20dB Bandwidth(FHSS)

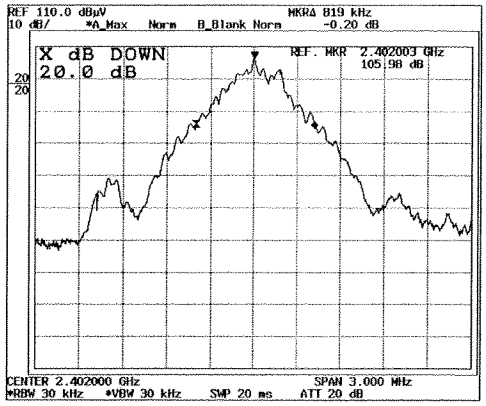
UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement Room

COMPANY	:	Sharp Corporation	REGULATION	:	Fcc Part15 Subpart C 15.247(a)(1)
EQUIPMENT	:	Tri-band GSM Mobile phone	TEST DISTANCE	:	-
MODEL	:	GX15	DATE	:	15/04/2004
S/ N	:	234	TEMPERATURE	:	21 deg. C
POWER	:	DC3V	HUMIDITY	:	47 %
MODE	:	Tx (Hopping off) /Inquiry	ENGINEER	:	Hiroka Umeyama

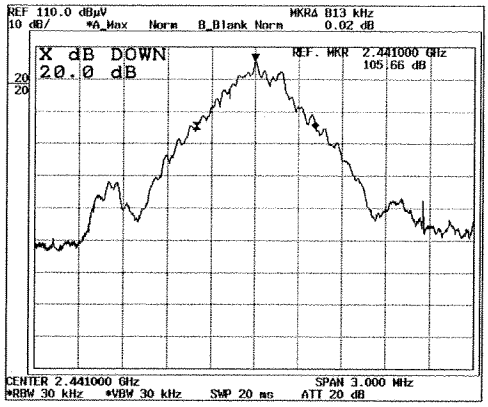
Ch	Freq. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	2402.0	0.819	-
Mid	2441.0	0.813	-
High	2480.0	0.813	-
Inquiry	2441.0	0.684	-

20dB Bandwidth(FHSS)

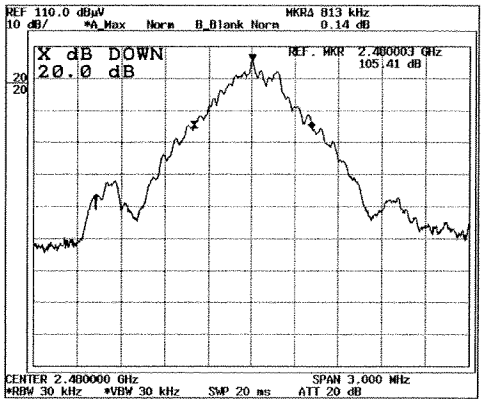
Ch:Low



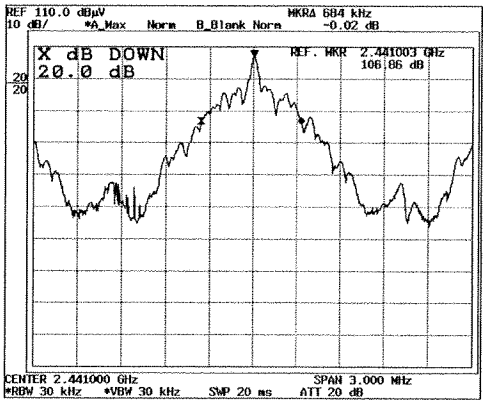
Ch:Mid



Ch:High



Inquiry



Number of Hopping Frequency(FHSS)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement Room

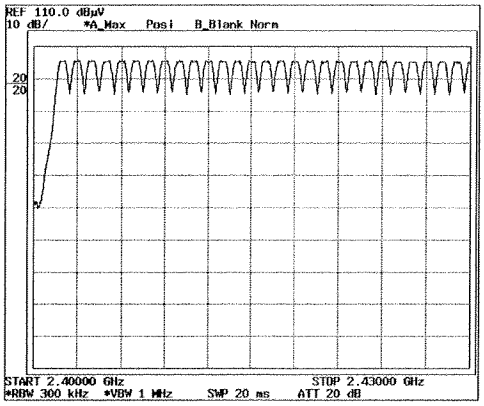
COMPANY	:	Sharp Corporation	REGULATION	:	Fcc Part15 Subpart C 15.247(a)(1)(iii)
EQUIPMENT	:	Tri-band GSM Mobile phone	TEST DISTANCE	:	-
MODEL	:	GX15	DATE	:	15/04/2004
S/ N	:	234	TEMPERATURE	:	21 deg. C
POWER	:	DC3V	HUMIDITY	:	47 %
MODE	:	Tx (Hopping on) /Inquiry	ENGINEER	:	Hiroka Umeyama

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

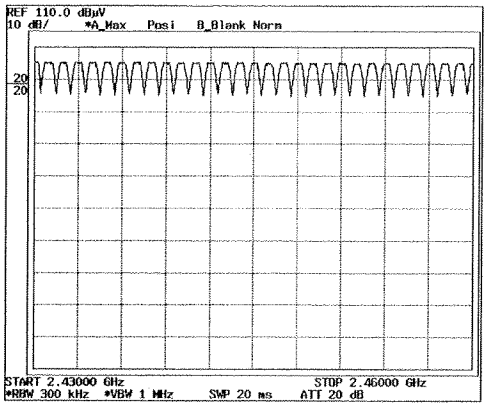
Mode	Number of channel [time]	Limit [time]
Inquiry	32	≧15

Number of Hopping Frequency(FHSS)

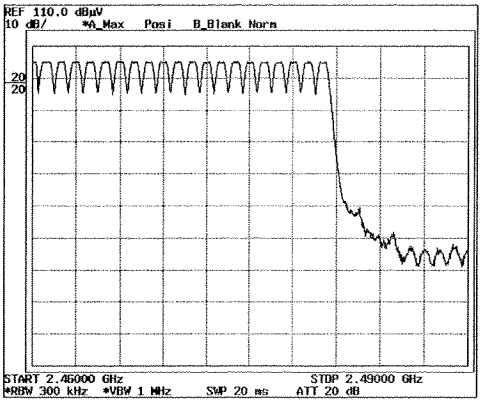
Hopping on (1/3)



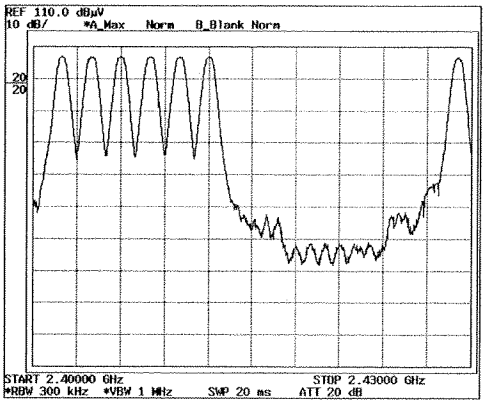
Hopping on (2/3)



