

APPENDIX 2: Data of EMI test

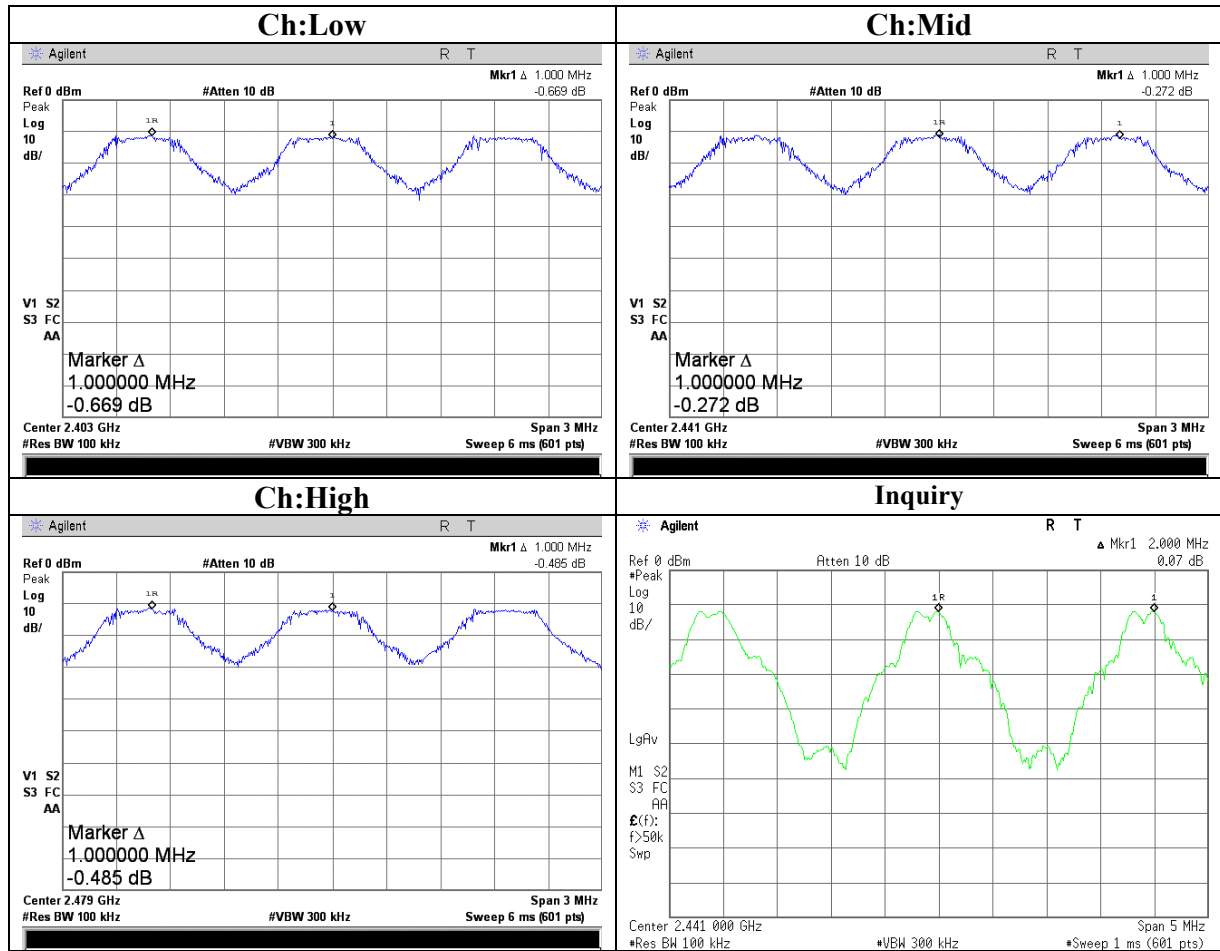
Carrier Frequency Separation

UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: FUJITSU TEN Limited	REGULATION	: FCC15.247(a)(1)/RSS-210A8.1(2)
EQUIPMENT	: DISPLAY	TEST DISTANCE	: -
MODEL	: BT016A	DATE	: 04/20/2007 , 04/23/2007
S/ N	: 1G000018	TEMPERATURE	: 26deg.C , 24deg.C
POWER	: 12.0V	HUMIDITY	: 35% , 42%
MODE	: Tx(Hopping on)/Inquiry	ENGINEER	: Makoto Kosaka

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>0.881[MHz](20dB Bandwidth) or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>0.886[MHz](20dB Bandwidth) or 25[kHz](whichever is greater)
High	2480.0	1.000	>0.880[MHz](20dB Bandwidth) or 25[kHz](whichever is greater)
Inquiry	2441.0	2.000	>0.814[MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)

Carrier Frequency Separation



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Revised date : May 30, 2007
FCC ID : BABBT016A

20dB Bandwidth

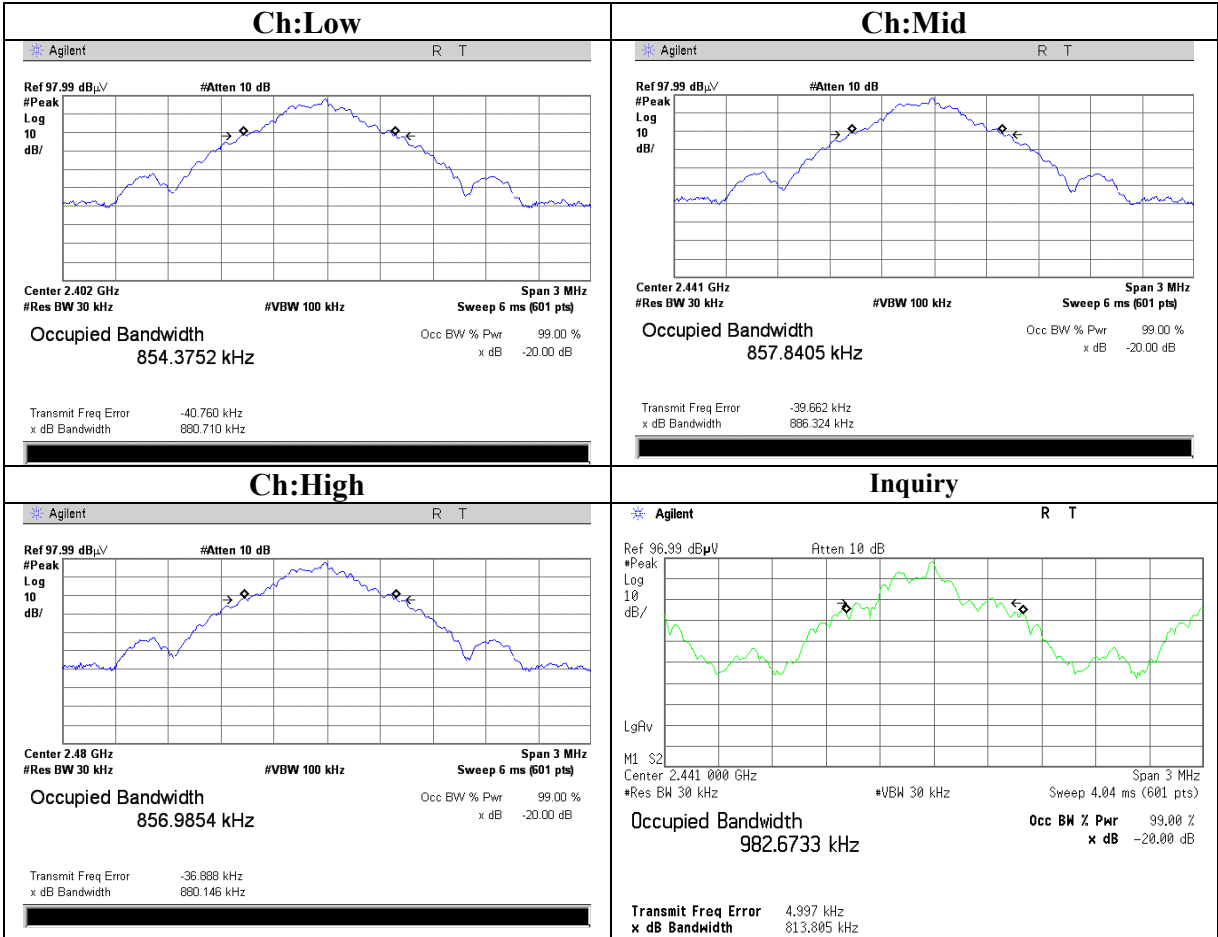
UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	:	FUJITSU TEN Limited	REGULATION	:	FCC15.247(a)(1)/RSS-210A8.1(1)
EQUIPMENT	:	DISPLAY	TEST DISTANCE	:	-
MODEL	:	BT016A	DATE	:	04/20/2007 , 04/23/2007
S/ N	:	1G000018	TEMPERATURE	:	26deg.C , 24deg.C
POWER	:	DC 12.0V	HUMIDITY	:	35% , 42%
MODE	:	Tx (Hopping off) /Inquiry	ENGINEER	:	Makoto Kosaka

