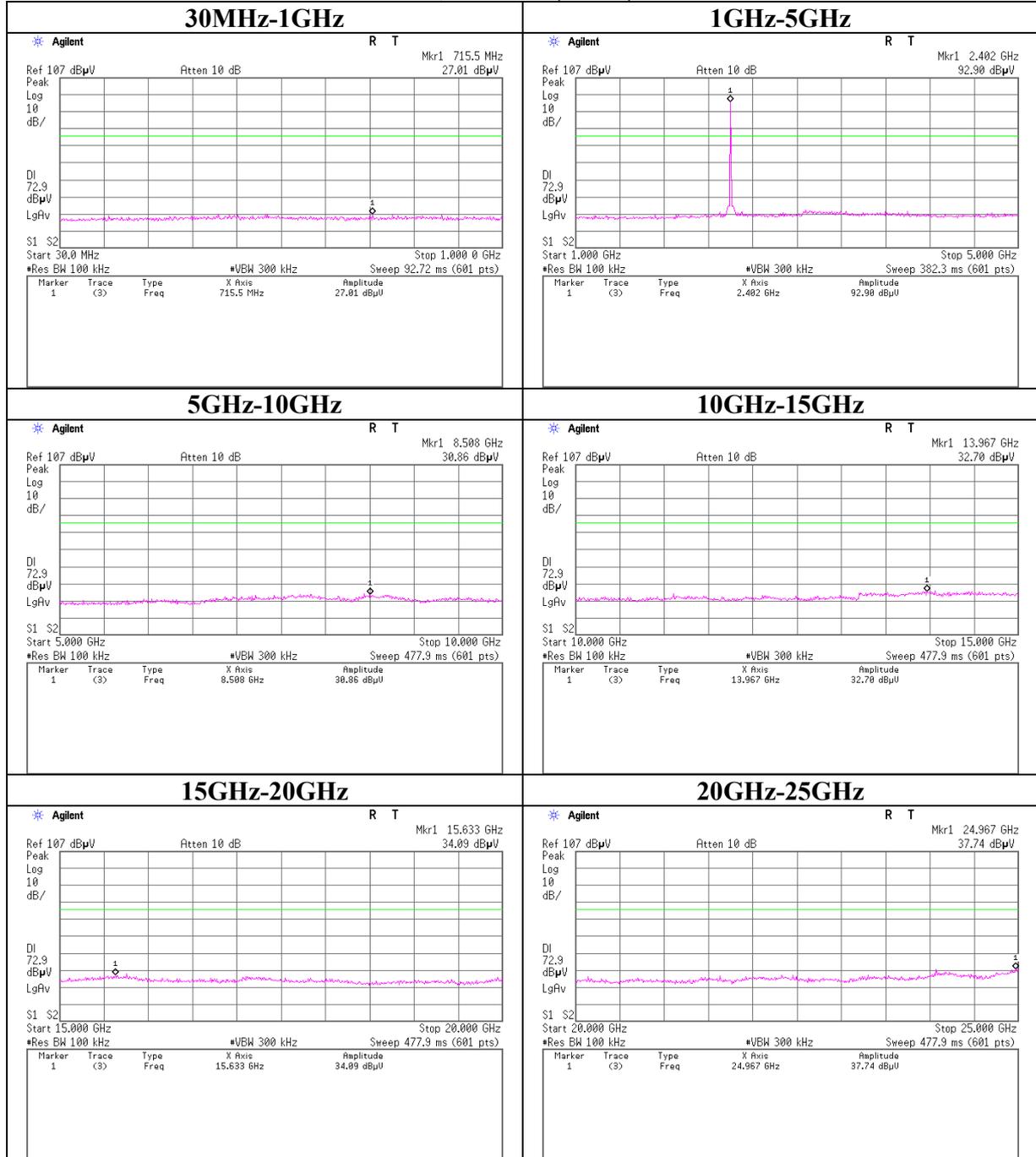
Conducted Spurious Emission
Tx, Ch:Mid (DH5)