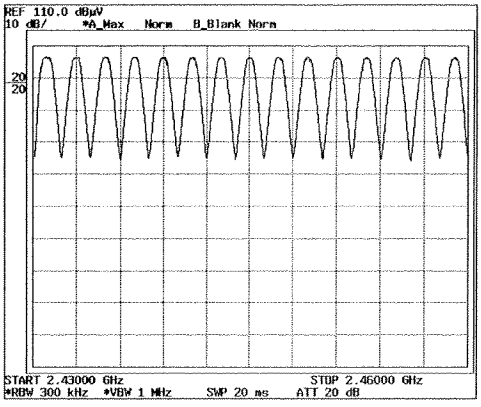
Hopping on (3/3)



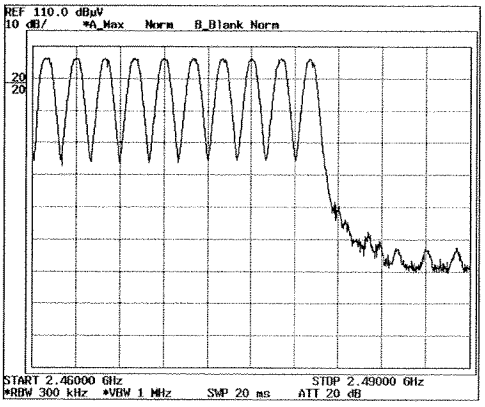
Inquiry (1/3)



Inquiry (2/3)



Inquiry (2/3)



Dwell time(FHSS)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement Room

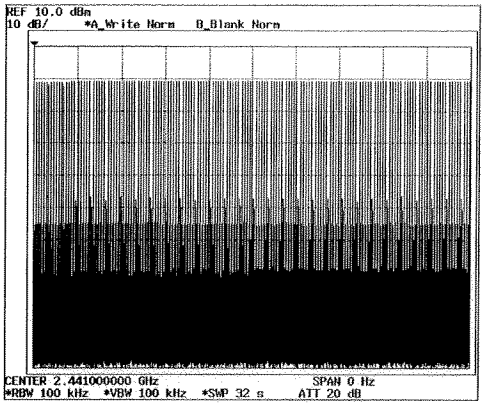
COMPANY	:	Sharp Corporation	REGULATION	:	Fcc Part15 Subpart C 15.247(a)(1)(iii)
EQUIPMENT	:	Tri-band GSM Mobile phone	TEST DISTANCE	:	-
MODEL	:	GX15	DATE	:	15/04/2004
S/N	:	234	TEMPERATURE	:	21 deg. C
POWER	:	DC3V	HUMIDITY	:	47 %
MODE	:	Tx (Hopping on) /Inquiry	ENGINEER	:	Hiroka Umeyama

PK DETECT(S/A :span ZERO, RBW 1MHz ,VBW 3MHz, sweep time 1ms-10ms)

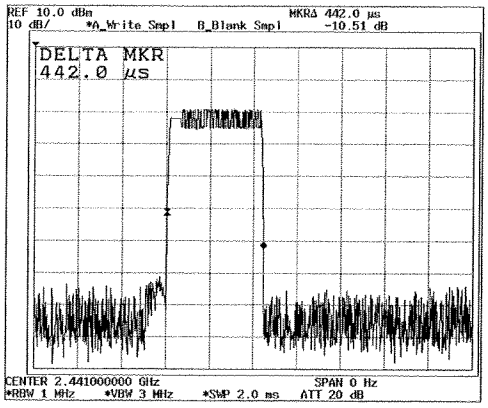
Mode	Number of transmission in a 31.6(79 Hopping x 0.4) / 12.8(32 Hopping x 0.4)second period	Length of transmission time [msec]	Result [msec]	Limit [msec]
DH1	149	0.442	66	400
DH3	49	1.695	84	400
DH5	35	3.040	107	400
Inquiry	46 times / 1sec. x 12.8 = 589 times	0.147	87	400

Dwell time(FHSS)

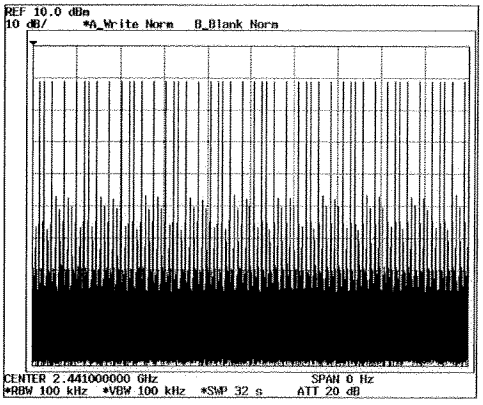
DH1 (1/2)



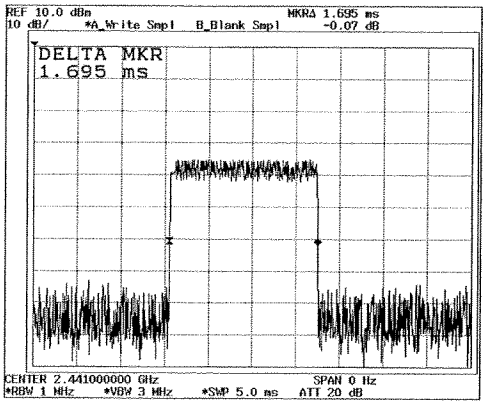
DH1 (2/2)



DH3 (1/2)

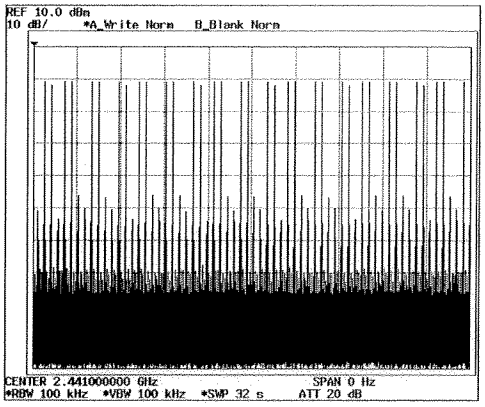


DH3 (2/2)

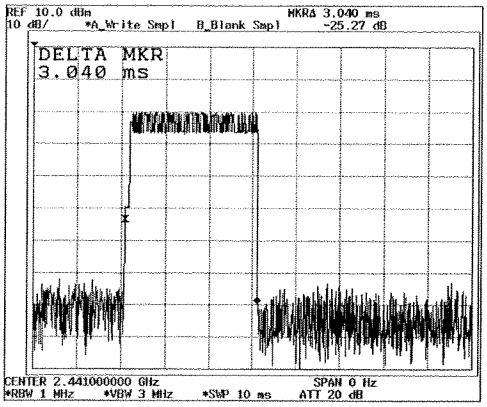


Dwell time(FHSS)

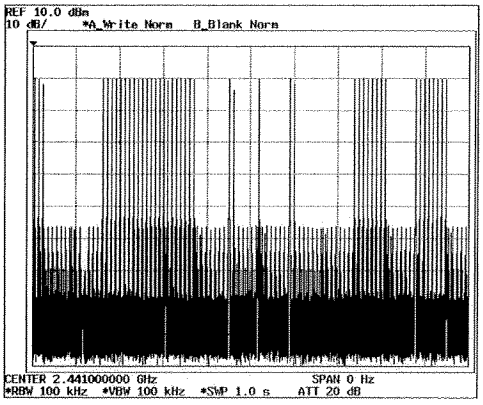
DH5 (1/2)