Ch	Freq.	20dB Bandwidth	Limit
	[MHz]	[MHz]	[MHz]
Low	2402.0	0.881	-
Mid	2441.0	0.886	-
High	2480.0	0.880	-
Inquiry	2441.0	0.814	-

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20dB Bandwidth



Number of Hopping Frequency

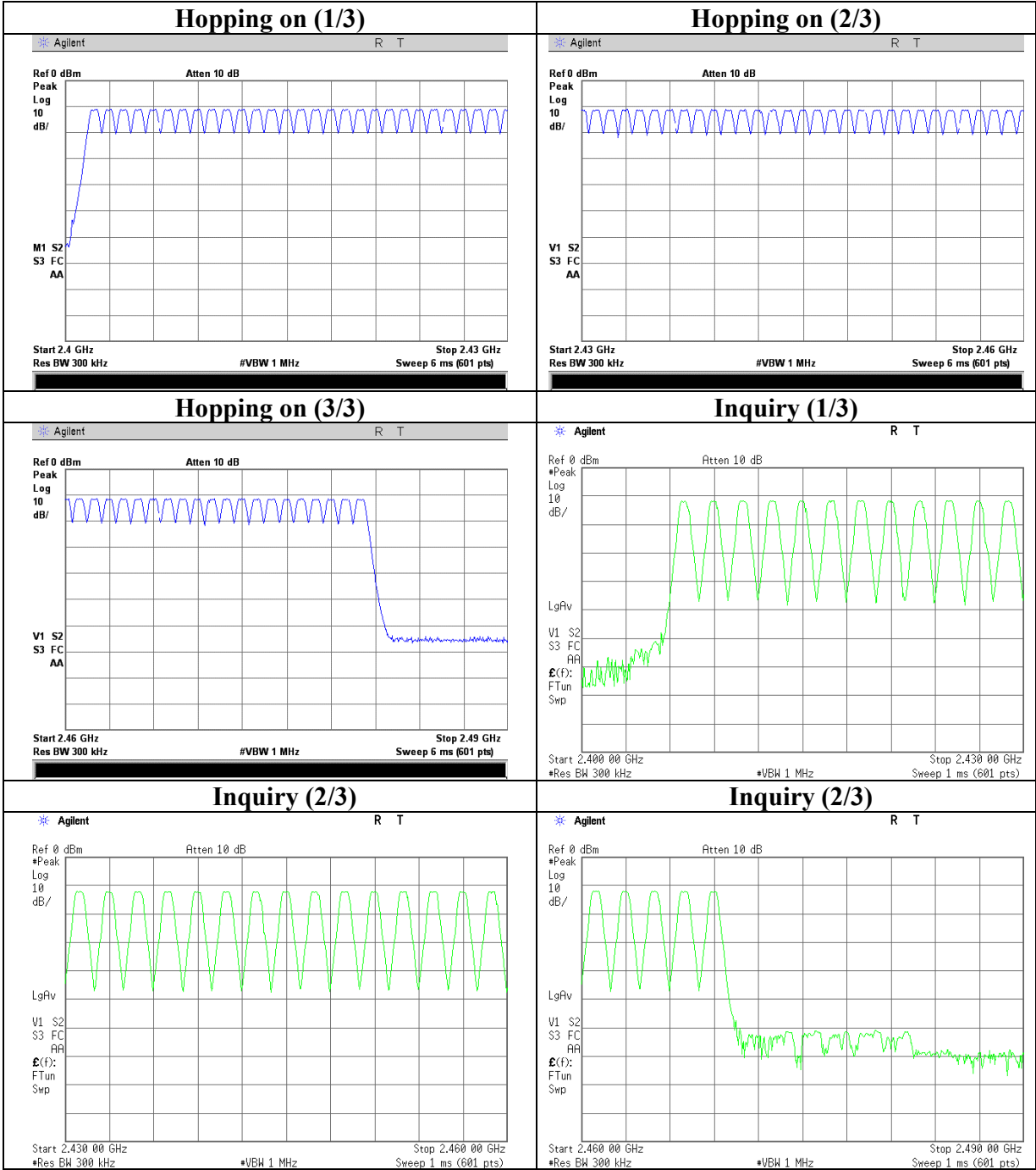
UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: FUJITSU TEN Limited	REGULATION	: FCC15.247(a)(1)(iii)/RSS-210A8.1(4)
EQUIPMENT	: DISPLAY	TEST DISTANCE	: -
MODEL	: BT016A	DATE	: 04/23/2007
S/ N	: 1G000018	TEMPERATURE	: 24deg.C
POWER	: DC 12.0V	HUMIDITY	: 42%
MODE	: Tx (Hoppng on) /Inquiry	ENGINEER	: Makoto Kosaka