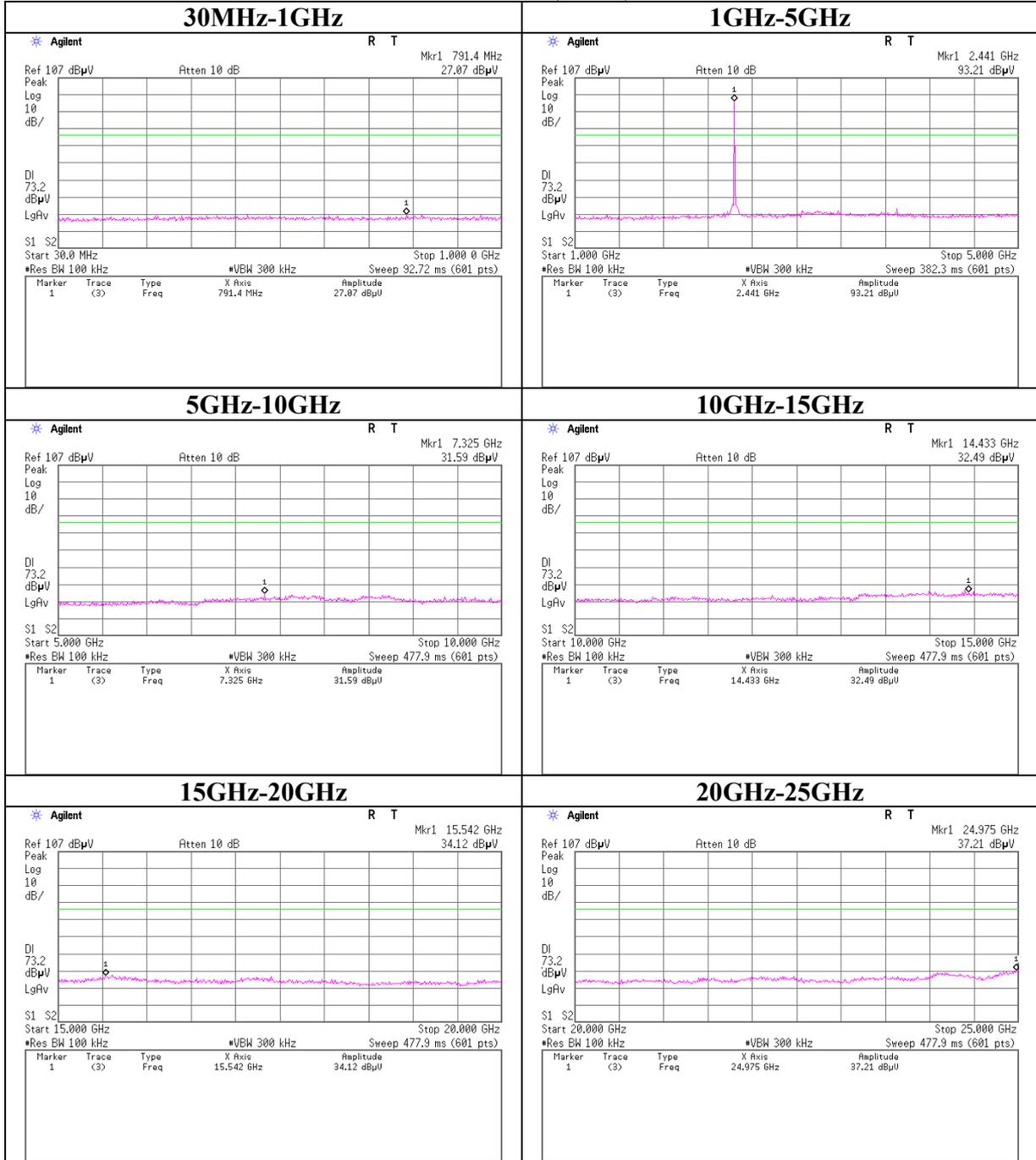
Conducted Spurious Emission
Tx, Ch:High (DH5)