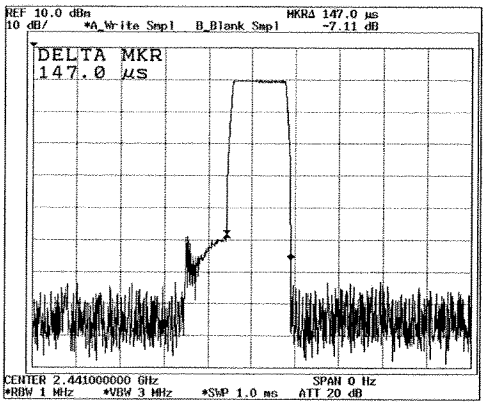
DH5 (2/2)



Inquiry (1/2)



Inquiry (2/2)



Maximum Peak Output Power(FHSS)

UL Apex Co., Ltd.
Head Office EMC Lab. No.3 Measurement Room

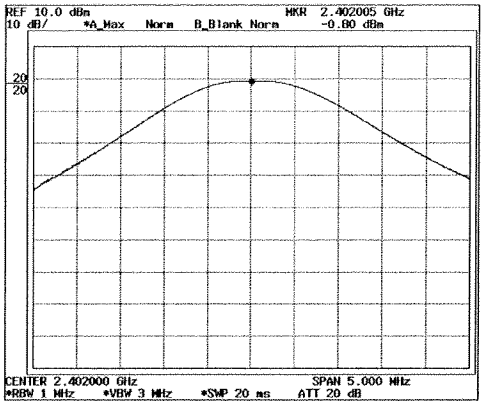
COMPANY	:	Sharp Corporation	REGULATION	:	Fcc Part15 Subpart C 15.247(b)(1)
EQUIPMENT	:	Tri-band GSM Mobile phone	TEST DISTANCE	:	-
MODEL	:	GX15	DATE	:	15/04/2004
S/ N	:	234	TEMPERATURE	:	21 deg. C
POWER	:	DC3V	HUMIDITY	:	47 %
MODE	:	Tx (Hopping off) /Inquiry	ENGINEER	:	Hiroka Umeyama

CH	FREQ [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten Loss [dB]	Result [dBm]	Limit [dBm]
Low	2402.0	-0.80	0.5	0.0	-0.3	30.0
Mid	2441.0	-1.13	0.5	0.0	-0.6	30.0
High	2480.0	-1.70	0.5	0.0	-1.2	30.0
Inquiry	2441.0	-0.06	0.5	0.0	0.4	21.0

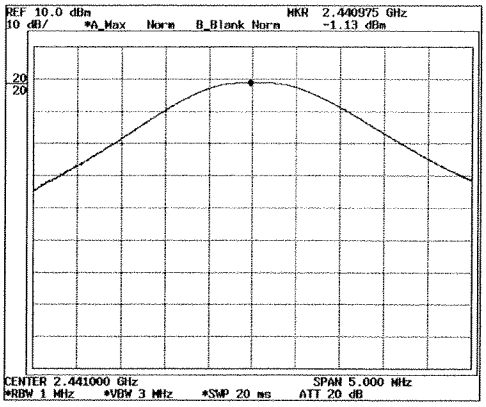
Sample Calculation:
Result = S/A Reading + Cable Loss + Attenuator
In the above table, factor 0.0dB means Atten. was not used.

Maximum Peak Output Power(FHSS)

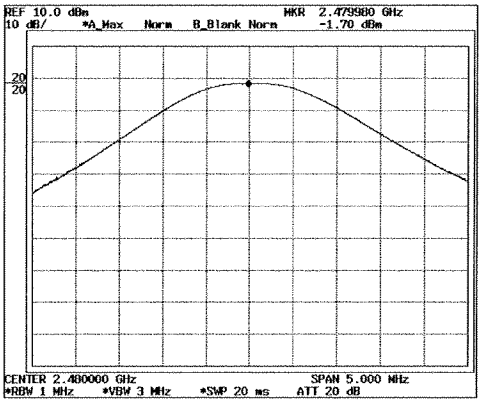
Ch:Low



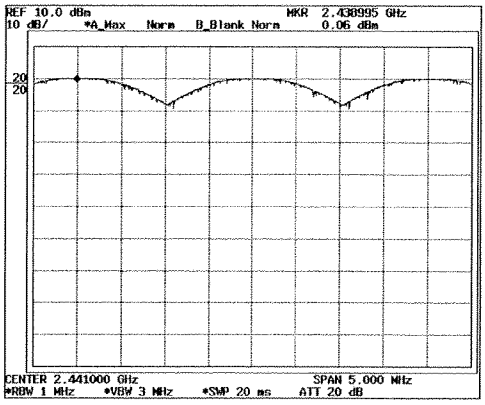
Ch:Mid



Ch:High



Inquiry



Radiated Spurious Emission(FHSS)

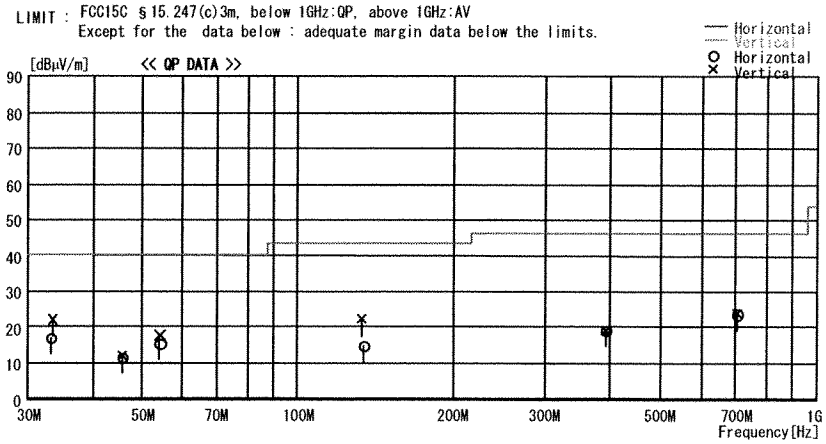
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2004/04/14 23:58:23

Applicant	: Sharp Corporation	Report No.	: 24HE0035-HO
Kind of EUT	: Tri-band GSM Mobile phone	Power	: AC120V/60Hz(AC Adapter)
Model No.	: GX15	Temp°C/Humi%	: 23°C / 57%
Serial No.	: 233	Operator	: Hiroka Umeyama

Mode / Remarks : Transmitting 2402MHz MAX-Axis

LIMIT : FCC15C §15.247(c)3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	33.221	16.7	17.5	6.5	23.7	17.0	40.0	23.0	208	297
2	45.664	16.2	12.6	6.6	23.7	11.7	40.0	28.3	187	305
3	54.083	22.3	9.9	6.8	23.7	15.3	40.0	24.7	187	-1
4	133.911	16.7	13.9	7.4	23.3	14.7	43.5	28.8	219	-1
5	395.197	16.5	17.2	8.8	23.2	19.3	46.0	26.7	109	309
6	704.601	16.0	20.7	10.2	23.2	23.7	46.0	22.3	115	-1
----- Vertical -----										
7	33.483	21.9	17.4	6.5	23.7	22.1	40.0	17.9	100	195
8	45.650	16.5	12.7	6.6	23.7	12.1	40.0	27.9	100	0
9	54.078	24.8	9.9	6.8	23.7	17.8	40.0	22.2	100	360
10	133.189	24.3	13.8	7.4	23.3	22.2	43.5	21.3	100	209
11	395.216	16.4	17.2	8.8	23.2	19.2	46.0	26.8	145	288
12	703.226	16.2	20.7	10.2	23.3	23.8	46.0	22.2	100	199