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

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

Number of Hopping Frequency



Dwell time

UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

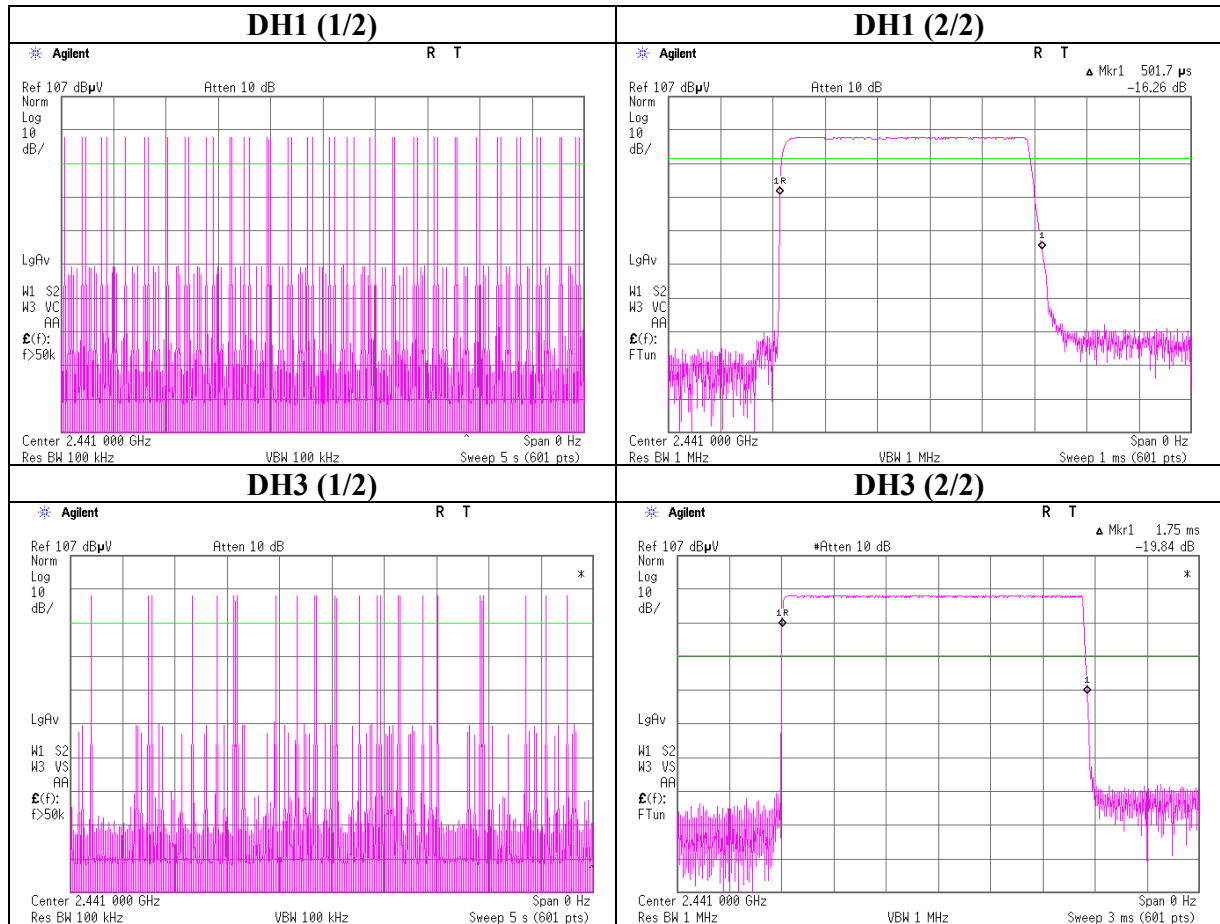
COMPANY	: FUJITSU TEN Limited	REGULATION	: FCC15.247(a)(1)(iii)/RSS-210A8.1(4)
EQUIPMENT	: DISPLAY	TEST DISTANCE	: -
MODEL	: BT016A	DATE	: 04/23/2007
S/ N	: 1G000018	TEMPERATURE	: 24deg.C
POWER	: DC 12.0V	HUMIDITY	: 42%
MODE	: Tx (Hopping on) /Inquiry	ENGINEER	: Makoto Kosaka

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	50 times / 5 sec. x 31.6 sec. = 316 times	0.502	159	400
*1 DH3	27 times / 5 sec. x 31.6 sec. = 171 times	1.750	299	400
*2 DH5	19 times / 5 sec. x 31.6 sec. = 121 times	3.000	363	400
Inquiry	100 times / 1 sec. x 12.8 sec. = 1280 times	0.222	284	400

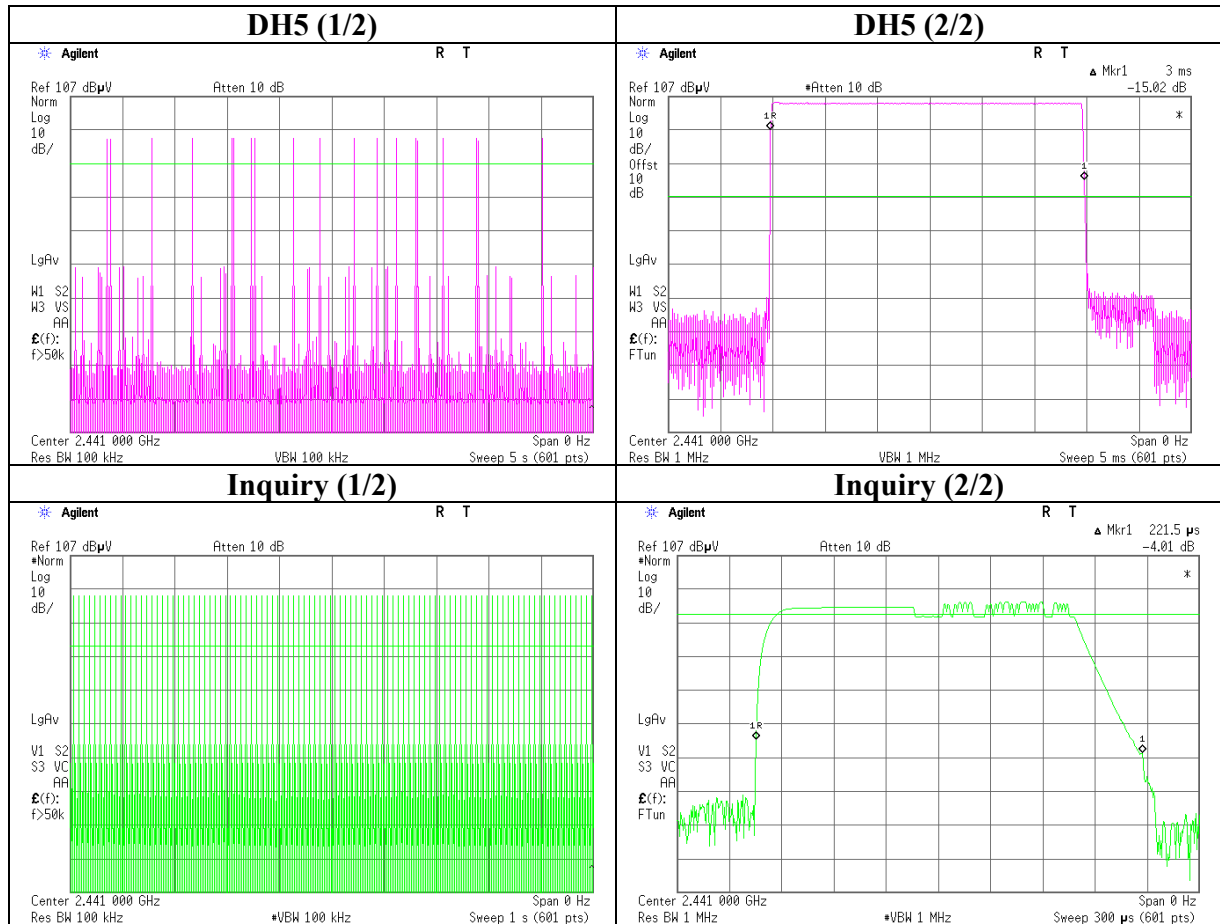
*1 The average of 5 times 1:27 / 2:29 / 3:31 / 4:26 / 5:23 Average 27times

*2 The average of 5 times 1:17 / 2:20 / 3:18 / 4:17 / 5:24 Average 19times

Dwell time



Dwell time



Maximum Peak Output Power

UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: FUJITSU TEN Limited	REGULATION	: FCC15.247(b)(1)/RSS-210A8.4(2)
EQUIPMENT	: DISPLAY	TEST DISTANCE	: -
MODEL	: BT016A	DATE	: 04/23/2007
S/ N	: 1G000018	TEMPERATURE	: 24deg.C
POWER	: DC 12.0V	HUMIDITY	: 42%
MODE	: Tx(Hopping Off)/Inquiry	ENGINEER	: Makoto Kosaka

Ch	Freq.	P/M Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-11.71	1.25	10.01	-0.45	0.90	20.97	125	21.42
Mid	2441.0	-11.65	1.25	10.02	-0.38	0.92	20.97	125	21.35
High	2480.0	-11.95	1.00	10.03	-0.92	0.81	20.97	125	21.89
Inquiry	2441.0	-11.94	1.25	10.02	-0.67	0.86	20.97	125	21.64

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.