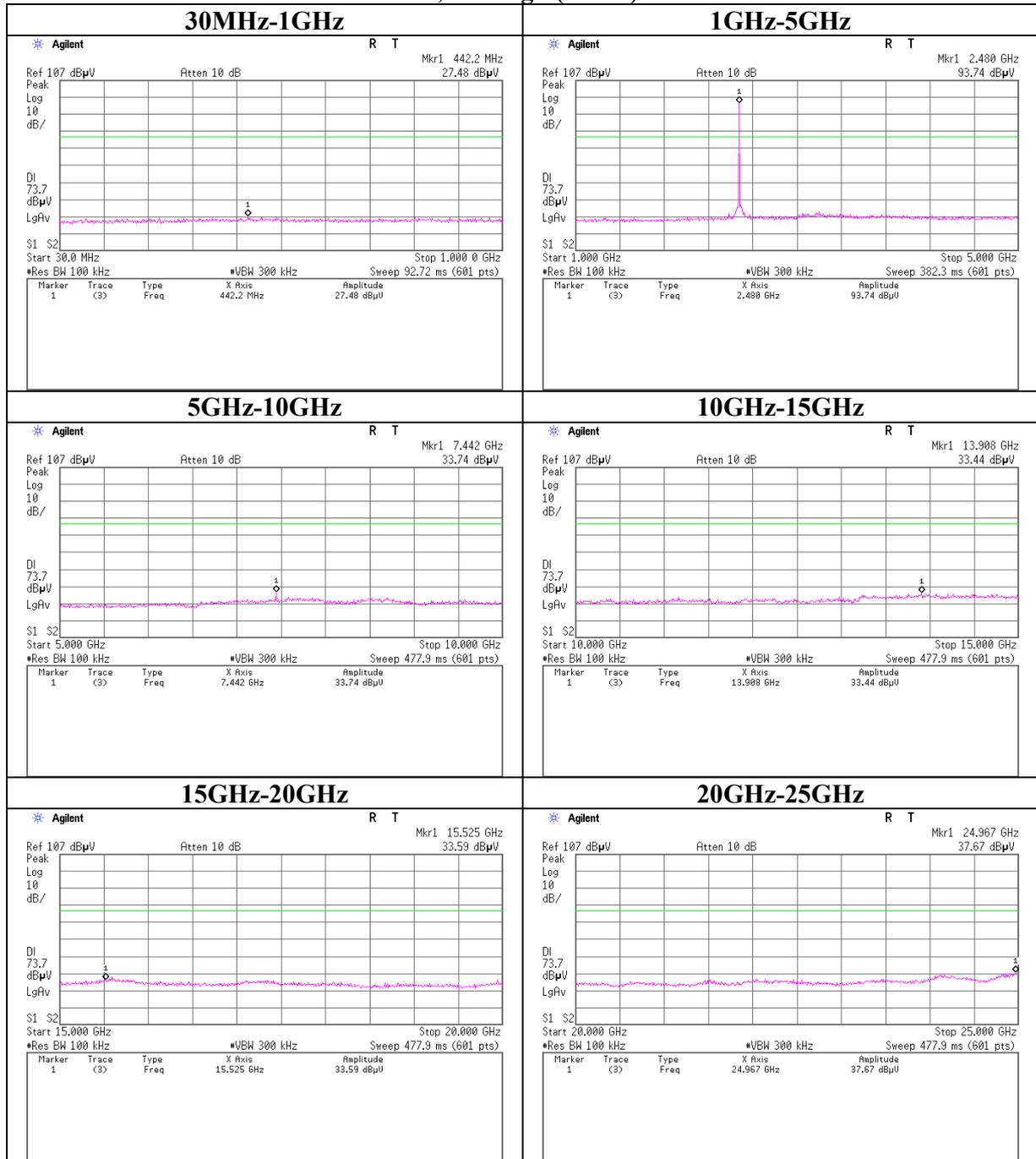
Conducted Spurious Emission
Tx, Ch:Low (3DH5)