CHART:WITHOUT FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION : READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - AMP.GAIN Page:

Radiated Spurious Emission(FHSS)

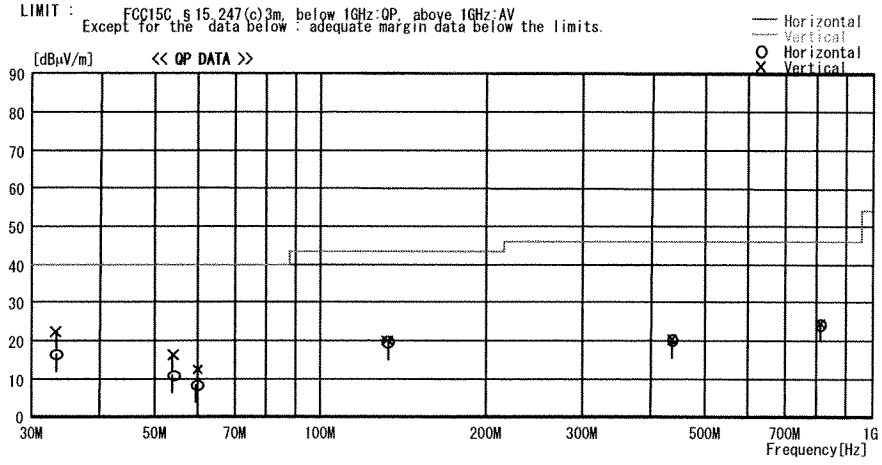
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2004/04/15 01:15:56

Applicant	: Sharp Corporation	Report No.	: 24HE0035-HO
Kind of EUT	: Tri-band GSM Mobile phone	Power	: AC120V/60Hz(AC Adapter)
Model No.	: GX15	Temp°C/Humi%	: 23°C / 57%
Serial No.	: 233	Operator	: Hiroka Umeyama

Mode / Remarks : Transmitting 2441MHz MAX-Axis

LIMIT : FCC15C §15.247(c)3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	33.192	16.3	17.5	6.5	23.7	16.6	40.0	23.4	100	-1
2	54.055	18.0	9.9	6.8	23.7	11.0	40.0	29.0	100	-1
3	59.698	16.6	8.5	6.8	23.5	8.4	40.0	31.6	100	360
4	132.891	21.8	13.8	7.4	23.3	19.7	43.5	23.8	100	360
5	435.129	16.5	17.6	9.1	22.9	20.3	46.0	25.7	100	360
6	811.694	15.7	21.4	10.5	23.2	24.4	46.0	21.6	100	239
----- Vertical -----										
7	33.205	22.1	17.5	6.5	23.7	22.4	40.0	17.6	100	360
8	54.062	23.3	9.9	6.8	23.7	16.3	40.0	23.7	122	268
9	60.005	20.7	8.4	6.8	23.5	12.4	40.0	27.6	100	-1
10	133.125	22.0	13.8	7.4	23.3	19.9	43.5	23.6	100	154
11	436.501	16.4	17.6	9.1	22.9	20.2	46.0	25.8	191	89
12	810.996	15.8	21.4	10.5	23.2	24.5	46.0	21.5	100	56

CHART:WITHOUT FACTOR ANT TYPE : ~30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz~ HORN
CALCULATION : READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - AMP.GAIN Page:

Radiated Spurious Emission(FHSS)

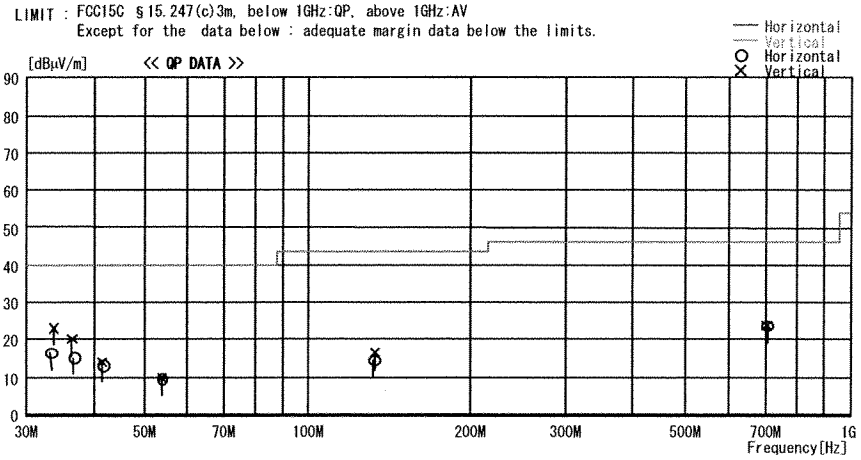
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2004/04/15 01:45:56

Applicant	: Sharp Corporation	Report No.	: 24HE0035-HO
Kind of EUT	: Tri-band GSM Mobile phone	Power	: AC120V/60Hz(AC Adapter)
Model No.	: GX15	Temp°C/Humi%	: 23°C / 57%
Serial No.	: 233	Operator	: Hiroka Umeyama

Mode / Remarks : Transmitting 2480MHz MAX-Axis

LIMIT : FCC15C §15.247(c)3m, below 1GHz:QP, above 1GHz:AV
Except for the data below : adequate margin data below the limits.



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
------ Horizontal ------										
1	33.251	16.4	17.5	6.5	23.7	16.7	40.0	23.3	200	360
2	36.754	16.4	16.0	6.5	23.7	15.2	40.0	24.8	100	-1
3	41.651	16.2	14.1	6.6	23.7	13.2	40.0	26.8	100	360
4	53.772	16.5	10.0	6.8	23.7	9.6	40.0	30.4	157	233
5	132.330	16.6	13.8	7.4	23.3	14.5	43.5	29.0	100	-1
6	703.883	16.1	20.7	10.2	23.3	23.7	46.0	22.3	100	203
------ Vertical ------										
7	33.782	23.1	17.2	6.5	23.7	23.1	40.0	16.9	100	212
8	36.447	21.2	16.1	6.5	23.7	20.1	40.0	19.9	100	360
9	41.577	17.1	14.1	6.6	23.7	14.1	40.0	25.9	100	272
10	53.745	16.6	10.0	6.8	23.7	9.7	40.0	30.3	100	360
11	132.844	18.6	13.8	7.4	23.3	16.5	43.5	27.0	122	269
12	704.576	16.2	20.7	10.2	23.2	23.9	46.0	22.1	169	90

CHART:WITHOUT FACTOR ANT TYPE : ~30MHz LOOP, 30~300MHz BICONICAL, 300MHz~1000MHz LOGPERIODIC, 1000MHz~ HORN
CALCULATION : READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - AMP.GAIN Page:

