

APPENDIX 2: Data of EMI test

Conducted Emission DH5_ch Low

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Anechoic Chamber
Date : 2007/07/26

Applicant : YAMAHA CORPORATION
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model No. : NX-B02
Serial No. : E10057TV
Report No. : 27KE0279-HO
Power : AC120V / 60Hz
Temp./Humi. : 25deg. C / 54%
Operator : Norihisa Hashimoto
Mode / Remarks : BT_Tx DH5 2402MHz
LIMIT : FCC15.207 QP
FCC15.207 AV

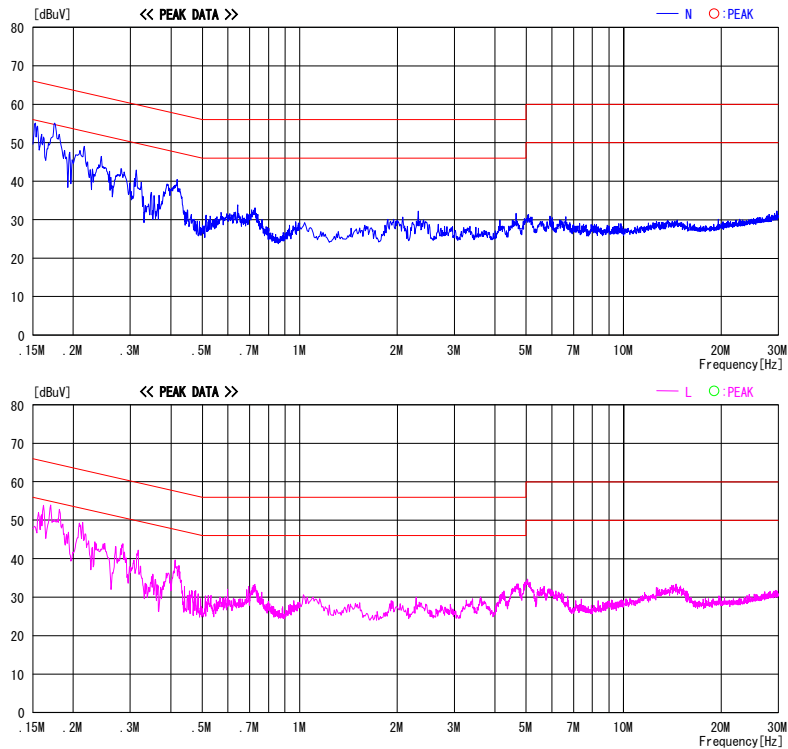


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCULATION: RESULT=READING+C.F.(LISN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

Conducted Emission
DH5_ch Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Anechoic Chamber
Date : 2007/07/26

Applicant : YAMAHA CORPORATION
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model No. : NX-B02
Serial No. : E10057TV
Report No. : 27KE0279-HO
Power : AC120V / 60Hz
Temp./Humi. : 25deg. C / 54%
Operator : Norihisa Hashimoto

Mode / Remarks : BT_Tx DH5 2441MHz

LIMIT : FCC15.207 OP
FCC15.207 AV

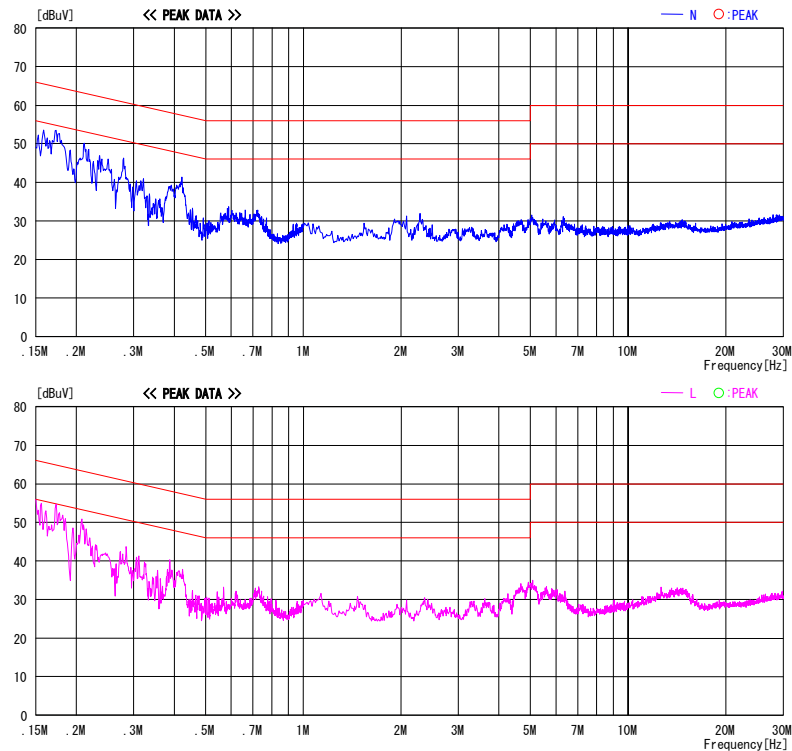


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCULATION: RESULT=READING+C.F.(LISN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