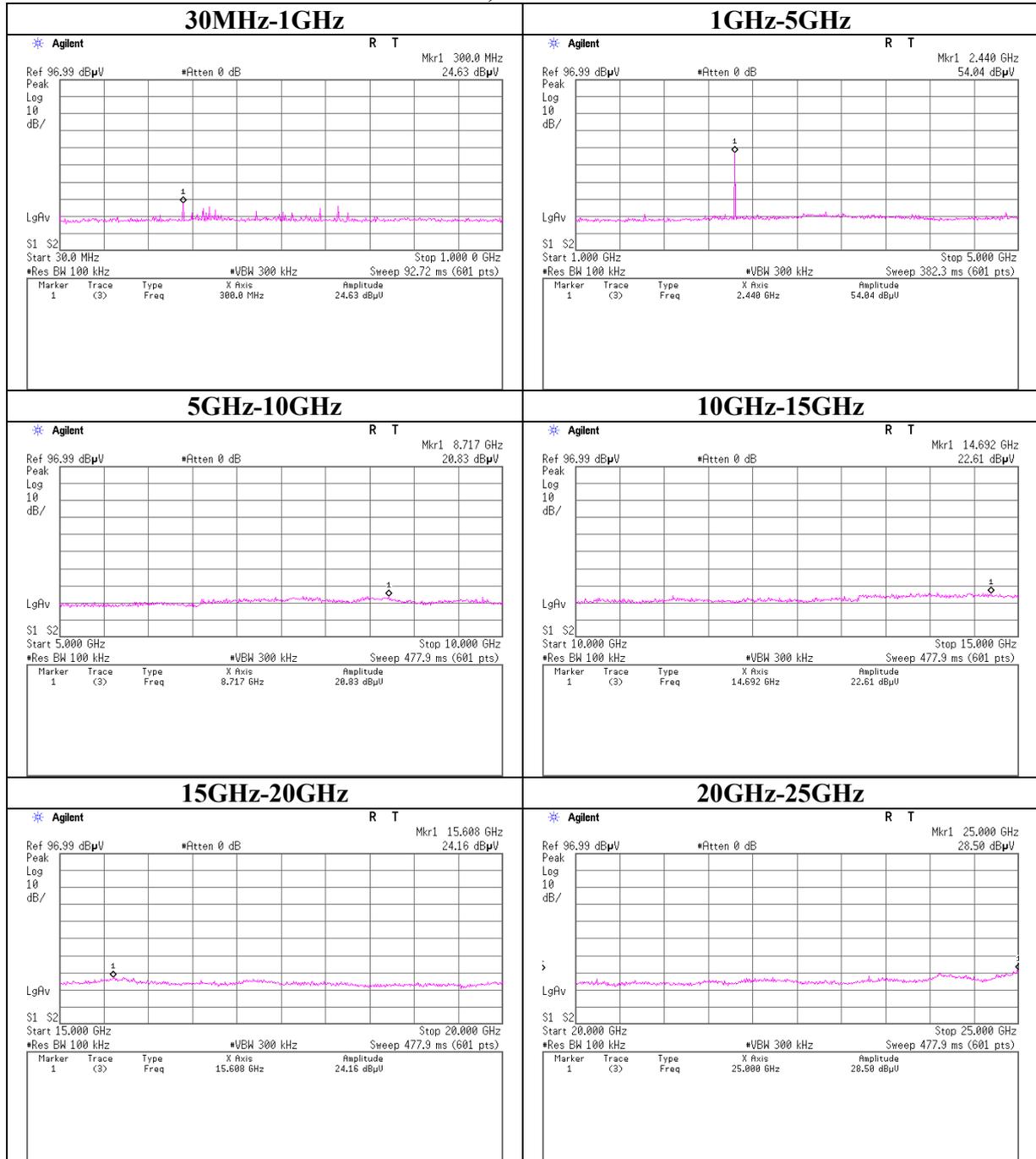
Conducted Spurious Emission
Tx, Ch:Mid (3DH5)