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

DATA OF RADIATED EMISSION TEST

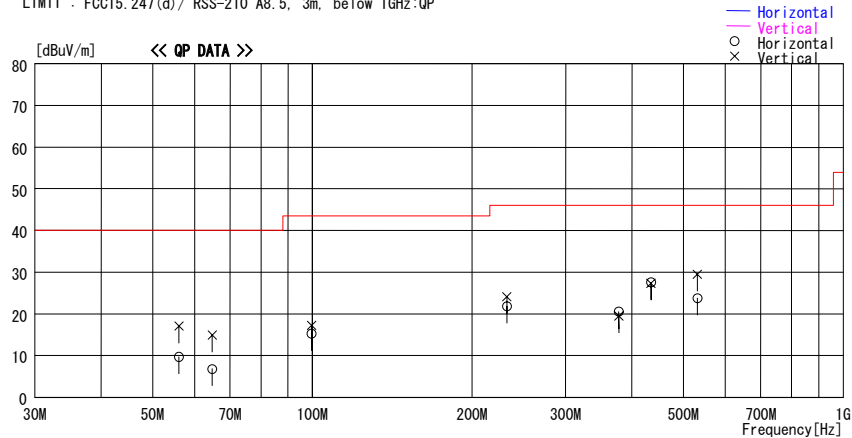
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2007/05/08

Company : FUJITSU TEN Limited
Kind of EUT : DISPLAY
Model No. : BT016A
Serial No. : 1G000002

Report No. : 27FE0008-H0
Power : DC 12V
Temp./Humi. : 22deg. C. / 54%
Operator : Hidekazu Tanaka

Mode / Remarks : BT Tx Lch

LIMIT : FCC15.247(d) / RSS-210 A8.5, 3m, below 1GHz:QP



Frequency	Reading	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain						
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
56.070	24.7	QP	9.5	-24.5	9.7	220	400	Hori.	40.0	30.3
56.070	32.1	QP	9.5	-24.5	17.1	0	100	Vert.	40.0	22.9
64.791	31.3	QP	8.0	-24.4	14.9	0	100	Vert.	40.0	25.1
64.791	23.2	QP	8.0	-24.4	6.8	10	400	Hori.	40.0	33.2
99.697	28.9	QP	10.4	-24.0	15.3	280	181	Hori.	43.5	28.2
99.697	30.9	QP	10.4	-24.0	17.3	183	100	Vert.	43.5	26.2
232.622	27.4	QP	17.0	-22.6	21.8	75	216	Hori.	46.0	24.2
232.622	29.7	QP	17.0	-22.6	24.1	0	100	Vert.	46.0	21.9
378.109	23.8	QP	17.3	-21.6	19.5	0	143	Vert.	46.0	26.5
378.109	24.8	QP	17.3	-21.6	20.5	102	200	Hori.	46.0	25.5
434.836	30.5	QP	18.3	-21.2	27.6	125	207	Hori.	46.0	18.4
434.836	30.2	QP	18.3	-21.2	27.3	0	145	Vert.	46.0	18.7
531.699	30.5	QP	19.6	-20.6	29.5	145	100	Vert.	46.0	16.5
531.699	24.8	QP	19.6	-20.6	23.8	128	190	Hori.	46.0	22.2

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)

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

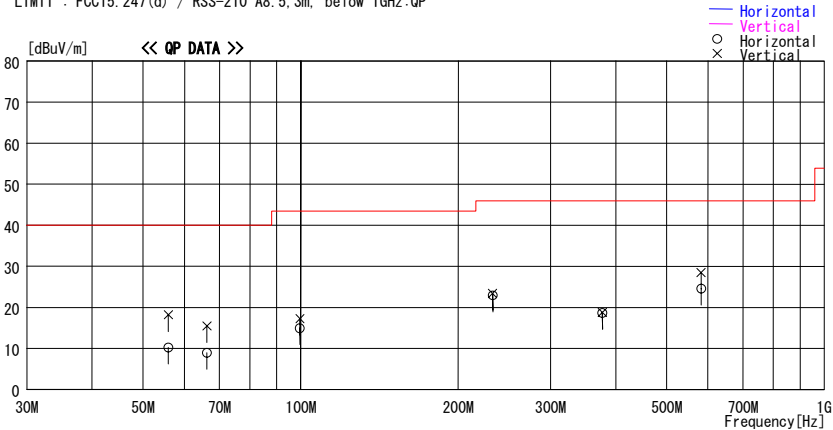
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2007/05/08

Company : FUJITSU TEN Limited
Kind of EUT : DISPLAY
Model No. : BT016A
Serial No. : 1G000002
Report No. : 27FE0008-HO
Power : DC 12V
Temp./Humi. : 22deg. C. / 54%
Operator : Hidekazu Tanaka

Mode / Remarks : BT Tx Mch

LIMIT : FCC15.247(d) / RSS-210 A8.5, 3m, below 1GHz:QP



Frequency	Reading	DET	Antenna		Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain						
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
55.905	33.2	QP	9.5	-24.5	18.2	220	100	Vert.	40.0	21.8
55.905	25.3	QP	9.5	-24.5	10.3	140	400	Hori.	40.0	29.7
66.224	25.6	QP	7.8	-24.4	9.0	0	120	Hori.	40.0	31.0
66.224	32.1	QP	7.8	-24.4	15.5	0	276	Vert.	40.0	24.5
99.692	28.6	QP	10.4	-24.0	15.0	265	167	Hori.	43.5	28.5
99.692	30.9	QP	10.4	-24.0	17.3	182	100	Vert.	43.5	26.2
232.618	28.6	QP	17.0	-22.6	23.0	80	266	Hori.	46.0	23.0
232.618	29.0	QP	17.0	-22.6	23.4	0	260	Vert.	46.0	22.6
377.091	23.1	QP	17.2	-21.6	18.7	146	100	Hori.	46.0	27.3
377.091	23.2	QP	17.2	-21.6	18.8	0	100	Vert.	46.0	27.2
582.173	25.1	QP	19.9	-20.4	24.6	90	142	Hori.	46.0	21.4
582.173	29.0	QP	19.9	-20.4	28.5	184	100	Vert.	46.0	17.5

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)

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

DATA OF RADIATED EMISSION TEST

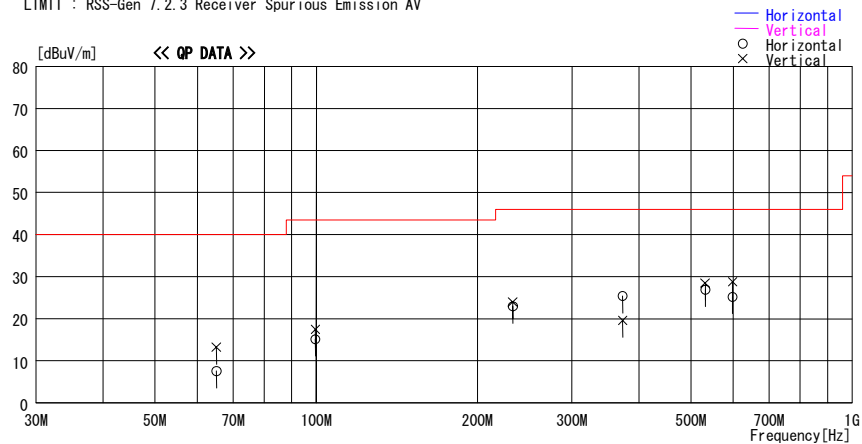
UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2007/05/08

Company : FUJITSU TEN Limited
Kind of EUT : DISPLAY
Model No. : BT016A
Serial No. : 16000002

Report No. : 27FE0008-HO
Power : DC 12V
Temp./Humi. : 22deg. C. / 54%
Operator : Hidekazu Tanaka