Conducted Emission

DH5_ch High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 3 Anechoic Chamber

Date : 2007/07/26

Applicant : YAMAHA CORPORATION

Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM

Model No. : NX-B02

Serial No. : E10057TV

Report No. : 27KE0279-HO

Power : AC120V / 60Hz

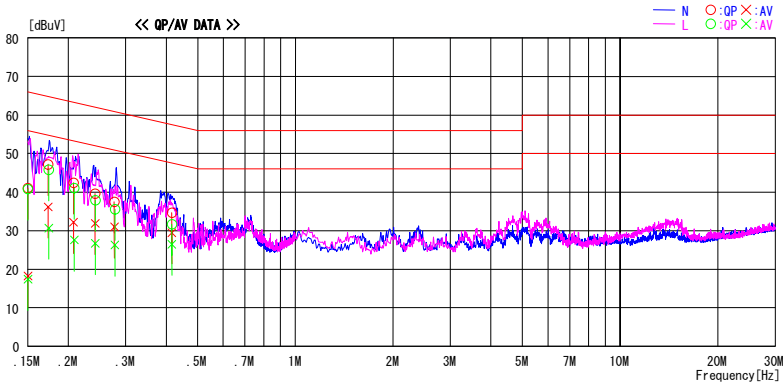
Temp./Humi. : 25deg. C / 54%

Operator : Norihisa Hashimoto

Mode / Remarks : BT_Tx DH5 2480MHz

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]	
0.15000	40.7	17.8	0.4	41.1	18.2	66.0	56.0	24.9	37.8	N
0.17315	46.8	35.8	0.4	47.2	36.2	64.8	54.8	17.6	18.6	N
0.20725	42.0	31.8	0.4	42.4	32.2	63.3	53.3	20.9	21.1	N
0.24170	39.2	31.5	0.4	39.6	31.9	62.0	52.0	22.4	20.1	N
0.27695	37.1	30.6	0.4	37.5	31.0	60.9	50.9	23.4	19.9	N
0.41689	34.3	29.1	0.4	34.7	29.5	57.5	47.5	22.8	18.0	N
0.15000	40.4	17.0	0.4	40.8	17.4	66.0	56.0	25.2	38.6	L
0.17402	45.4	30.3	0.4	45.8	30.7	64.8	54.8	19.0	24.1	L
0.20845	40.7	27.2	0.4	41.1	27.6	63.3	53.3	22.2	25.7	L
0.24190	37.5	26.3	0.4	37.9	26.7	62.0	52.0	24.1	25.3	L
0.27835	35.2	25.9	0.4	35.6	26.3	60.9	50.9	25.3	24.6	L
0.41693	31.3	26.1	0.4	31.7	26.5	57.5	47.5	25.8	21.0	L