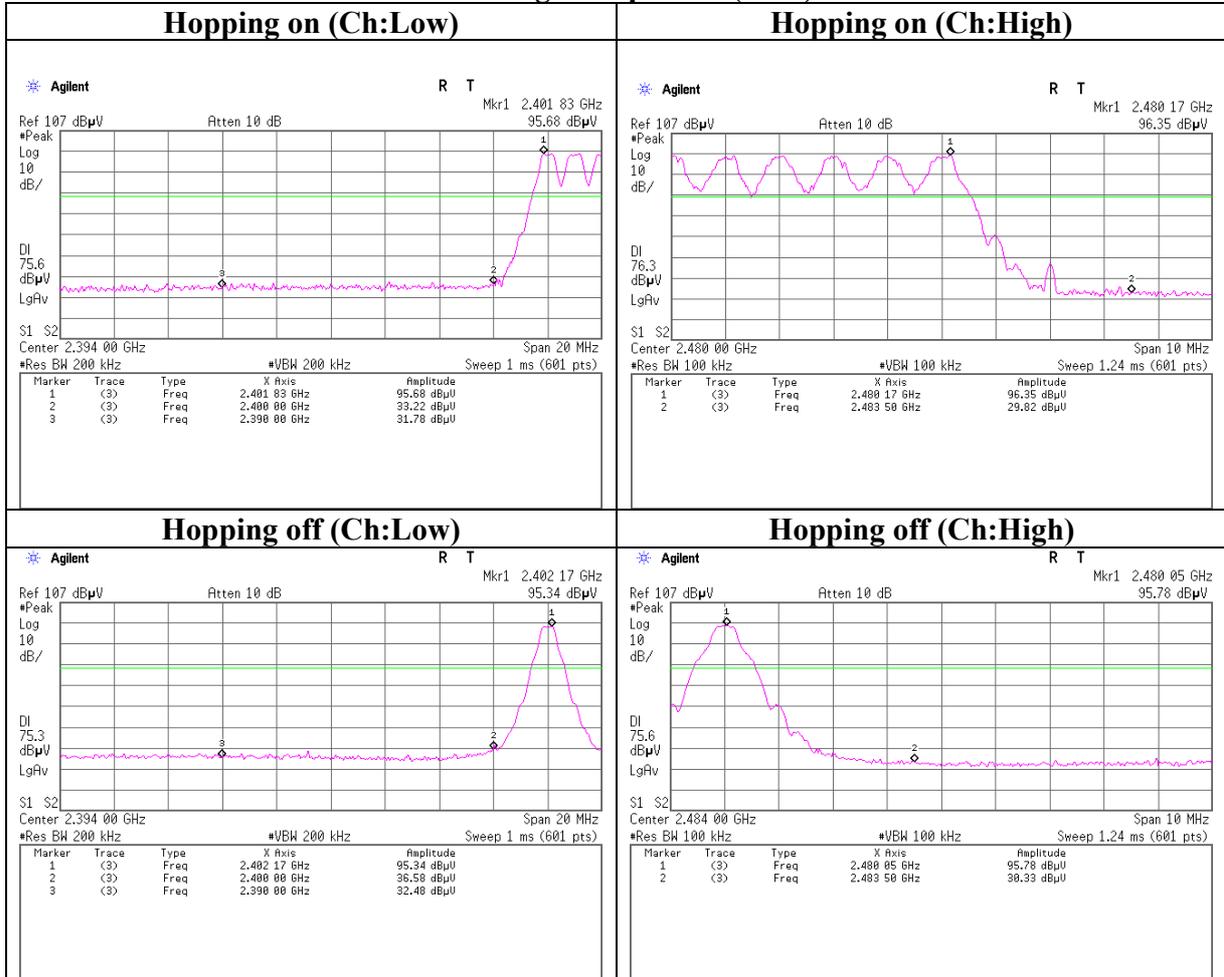
Conducted Spurious Emission
Tx, Ch:High (3DH5)