Radiated Spurious Emission (FHSS)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY	: Sharp Corporation	REGULATION	: FCC Part 15 Subpart C 15.247(c)
EQUIPMENT	: Tri-band GSM Mobile phone	TEST DISTANCE	: 3 and 1m
MODEL	: GX15	DATE	: 04/14/2004
S/ N	: 233	TEMPERATURE	: 23deg.C
POWER	: DC3V (AC 120V / 60Hz)	HUMIDITY	: 57%
MODE	: Tx (2402MHz)	ENGINEER	: Hiroka Umeyama
AXIS	: Hor: X-axis , Ver: X-axis		

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

No.	Freq.	Reading		Ant.	Amp.	Cable	Atten. or	Result		Limit	Margin	
		HOR	VER	Factor	Gain	Loss	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=READING + ANT FACTOR -AMP GAIN + CABLE LOSS + ATTEN. OR FILTER.												
1	2386.1	45.8	43.3	30.8	36.3	6.2	0.0	46.5	44.0	74.0	27.5	30.0
2	4804.0	42.6	44.3	35.3	36.1	9.0	1.0	51.8	53.5	74.0	22.2	20.5
3	7206.0	43.1	43.6	37.9	35.6	11.2	0.5	57.1	57.6	74.0	16.9	16.4
4	9608.0	43.4	44.3	37.6	36.3	12.9	0.5	58.1	59.0	74.0	15.9	15.0
Test distance 1meter RESULT=READING + ANT FACTOR - AMP GAIN + CABLE LOSS + ATTEN OR FILTER - Dfac												
5	12010.0	40.7	39.9	41.0	35.7	11.0	0.6	48.1	47.3	74.0	25.9	26.7
6	14412.0	38.9	39.8	41.1	34.6	12.2	0.6	48.7	49.6	74.0	25.3	24.4
7	16814.0	41.9	41.8	45.9	35.6	13.3	0.5	56.5	56.4	74.0	17.5	17.6
8	19216.0	41.7	41.2	39.7	34.9	13.0	0.6	50.6	50.1	74.0	23.4	23.9
9	21618.0	42.2	42.2	40.8	35.4	14.3	0.6	53.0	53.0	74.0	21.0	21.0
10	24020.0	44.1	41.6	39.9	35.8	15.0	0.6	54.3	51.8	74.0	19.7	22.2

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

No.	Freq.	Reading		Ant.	Amp.	Cable	Atten. or	Result		Limit	Margin	
		HOR	VER	Factor	Gain	Loss	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=READING + ANT FACTOR -AMP GAIN + CABLE LOSS + ATTEN. OR FILTER.												
1	2386.1	33.7	31.7	30.8	36.3	6.2	0.0	34.4	32.4	54.0	19.6	21.6
2	4804.0	30.9	32.5	35.3	36.1	9.0	1.0	40.1	41.7	54.0	13.9	12.3
3	7206.0	29.8	29.8	37.9	35.6	11.2	0.5	43.8	43.8	54.0	10.2	10.2
4	9608.0	30.7	30.7	37.6	36.3	12.9	0.5	45.4	45.4	54.0	8.6	8.6
Test distance 1meter RESULT=READING + ANT FACTOR - AMP GAIN + CABLE LOSS + ATTEN OR FILTER - Dfac												
5	12010.0	28.7	28.8	41.0	35.7	11.0	0.6	36.1	36.2	54.0	17.9	17.8
6	14412.0	28.5	28.5	41.1	34.6	12.2	0.6	38.3	38.3	54.0	15.7	15.7
7	16814.0	32.0	31.9	45.9	35.6	13.3	0.5	46.6	46.5	54.0	7.4	7.5
8	19216.0	31.3	31.2	39.7	34.9	13.0	0.6	40.2	40.1	54.0	13.8	13.9
9	21618.0	31.8	31.8	40.8	35.4	14.3	0.6	42.6	42.6	54.0	11.4	11.4
10	24020.0	31.8	31.7	39.9	35.8	15.0	0.6	42.0	41.9	54.0	12.0	12.1

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

* Except for the above table : All other spurious emissions were less than 20dB for the limit.
* Atten. : 1 to 3.5GHz, Filter : 3.5 to 26GHz
* Atten. or Filter was not used for factor 0.0dB of the above table.
* Result is calculated to two places of decimals. Therefore, there may be 0.1 difference for the result.

Radiated Spurious Emission (FHSS)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY	: Sharp Corporation	REGULATION	: FCC Part 15 Subpart C 15.247(c)
EQUIPMENT	: Tri-band GSM Mobile phone	TEST DISTANCE	: 3 and 1m
MODEL	: GX15	DATE	: 04/14/2004
S/ N	: 233	TEMPERATURE	: 23deg.C
POWER	: DC3V (AC 120V / 60Hz)	HUMIDITY	: 57%
MODE	: Tx (2441MHz)	ENGINEER	: Hiroka Umeyama
AXIS	: Hor: X-axis , Ver: X-axis		

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

No.	Freq.	Reading		Ant.	Amp.	Cable	Atten. or	Result		Limit	Margin	
		HOR	VER	Factor	Gain	Loss	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=READING + ANT FACTOR -AMP GAIN + CABLE LOSS + ATTEN. OR FILTER.												
1	4882.0	43.3	44.3	35.7	36.1	9.1	1.0	53.0	54.0	74.0	21.0	20.0
2	7323.0	43.1	42.9	38.2	35.7	11.3	0.5	57.4	57.2	74.0	16.6	16.8
3	9764.0	43.3	43.4	37.3	36.3	13.0	0.5	57.8	57.9	74.0	16.2	16.1
Test distance 1meter RESULT=READING + ANT FACTOR - AMP GAIN + CABLE LOSS + ATTEN OR FILTER - Dfac												
4	12205.0	41.6	38.7	41.5	35.6	11.2	0.5	49.7	46.8	74.0	24.3	27.2
5	14646.0	39.2	39.5	41.6	34.8	12.3	0.6	49.4	49.7	74.0	24.6	24.3
6	17087.0	42.3	42.2	46.5	35.4	13.5	0.4	57.8	57.7	74.0	16.2	16.3
7	19528.0	42.5	43.1	39.3	35.0	13.0	0.6	50.9	51.5	74.0	23.1	22.5
8	21969.0	42.1	41.9	40.4	35.0	14.5	0.6	53.1	52.9	74.0	20.9	21.1
9	24410.0	41.2	41.5	40.2	36.7	14.9	0.6	50.7	51.0	74.0	23.3	23.0

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

No.	Freq.	Reading		Ant.	Amp.	Cable	Atten. or	Result		Limit	Margin	
		HOR	VER	Factor	Gain	Loss	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=READING + ANT FACTOR -AMP GAIN + CABLE LOSS + ATTEN. OR FILTER.												
1	4882.0	31.1	32.8	35.7	36.1	9.1	1.0	40.8	42.5	54.0	13.2	11.5
2	7323.0	29.9	29.9	38.2	35.7	11.3	0.5	44.2	44.2	54.0	9.8	9.8
3	9764.0	30.5	30.5	37.3	36.3	13.0	0.5	45.0	45.0	54.0	9.0	9.0
Test distance 1meter RESULT=READING + ANT FACTOR - AMP GAIN + CABLE LOSS + ATTEN OR FILTER - Dfac												
4	12205.0	28.2	28.2	41.5	35.6	11.2	0.5	36.3	36.3	54.0	17.7	17.7
5	14646.0	28.8	28.8	41.6	34.8	12.3	0.6	39.0	39.0	54.0	15.0	15.0
6	17087.0	32.1	32.0	46.5	35.4	13.5	0.4	47.6	47.5	54.0	6.4	6.5
7	19528.0	32.0	31.9	39.3	35.0	13.0	0.6	40.4	40.3	54.0	13.6	13.7
8	21969.0	31.5	31.6	40.4	35.0	14.5	0.6	42.5	42.6	54.0	11.5	11.4
9	24410.0	31.5	31.5	40.2	36.7	14.9	0.6	41.0	41.0	54.0	13.0	13.0

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

* Except for the above table : All other spurious emissions were less than 20dB for the limit.
* Atten. : 1 to 3.5GHz, Filter : 3.5 to 26GHz
* Atten. or Filter was not used for factor 0.0dB of the above table.
* Result is calculated to two places of decimals. Therefore, there may be 0.1 difference for the result.