Mode / Remarks : BT Rx Mch

LIMIT : RSS-Gen 7.2.3 Receiver Spurious Emission AV



Frequency	Reading	DET	Antenna Factor	Loss & Gain	Level	Angle	Height	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
65.131	24.0	QP	7.9	-24.4	7.5	80	100	Hori.	40.0	32.5
65.131	29.7	QP	7.9	-24.4	13.2	0	372	Vert.	40.0	26.8
99.692	28.7	QP	10.4	-24.0	15.1	269	183	Hori.	43.5	28.4
99.692	31.0	QP	10.4	-24.0	17.4	194	100	Vert.	43.5	26.1
232.619	28.6	QP	17.0	-22.6	23.0	87	308	Hori.	46.0	23.0
232.619	29.6	QP	17.0	-22.6	24.0	0	100	Vert.	46.0	22.0
373.301	29.8	QP	17.2	-21.6	25.4	152	100	Hori.	46.0	20.6
373.301	24.0	QP	17.2	-21.6	19.6	354	141	Vert.	46.0	26.4
531.697	29.5	QP	19.6	-20.6	28.5	114	100	Vert.	46.0	17.5
531.697	27.9	QP	19.6	-20.6	26.9	346	188	Hori.	46.0	19.1
598.159	29.1	QP	20.0	-20.4	28.7	196	100	Vert.	46.0	17.3
598.159	25.6	QP	20.0	-20.4	25.2	160	121	Hori.	46.0	20.8

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

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

Company : FUJITSU TEN Limited
Equipment: DISPLAY
Model : BT016A
S/N : 1G000002
Power : DC 12V
Mode : Tx 2402MHz
Position : Normal Position

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation: FCC15.247(d) / RSS-210 A8.5
Test Distance: 3m / 1m
Date : 04/27/2007
Temperature: 22deg.C.
Humidity : 34%
Engineer : Hidekazu Tanaka

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	44.7	44.0	27.1	32.3	3.2	0.0	42.7	42.0	73.9	31.2	31.9
2	2400.00	62.7	53.4	27.1	32.3	3.3	0.0	60.8	51.5	73.9	13.1	22.4
3	4804.00	46.5	46.8	31.3	31.6	4.5	0.1	50.8	51.1	73.9	23.1	22.8
4	7206.00	43.1	43.5	35.7	31.4	5.2	0.3	52.9	53.3	73.9	21.0	20.6
5	9608.00	43.6	43.9	38.5	31.9	6.2	0.7	57.1	57.4	73.9	16.8	16.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14412.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	16814.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19216.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21618.00	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24020.00	48.4	48.1	40.6	30.7	10.3	0.0	59.1	58.8	73.9	14.8	15.1

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.00	30.4	30.1	27.1	32.3	3.2	0.0	28.4	28.1	53.9	25.5	25.8
2	2400.00	43.6	36.8	27.1	32.3	3.3	0.0	41.7	34.9	53.9	12.2	19.0
3	4804.00	34.9	37.3	31.3	31.6	4.5	0.1	39.2	41.6	53.9	14.7	12.3
4	7206.00	29.4	29.4	35.7	31.4	5.2	0.3	39.2	39.2	53.9	14.7	14.7
5	9608.00	29.7	29.7	38.5	31.9	6.2	0.7	43.2	43.2	53.9	10.7	10.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14412.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	16814.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19216.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21618.00	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24020.00	34.5	34.5	40.6	30.7	10.3	0.0	45.2	45.2	53.9	8.7	8.7

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.54$ dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the third harmonic, the noise from the EUT was not seen.The above data is its base noise.
*NS:No Signal

Radiated Spurious Emission (above 1GHz)

Tx, Ch. Mid

Company: FUJITSU TEN Limited
Equipment: DISPLAY
Model: BT016A
S/N: 1G000002
Power: DC 12V
Mode: Tx 2441MHz
Position: Normal Position

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation: FCC15.247(d) / RSS-210 A8.5
Test Distance: 3m / 1m
Date: 04/27/2007
Temperature: 22deg.C.
Humidity: 34%
Engineer: Hidekazu Tanaka

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.00	48.2	48.2	31.4	31.6	4.5	0.0	52.5	52.5	73.9	21.4	21.4
2	7323.00	43.3	43.6	36.0	31.4	5.3	0.4	53.6	53.9	73.9	20.3	20.0
3	9764.00	43.9	43.5	38.7	32.0	6.2	0.7	57.5	57.1	73.9	16.4	16.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.00	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24410.00	48.2	47.5	40.7	30.6	10.5	0.0	59.3	58.6	73.9	14.6	15.3

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.00	39.5	39.6	31.4	31.6	4.5	0.0	43.8	43.9	53.9	10.1	10.0
2	7323.00	29.3	29.3	36.0	31.4	5.3	0.4	39.6	39.6	53.9	14.3	14.3
3	9764.00	29.6	29.4	38.7	32.0	6.2	0.7	43.2	43.0	53.9	10.7	10.9
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.00	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14646.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17087.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19528.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21969.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24410.00	33.9	33.9	40.7	30.6	10.5	0.0	45.0	45.0	53.9	8.9	8.9

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.54$ dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the third harmonic, the noise from the EUT was not seen.The data above is its base noise.
*NS:No Signal

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FCC ID : BABBT016A

Radiated Spurious Emission (above 1GHz)

Tx, Ch. High

Company : FUJITSU TEN Limited
Equipment : DISPLAY
Model : BT016A
S/N : 1G000002
Power : DC 12V
Mode : Tx 2480MHz
Position : Normal Position

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation : FCC15.247(d) / RSS-210 A8.5
Test Distance : 3m / 1m
Date : 04/27/2007
Temperature : 22deg.C.
Humidity : 34%
Engineer : Hidekazu Tanaka

PK DETECT (RBW: 1MHz, VBW: 1MHz)												
No.	FREQ	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
	[MHz]	[dBuV]		[dB]								
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	51.1	45.5	27.2	32.3	3.1	0.0	49.1	43.5	73.9	24.8	30.4
2	4960.00	48.5	47.7	31.5	31.6	4.6	0.0	53.0	52.2	73.9	20.9	21.7
3	7440.00	43.9	44.1	36.2	31.4	5.4	0.5	54.6	54.8	73.9	19.3	19.1
4	9920.00	44.5	44.9	38.9	32.0	6.2	0.7	58.3	58.7	73.9	15.6	15.2
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.00	NS	NS	-	-	-	-	-	-	73.9	-	-
6	14880.00	NS	NS	-	-	-	-	-	-	73.9	-	-
7	17360.00	NS	NS	-	-	-	-	-	-	73.9	-	-
8	19840.00	NS	NS	-	-	-	-	-	-	73.9	-	-
9	22320.00	NS	NS	-	-	-	-	-	-	73.9	-	-
10	24800.00	47.1	47.1	40.8	30.5	10.7	0.0	58.6	58.6	73.9	15.3	15.3

AV DETECT (RBW: 1MHz, VBW: 10Hz)												
No.	FREQ	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
	[MHz]	[dBuV]		[dB]								
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2483.50	33.2	30.9	27.2	32.3	3.1	0.0	31.2	28.9	53.9	22.7	25.0
2	4960.00	39.3	38.8	31.5	31.6	4.6	0.0	43.8	43.3	53.9	10.1	10.6
3	7440.00	29.6	29.5	36.2	31.4	5.4	0.5	40.3	40.2	53.9	13.6	13.7
4	9920.00	30.4	30.1	38.9	32.0	6.2	0.7	44.2	43.9	53.9	9.7	10.0
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	12400.00	NS	NS	-	-	-	-	-	-	53.9	-	-
6	14880.00	NS	NS	-	-	-	-	-	-	53.9	-	-
7	17360.00	NS	NS	-	-	-	-	-	-	53.9	-	-
8	19840.00	NS	NS	-	-	-	-	-	-	53.9	-	-
9	22320.00	NS	NS	-	-	-	-	-	-	53.9	-	-
10	24800.00	33.7	33.6	40.8	30.5	10.7	0.0	45.2	45.1	53.9	8.7	8.8