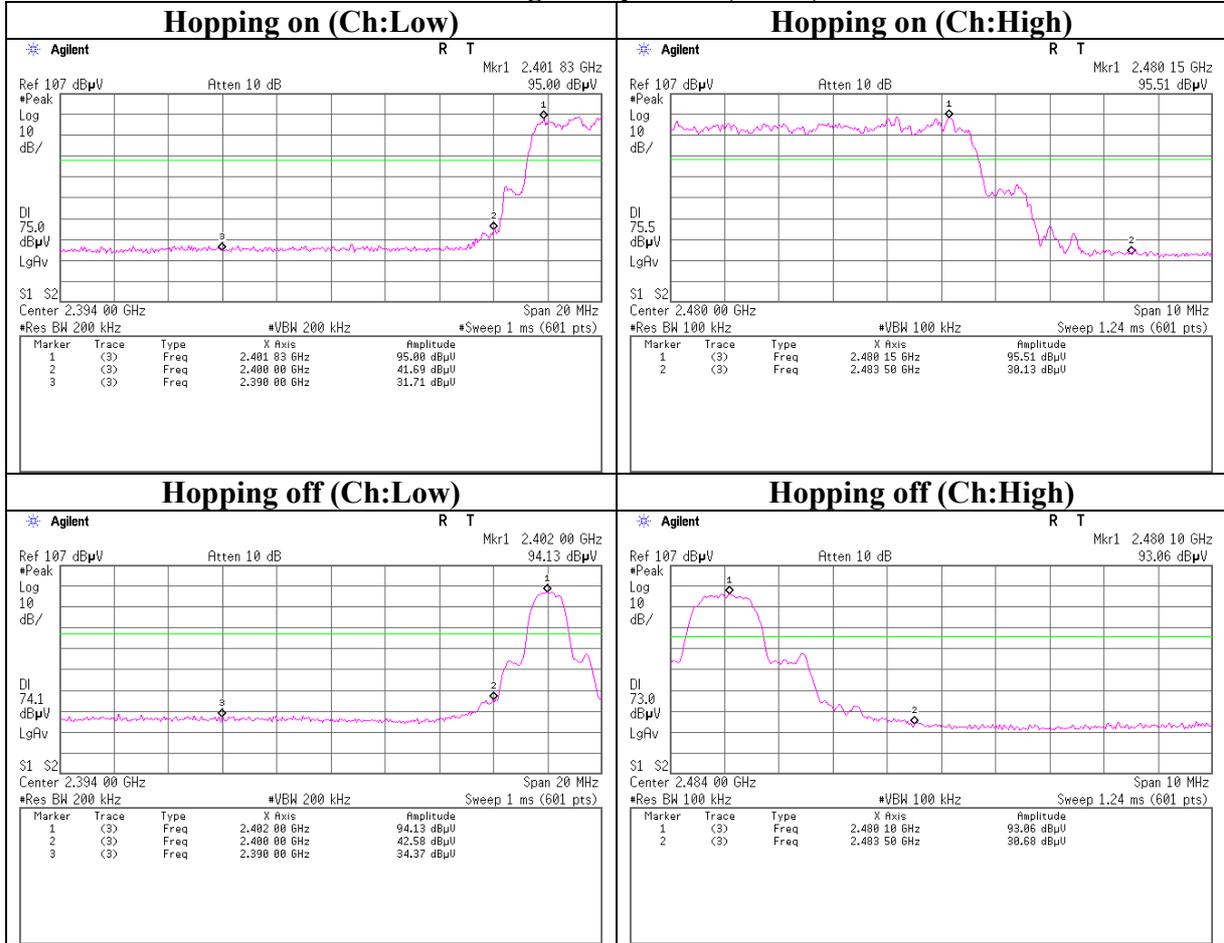
Conducted Spurious Emission
Rx, Ch:Mid



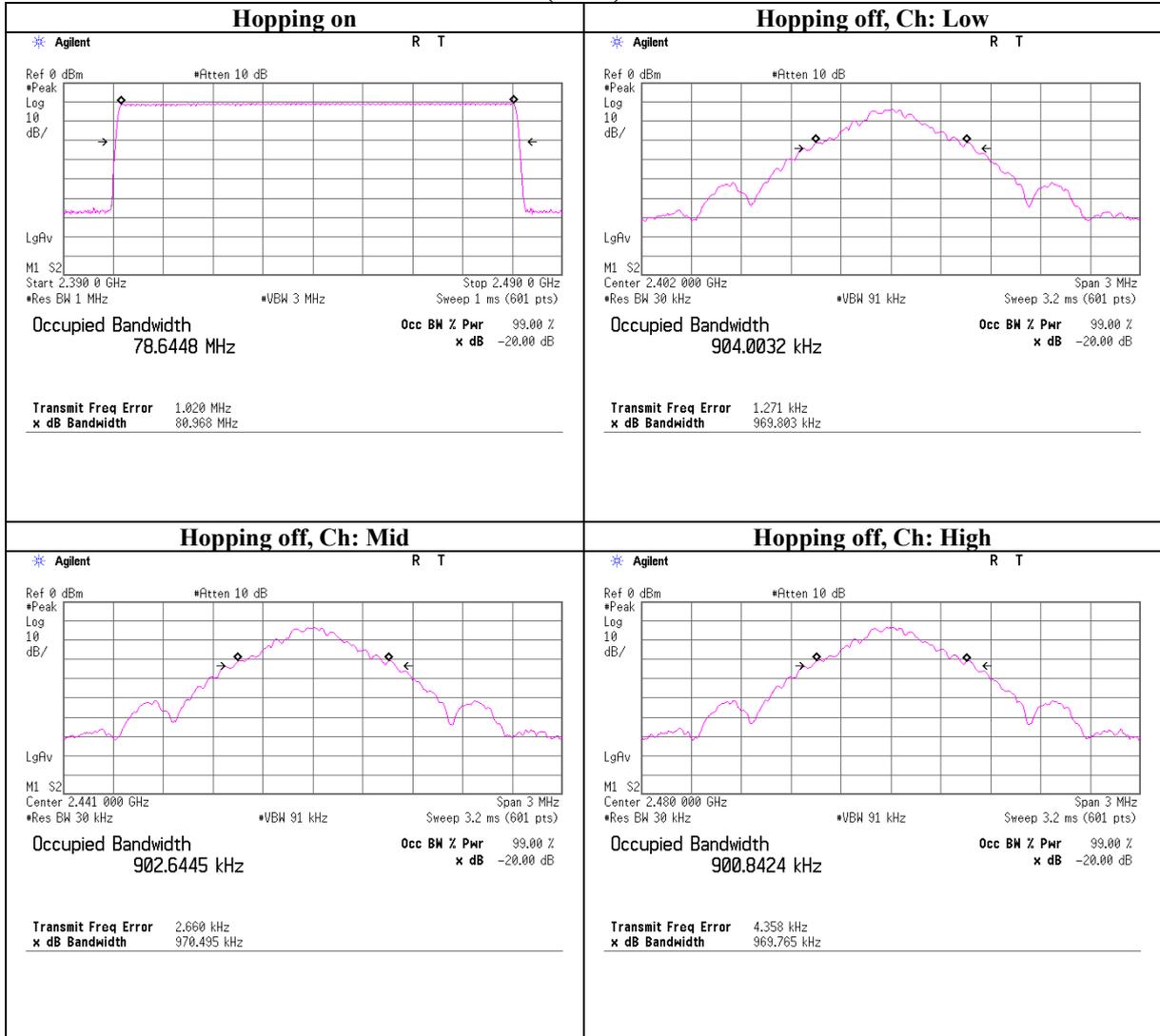
Conducted Spurious Emission
Band Edge compliance (DH5)



Conducted Spurious Emission
Band Edge compliance (3DH5)