Radiated Spurious Emission (FHSS)

UL Apex Co., Ltd.
Head Office EMC Lab. No.2 Semi Anechoic Chamber

COMPANY	: Sharp Corporation	REGULATION	: FCC Part 15 Subpart C 15.247(c)
EQUIPMENT	: Tri-band GSM Mobile phone	TEST DISTANCE	: 3 and 1m
MODEL	: GX15	DATE	: 04/14/2004
S/N	: 233	TEMPERATURE	: 23deg.C
POWER	: DC3V (AC 120V / 60Hz)	HUMIDITY	: 57%
MODE	: Tx (2480MHz)	ENGINEER	: Hiroka Umeyama
AXIS	: Hor: X-axis , Ver: X-axis		

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

No.	Freq.	Reading HOR	Reading VER	Ant. Factor	Amp. Gain	Cable Loss	Atten. or Filter	Result HOR	Result VER	Limit PK	Margin HOR	Margin VER
	[MHz]	[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=READING + ANT FACTOR -AMP GAIN + CABLE LOSS + ATTEN. OR FILTER.												
1	2483.5	52.7	52.2	31.0	36.2	6.3	0.0	53.8	53.3	74.0	20.2	20.7
2	4960.0	42.9	44.6	36.1	36.1	9.2	1.0	53.1	54.8	74.0	20.9	19.2
3	7440.0	43.4	43.4	38.5	35.7	11.4	0.5	58.1	58.1	74.0	15.9	15.9
4	9920.0	44.7	45.1	37.0	36.3	13.1	0.5	59.0	59.4	74.0	15.0	14.6
Test distance 1meter RESULT=READING + ANT FACTOR - AMP GAIN + CABLE LOSS + ATTEN OR FILTER - Dfac												
5	12400.0	40.7	40.7	41.9	35.5	11.3	0.4	49.3	49.3	74.0	24.7	24.7
6	14880.0	39.7	39.5	42.6	35.0	12.4	0.6	50.8	50.6	74.0	23.2	23.4
7	17360.0	42.1	42.1	46.9	35.2	13.6	0.3	58.2	58.2	74.0	15.8	15.8
8	19840.0	41.7	42.4	39.9	35.3	13.0	0.6	50.4	51.1	74.0	23.6	22.9
9	22320.0	41.7	43.2	40.7	35.1	14.6	0.6	53.0	54.5	74.0	21.0	19.5
10	24800.0	43.2	43.9	40.2	36.7	14.9	0.6	52.7	53.4	74.0	21.3	20.6

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

No.	Freq.	Reading HOR	Reading VER	Ant. Factor	Amp. Gain	Cable Loss	Atten. or Filter	Result HOR	Result VER	Limit AV	Margin HOR	Margin VER
	[MHz]	[dBuV/m]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=READING + ANT FACTOR -AMP GAIN + CABLE LOSS + ATTEN. OR FILTER.												
1	2483.5	41.0	39.9	31.0	36.2	6.3	0.0	42.1	41.0	54.0	11.9	13.0
2	4960.0	29.9	31.3	36.1	36.1	9.2	1.0	40.1	41.5	54.0	13.9	12.5
3	7440.0	29.9	29.9	38.5	35.7	11.4	0.5	44.6	44.6	54.0	9.4	9.4
4	9920.0	30.9	30.9	37.0	36.3	13.1	0.5	45.2	45.2	54.0	8.8	8.8
Test distance 1meter RESULT=READING + ANT FACTOR - AMP GAIN + CABLE LOSS + ATTEN OR FILTER - Dfac												
5	12400.0	29.9	29.9	41.9	35.5	11.3	0.4	38.5	38.5	54.0	15.5	15.5
6	14880.0	29.2	29.1	42.6	35.0	12.4	0.6	40.3	40.2	54.0	13.7	13.8
7	17360.0	31.8	31.8	46.9	35.2	13.6	0.3	47.9	47.9	54.0	6.1	6.1
8	19840.0	31.7	31.7	39.9	35.3	13.0	0.6	40.4	40.4	54.0	13.6	13.6
9	22320.0	32.1	32.1	40.7	35.1	14.6	0.6	43.4	43.4	54.0	10.6	10.6
10	24800.0	33.0	33.0	40.2	36.7	14.9	0.6	42.5	42.5	54.0	11.5	11.5

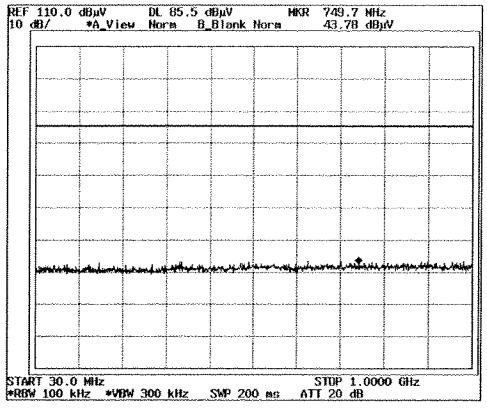
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5 dB

* Except for the above table : All other spurious emissions were less than 20dB for the limit.
* Atten. : 1 to 3.5GHz, Filter : 3.5 to 26GHz
* Atten. or Filter was not used for factor 0.0dB of the above table.
* Result is calculated to two places of decimals. Therefore, there may be 0.1 difference for the result.