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

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

Conducted Emission

3DH5_ch Low

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Anechoic Chamber

Date : 2007/07/26

Applicant : YAMAHA CORPORATION

Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM

Model No. : NX-B02

Serial No. : E10057TV

Report No. : 27KE0279-HO

Power : AC120V / 60Hz

Temp./Humi. : 25deg. C / 54%

Operator : Norihisa Hashimoto

Mode / Remarks : BT_Tx 3DH5 2402MHz

LIMIT : FCC15.207 OP

FCC15.207 AV

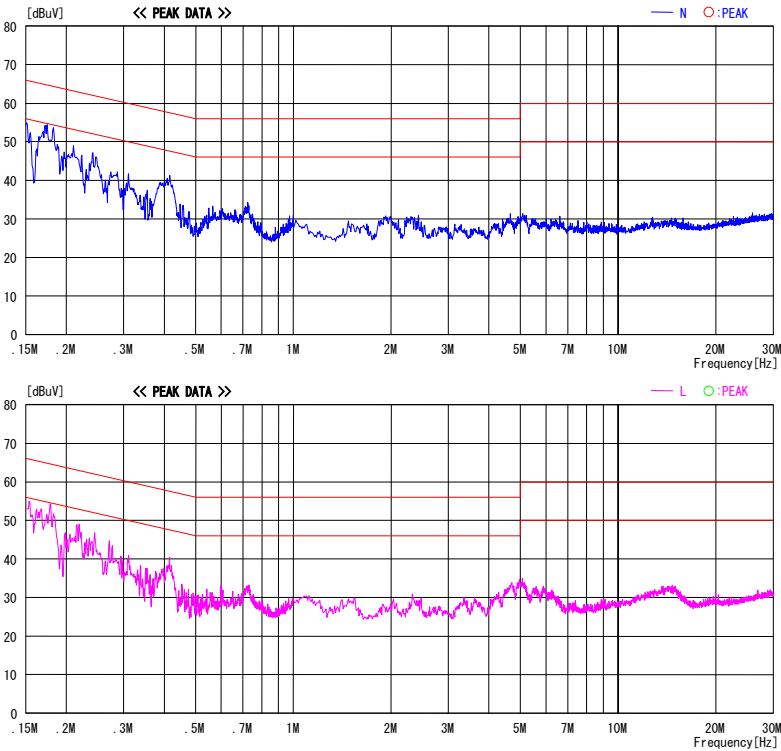


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F.(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission 3DH5_ch Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Anechoic Chamber
Date : 2007/07/27

Applicant : YAMAHA CORPORATION
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model No. : NX-B02
Serial No. : E10057TV

Report No. : 27KE0279-HO
Power : AC120V / 60Hz
Temp./Humi. : 25deg. C / 54%
Operator : Norihisa Hashimoto

Mode / Remarks : BT_Tx 3DH5 2441MHz

LIMIT : FCC15.207 OP
FCC15.207 AV

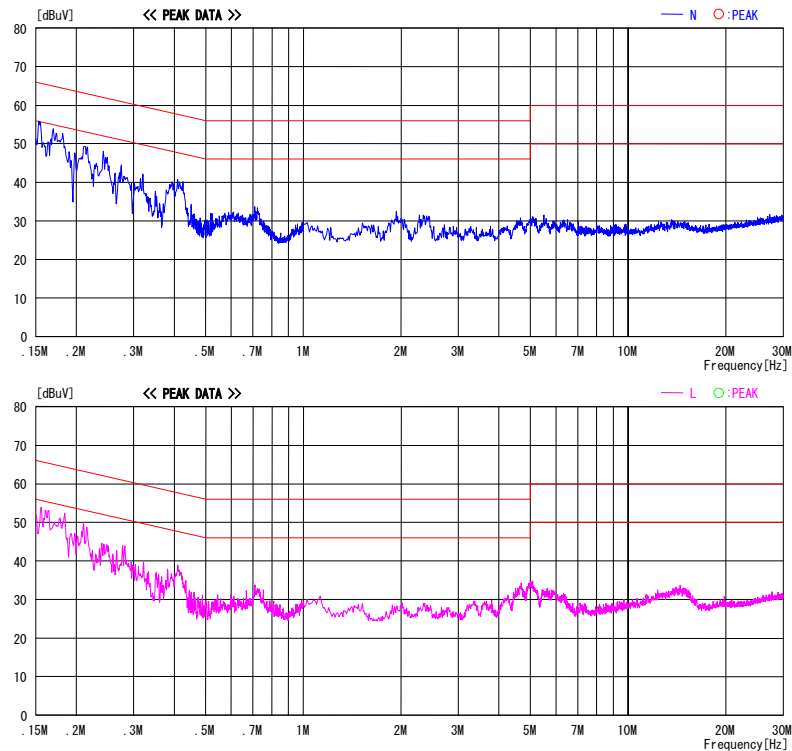


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCULATION: RESULT=READING+C.F.(LISN LOSS+CABLE LOSS)
Except for the above table: adequate margin data below the limits.