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.54$ dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.
*In the frequency over the third harmonic, the noise from the EUT was not seen.The data above is its base noise.
*NS:No Signal

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Issued date : May 21, 2007
Revised date : May 30, 2007
FCC ID : BABBT016A

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

Company : FUJITSU TEN Limited
Equipment: DISPLAY
Model : BT016A
S/N : 1G000002
Power : DC 12V
Mode : Rx 2441MHz
Position : Normal Position

UL Japan, Inc.
Head Office EMC Lab. No.2 Semi Anechoic Chamber
Regulation: FCC15.247(d) / RSS-Gen 7.2.3
Test Distance: 3m
Date : 04/27/2007
Temperature: 22deg.C.
Humidity : 34%
Engineer : Hidekazu Tanaka

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

No.		FREQ		S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
				HOR	VER	Factor	GAIN	LOSS	Filter			PK	HOR	VER
		[MHz]		[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss														
1	2441.00	52.6	48.8	27.2	32.3	3.3	0.0		50.8	47.0	73.9		23.1	26.9
2	4882.00	42.8	42.8	31.4	31.6	4.5	0.0		47.1	47.1	73.9		26.8	26.8
3	7323.00	42.9	43.1	36.0	31.4	5.3	0.0		52.8	53.0	73.9		21.1	20.9

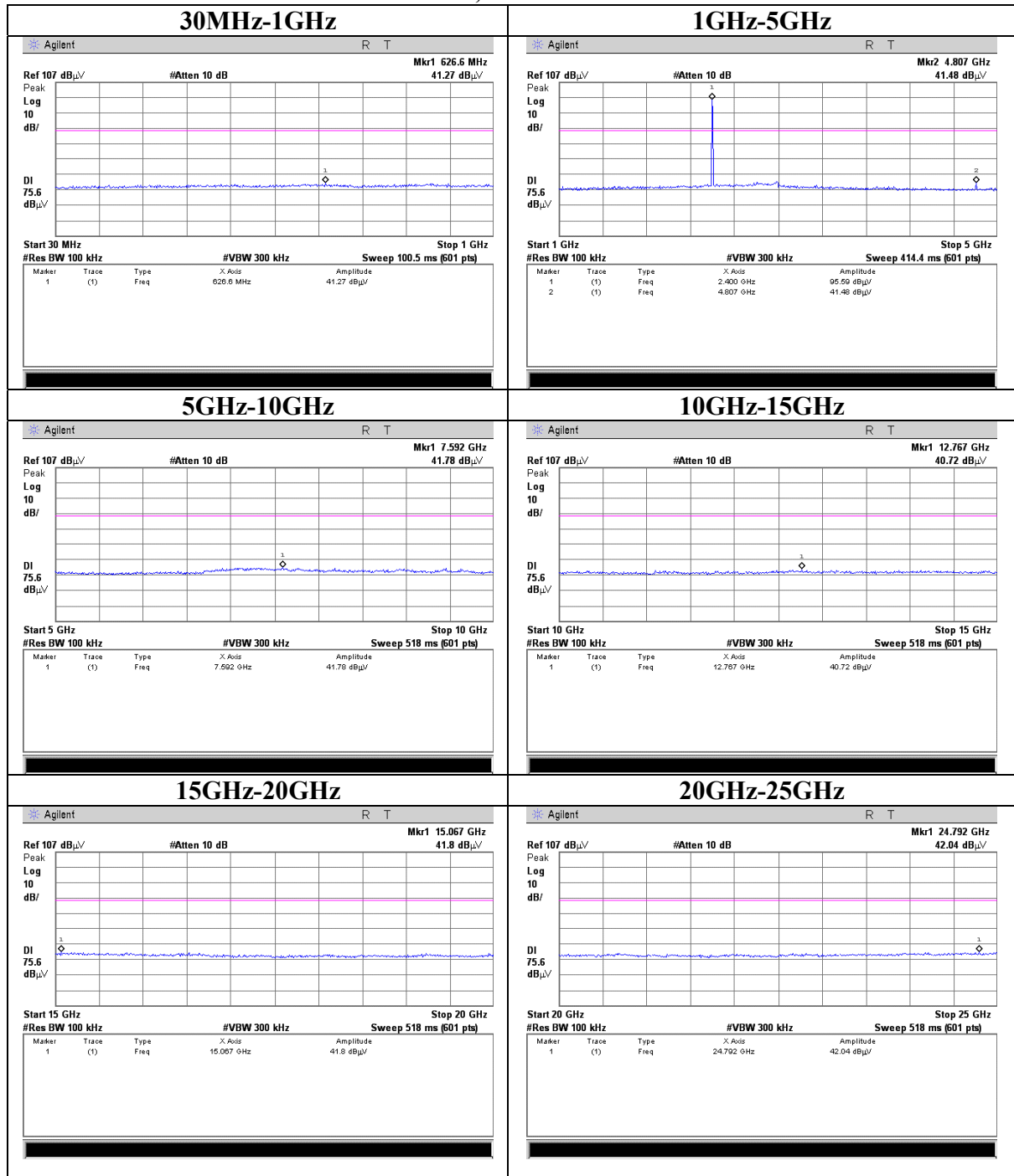
AV DETECT (RBW: 1MHz, VBW: 10Hz)

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2441.00	49.5	43.3	27.2	32.3	3.3	0.0	47.7	41.5	53.9	6.2	12.4
2	4882.00	29.3	29.3	31.4	31.6	4.5	0.0	33.6	33.6	53.9	20.3	20.3
3	7323.00	29.6	29.6	36.0	31.4	5.3	0.0	39.5	39.5	53.9	14.4	14.4

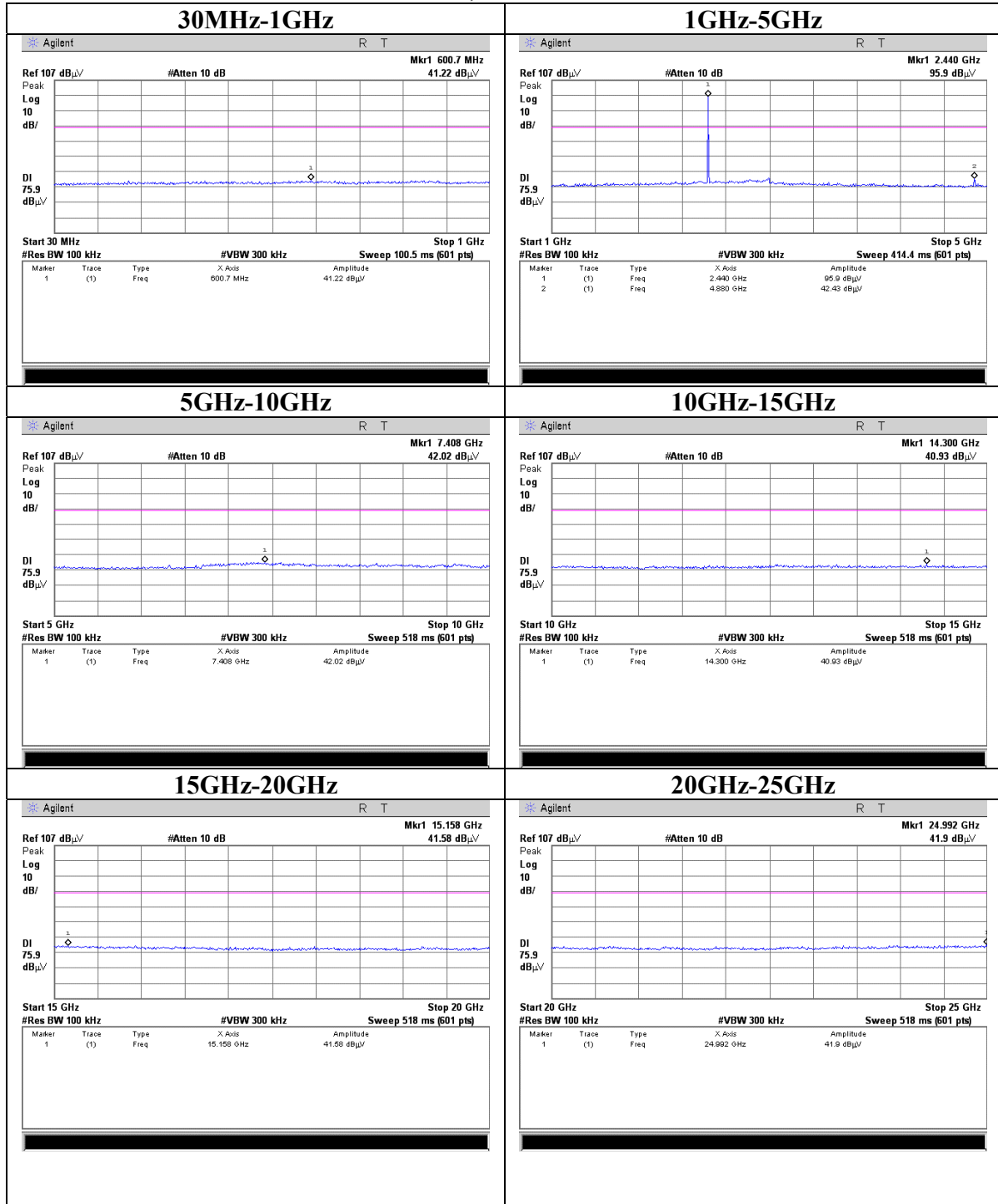
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*The limit is rounded down to one decimal place.
*The test result is round off to one or two decimal places, so some differences might be observed.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.