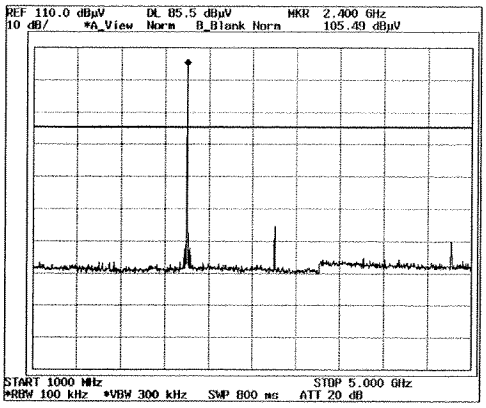
Conducted Spurious Emission (FHSS)

Ch:Low

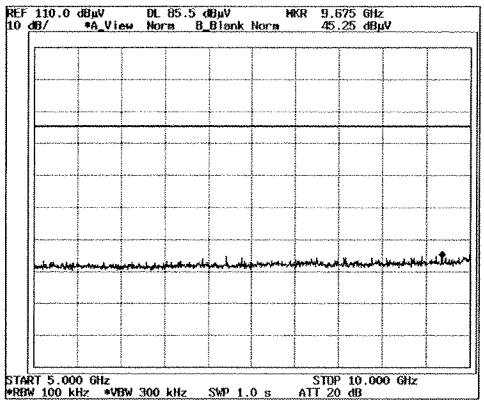
30MHz-1GHz



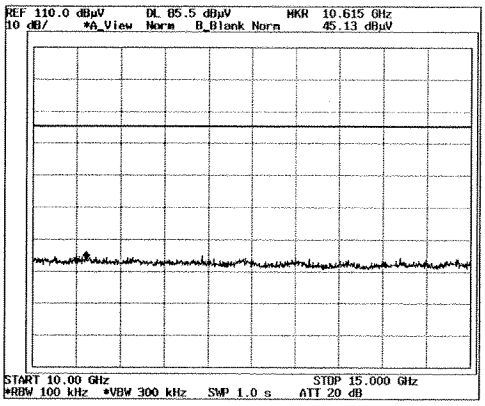
1GHz-5GHz



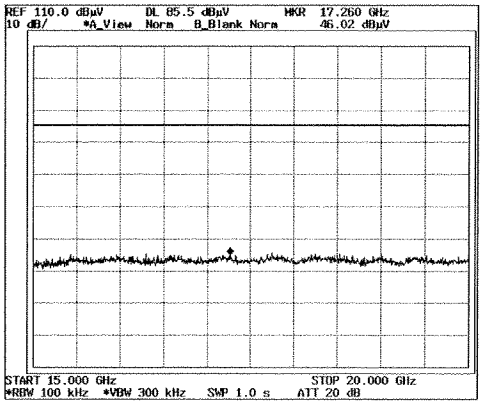
5GHz-10GHz



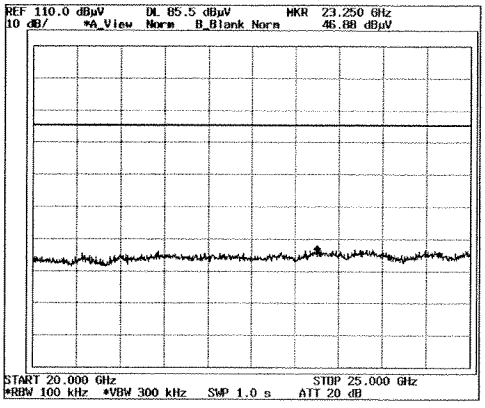
10GHz-15GHz



15GHz-20GHz



20GHz-25GHz



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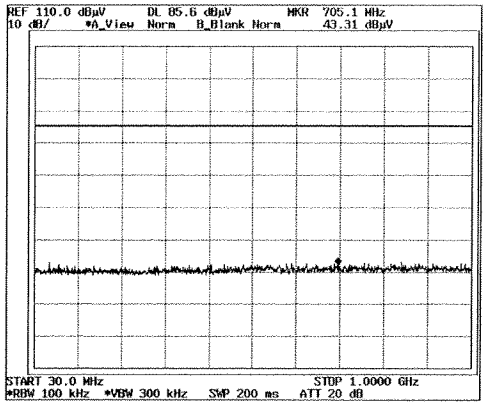
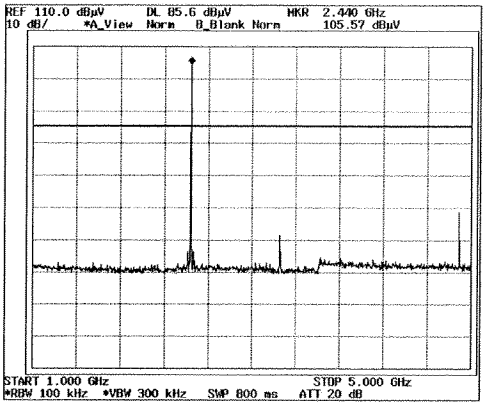
Conducted Spurious Emission (FHSS)