Conducted Emission

3DH5_ch High

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Anechoic Chamber

Date : 2007/07/27

Applicant : YAMAHA CORPORATION

Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM

Model No. : NX-B02

Serial No. : E10057TV

Report No. : 27KE0279-HO

Power : AC120V / 60Hz

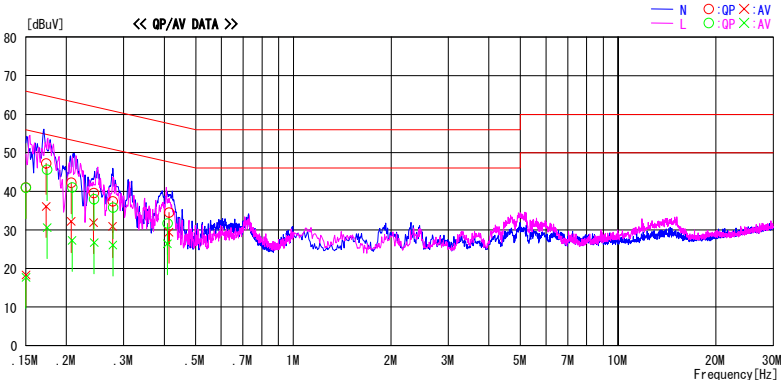
Temp./Humi. : 25deg. C / 54%

Operator : Norihisa Hashimoto

Mode / Remarks : BT_Tx 3DH5 2480MHz

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]	
0.15000	40.7	17.9	0.4	41.1	18.3	66.0	56.0	24.9	37.7	N
0.17313	46.9	35.7	0.4	47.3	36.1	64.8	54.8	17.5	18.7	N
0.20695	41.9	31.8	0.4	42.3	32.2	63.3	53.3	21.0	21.1	N
0.24240	39.2	31.5	0.4	39.6	31.9	62.0	52.0	22.4	20.1	N
0.27750	37.0	30.5	0.4	37.4	30.9	60.9	50.9	23.5	20.0	N
0.41355	34.1	29.0	0.4	34.5	29.4	57.6	47.6	23.1	18.2	N
0.15000	40.6	17.3	0.4	41.0	17.7	66.0	56.0	25.0	38.3	L
0.17440	45.3	30.2	0.4	45.7	30.6	64.7	54.7	19.0	24.1	L
0.20827	40.7	26.9	0.4	41.1	27.3	63.3	53.3	22.2	26.0	L
0.24330	37.6	26.3	0.4	38.0	26.7	62.0	52.0	24.0	25.3	L
0.27815	35.4	25.7	0.4	35.8	26.1	60.9	50.9	25.1	24.8	L
0.40965	31.3	26.0	0.4	31.7	26.4	57.7	47.7	26.0	21.3	L

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

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

Conducted Emission

Rx_ch Mid

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.3 Anechoic Chamber

Date : 2007/07/27

Applicant : YAMAHA CORPORATION

Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM

Model No. : NX-B02

Serial No. : E10057TV

Report No. : 27KE0279-HO

Power : AC120V / 60Hz

Temp./Humi. : 25deg. C / 54%

Operator : Norihisa Hashimoto

Mode / Remarks : BT_Rx 2441MHz

LIMIT : FCC15.207 QP

FCC15.207 AV

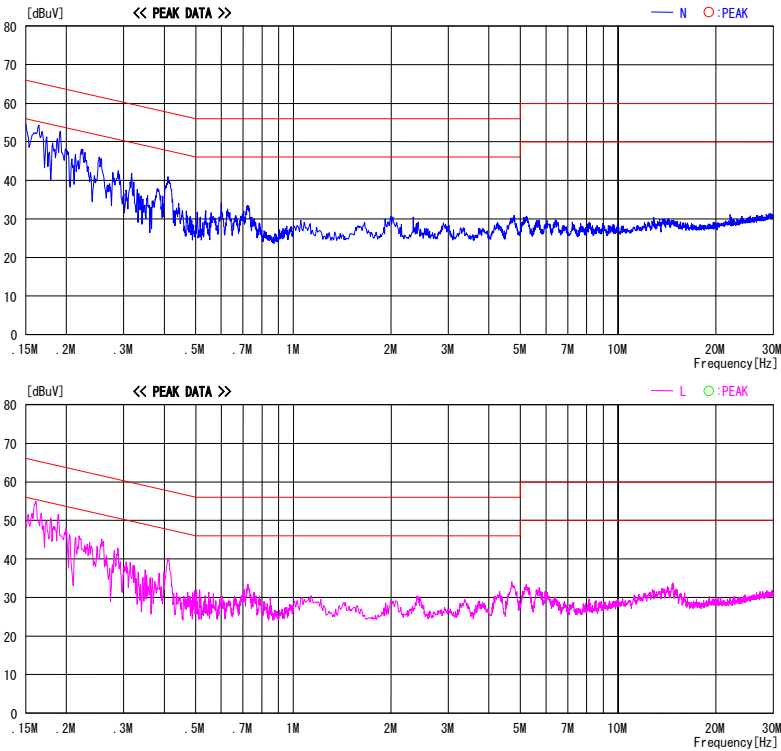


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F.(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Carrier Frequency Separation