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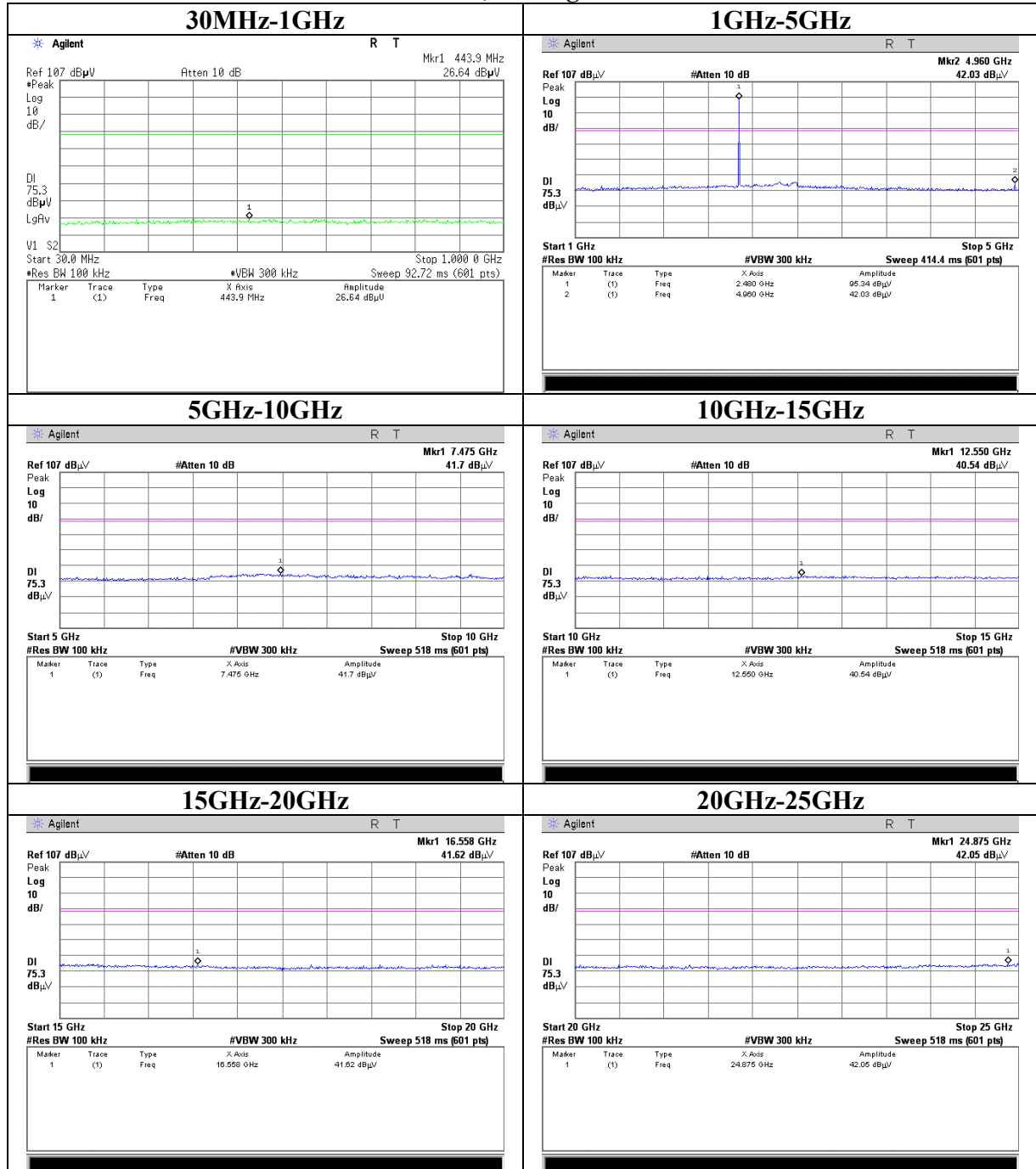
Conducted Spurious Emission
Tx, Ch:Low