Ch:Mid

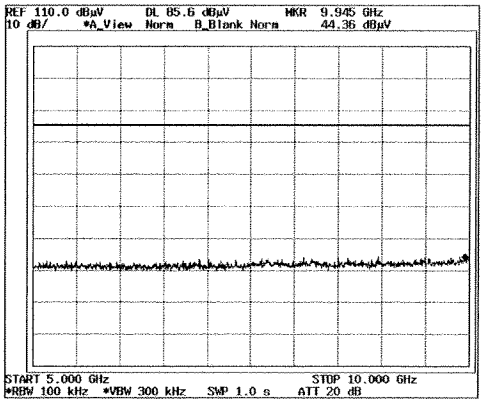
30MHz-1GHz



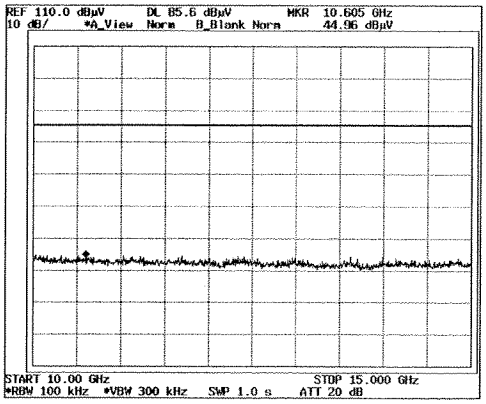
1GHz-5GHz



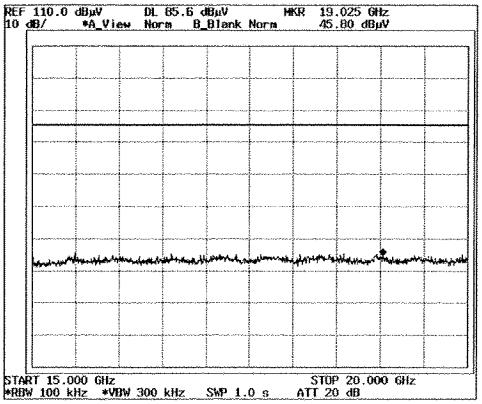
5GHz-10GHz



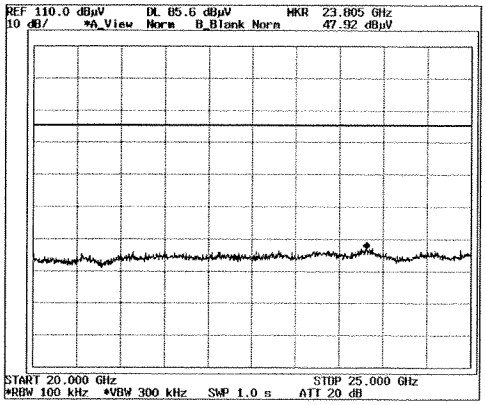
10GHz-15GHz



15GHz-20GHz



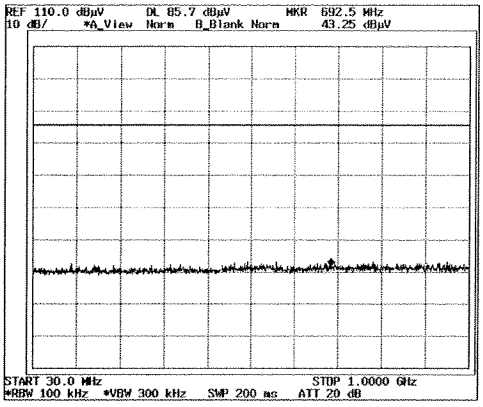
20GHz-25GHz



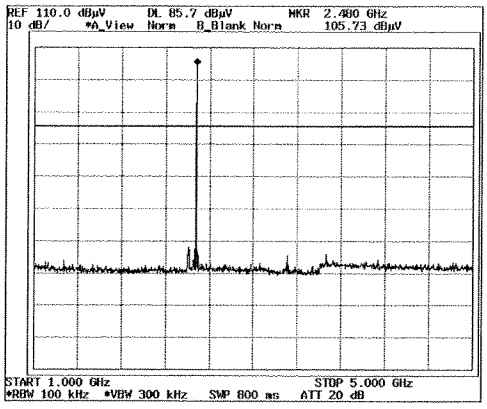
Conducted Spurious Emission (FHSS)

Ch:High

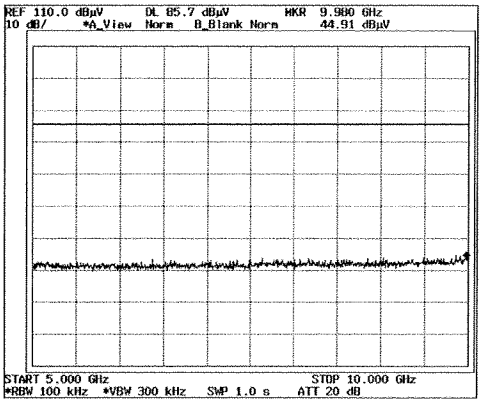
30MHz-1GHz



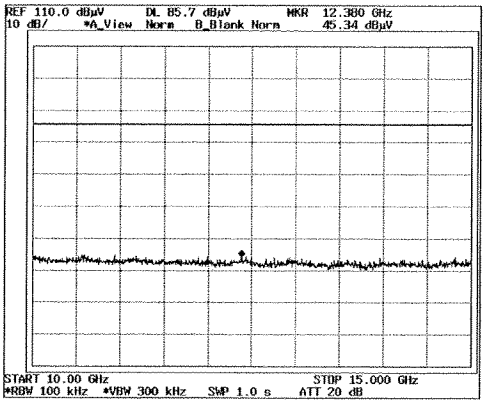
1GHz-5GHz



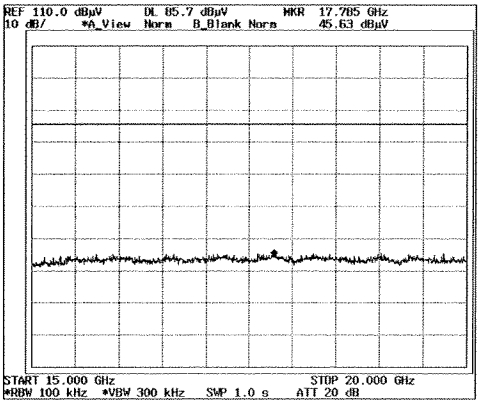
5GHz-10GHz



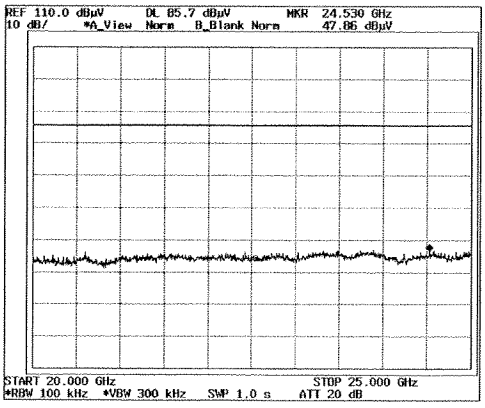
10GHz-15GHz



15GHz-20GHz

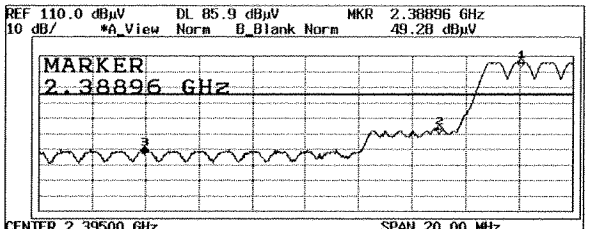


20GHz-25GHz



Band Edge compliance (FHSS)

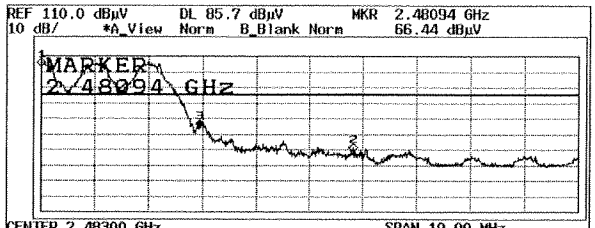
Hopping on (Ch:Low)



Multi Marker List

1:	2.40302 GHz	105.94 dBµV
2:	2.40000 GHz	63.31 dBµV
3:	2.38896 GHz	49.28 dBµV
4:		
5:		
6:		
7:		
8:		
9:		
10:		
Δ:		

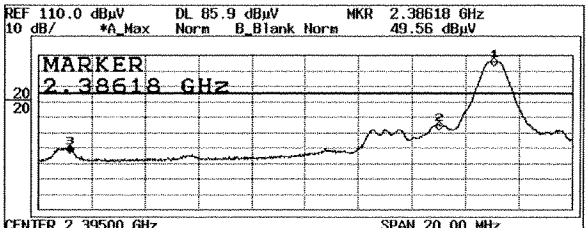
Hopping on (Ch:High)



Multi Marker List

1:	2.47801 GHz	105.75 dBµV
2:	2.48382 GHz	51.70 dBµV
3:	2.48094 GHz	66.44 dBµV
4:		
5:		
6:		
7:		
8:		
9:		
10:		
Δ:		

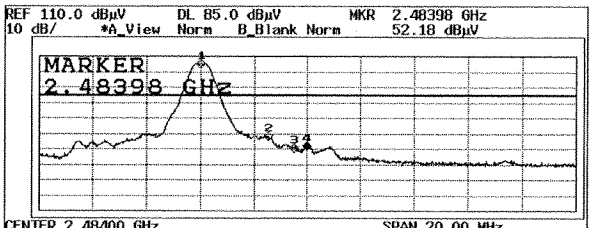
Hopping off (Ch:Low)



Multi Marker List

1:	2.40204 GHz	105.92 dBµV
2:	2.40000 GHz	64.70 dBµV
3:	2.38618 GHz	49.56 dBµV
4:		
5:		
6:		
7:		
8:		
9:		
10:		
Δ:		

Hopping off (Ch:High)



Multi Marker List

1:	2.48000 GHz	105.09 dBµV
2:	2.48254 GHz	58.60 dBµV
3:	2.48350 GHz	50.77 dBµV
4:	2.48398 GHz	52.18 dBµV
5:		
6:		
7:		
8:		
9:		
10:		
Δ:		

99% Occupied Bandwidth(FHSS)