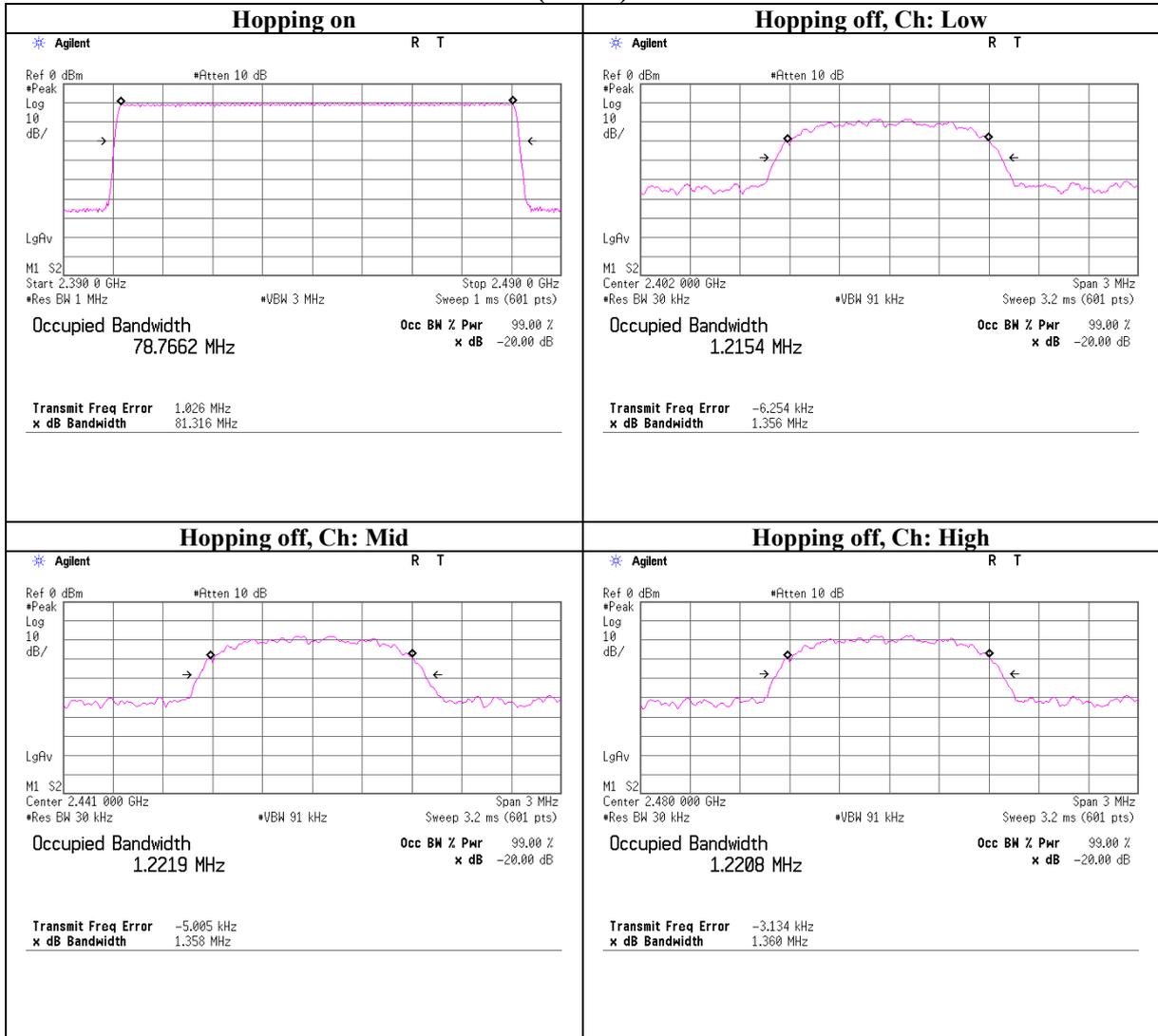


**99% Occupied Bandwidth
(DH5)**



*Refer to 20dB Bandwidth for 99% Occupied Bandwidth, inquiry mode

**99% Occupied Bandwidth
(3DH5)**



*Refer to 20dB Bandwidth for 99% Occupied Bandwidth, inquiry mode

APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE/CE	2008/03/27 * 12
MOS-15	Thermo-Hygrometer	Custom	CTH-180	RE/CE	2008/01/10 * 12
MJM-07	Measure	PROMART	SEN1955	RE/CE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE/CE	-
MSA-05	Spectrum Analyzer	Advantest	R3273	RE/CE	2007/06/01 * 12
MTR-07	Test Receiver	Rohde & Schwarz	ESCI	RE/CE	2007/09/14 * 12
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	RE	2008/01/12 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	RE	2008/01/12 * 12
MCC-50	Coaxial cable	UL Japan	-	RE/CE	2008/03/17 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	RE	2008/03/10 * 12
MPA-14	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2008/03/06 * 12
MHA-21	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2007/08/16 * 12
MCC-57	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2008/03/05 * 12
MPA-12	MicroWave System Amplifier	Agilent	83017A	RE	2008/03/13 * 12
MHA-17	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	RE	2008/04/30 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2008/02/19 * 12
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2007/06/20 * 12
MCC-67	Microwave Cable 1G-40GHz	Schner	SUCOFLEX102	AT	2008/04/04 * 12
MAT-23	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2008/03/05 * 12
MAT-24	Attenuator(10dB)(above1GHz)	Agilent	8493C	AT	2007/06/28 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2007/09/22 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2007/09/22 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2007/11/12 * 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.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

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

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