Conducted Spurious Emission
Tx, Ch:Mid

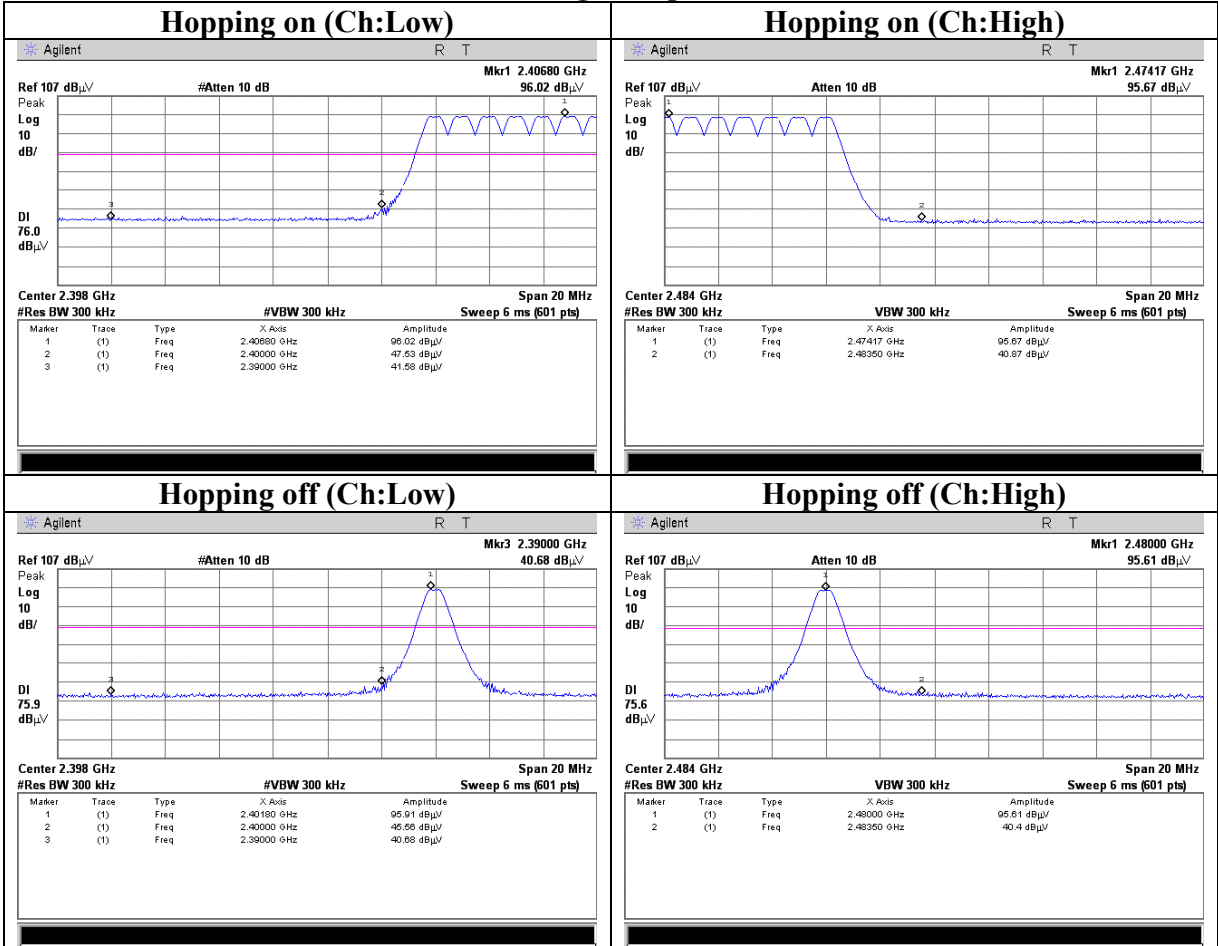


Conducted Spurious Emission
Tx, Ch:High

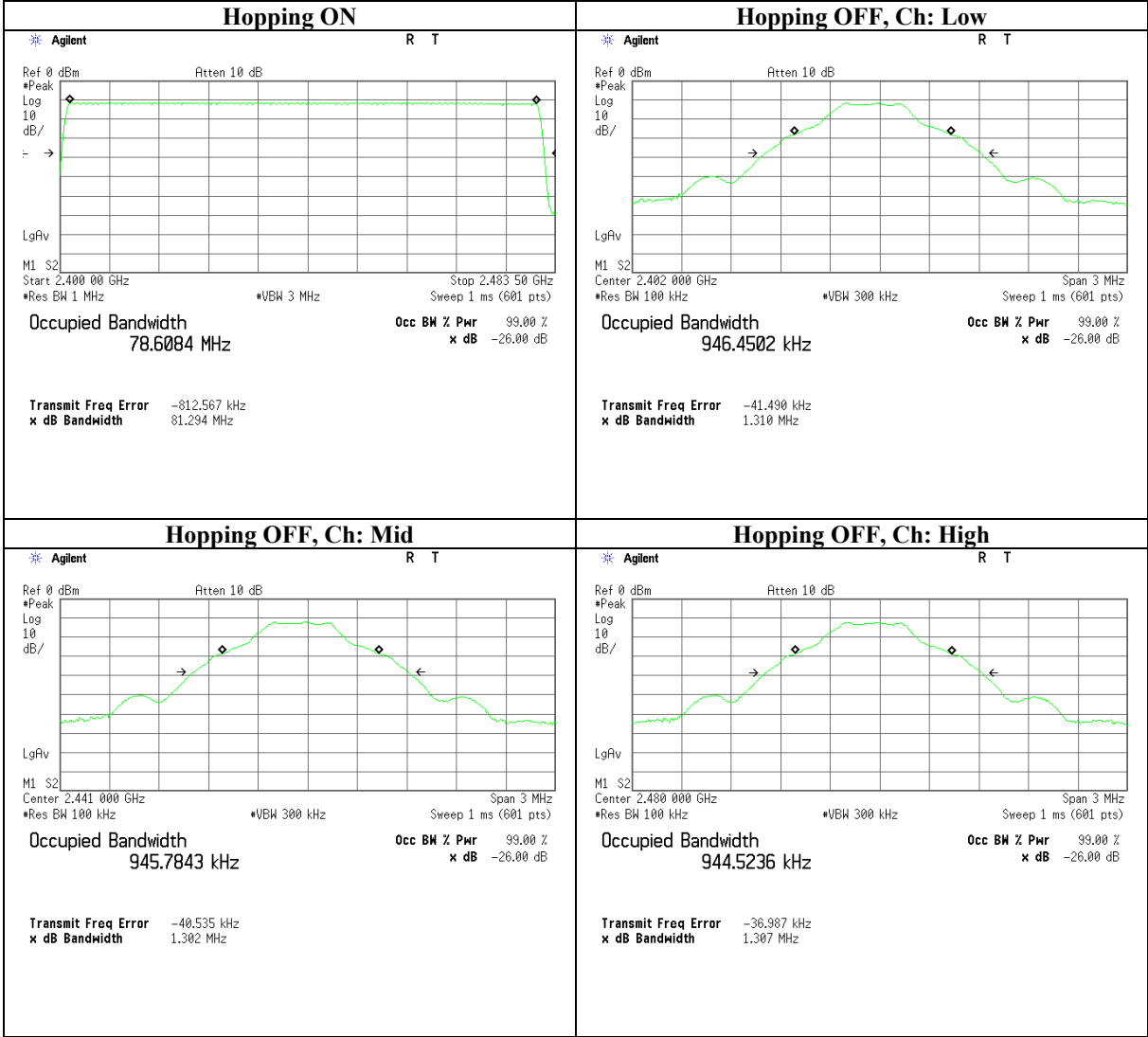


Conducted Spurious Emission

Band Edge compliance



99% Occupied Bandwidth



APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MSA-06	Spectrum Analyzer	Agilent	E4407B	AT	2007/04/10 * 12
MCC-06	Microwave Cable 1G-26.5GHz 1m	Suhner	SUCOFLEX 104	AT	2007/02/26 * 12
MAT-25	Attenuator(10dB)(a bove1GHz)	Agilent	8493C	AT	2006/06/02 * 12
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2006/11/27 * 12
MDPS-12	DC Power Supply	Kikusui	PAK35-10A	AT	Pre Check
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2006/06/02 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2006/09/20 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2006/09/20 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	AT	2006/08/29 * 12
MAT-22	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2007/03/07 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/04/02 * 12
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2006/11/27 * 12
MJM-05	Measure	PROMART	SEN1955	RE	-
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2007/01/30 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2007/01/30 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2006/08/29 * 12
MCC-16	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX 104	RE	2007/02/22 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2006/09/11 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	RE	2006/09/13 * 12
MHF-06	High Pass Filter 3.5-24GHz	Tokimec	TF323DCA	RE	2006/05/20 * 12
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/03/03 * 12

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Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MOS-15	Thermo-Hygrometer	Custom	CTH-180	RE	2006/01/19 * 24
MBM-03	Barometer	Sunoh	SBR121	RE	2006/02/13 * 36
MJM-07	Measure	PROMART	SEN1955	RE	-
MMM-10	DIGITAL HiTESTER	Hioki	3805	RE	2007/01/12 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	RE	2007/01/19 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	RE	2007/01/19 * 12
MCC-50	Coaxial cable	UL Apex	-	RE	2007/03/06 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	RE	2007/03/05 * 12
MPA-14	Pre Amplifier	SONOMA INSTRUMENT	310	RE	2007/03/12 * 12
MSA-05	Spectrum Analyzer	Advantest	R3273	RE	2006/05/20 * 12
MTR-06	Test Receiver	Rohde & Schwarz	ESCS30	RE	2006/09/12 * 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.

Test Item:

RE: Radiated Emission

AT: Antenna Terminal Conducted test

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