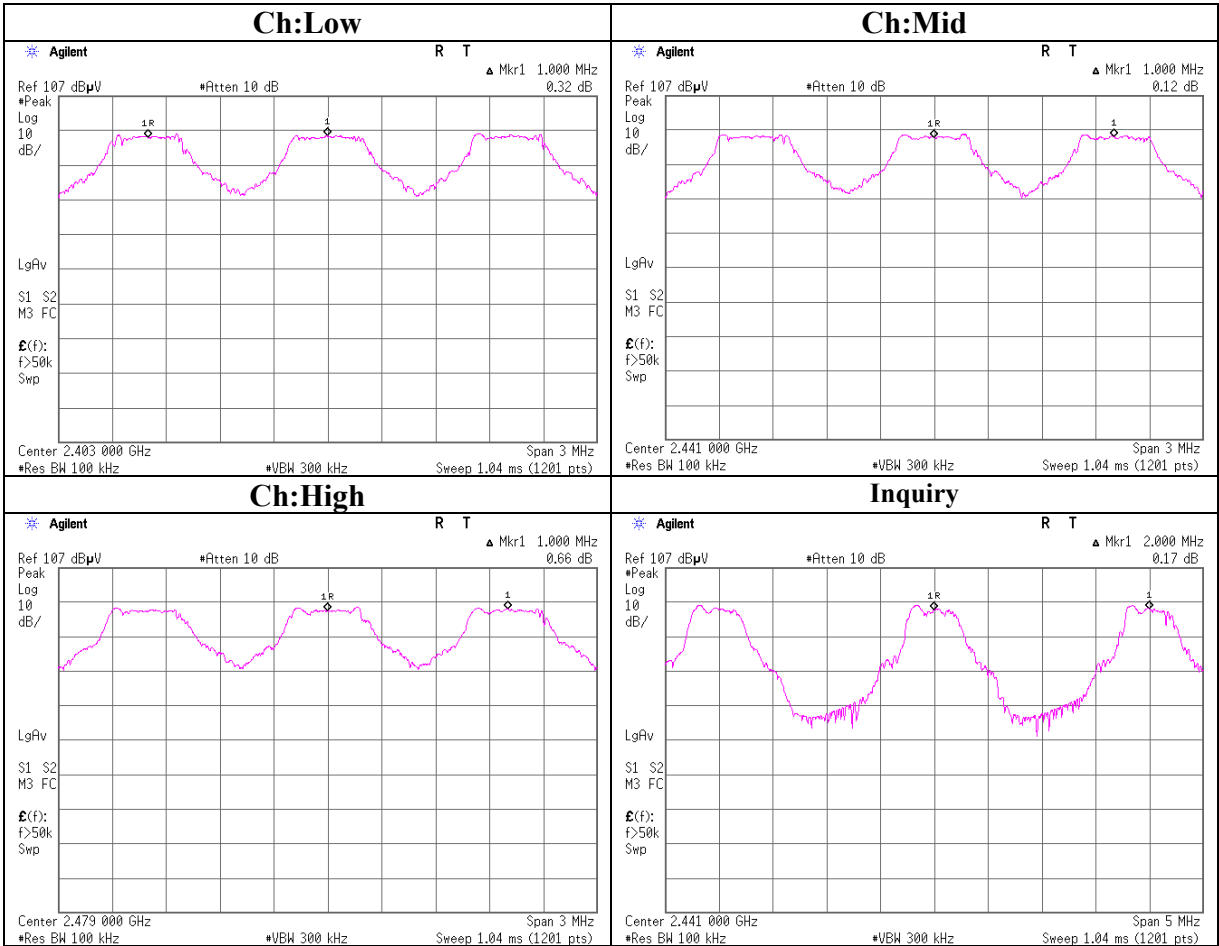
UL Japan, Inc.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: YAMAHA CORPORATION	REGULATION	: FCC15.247(a)(1)/RSS-210A8.1(b)
EQUIPMENT	: BLUETOOTH WIRELESS SPEAKER SYSTEM	TEST DISTANCE	: -
MODEL	: NX-B02	DATE	: 07/23/2007
S/ N	: E10057TV	TEMPERATURE	: 25deg.C
POWER	: AC120V/60Hz	HUMIDITY	: 52%
MODE	: Tx(Hopping on)/Inquiry	ENGINEER	: Shinya Watanabe

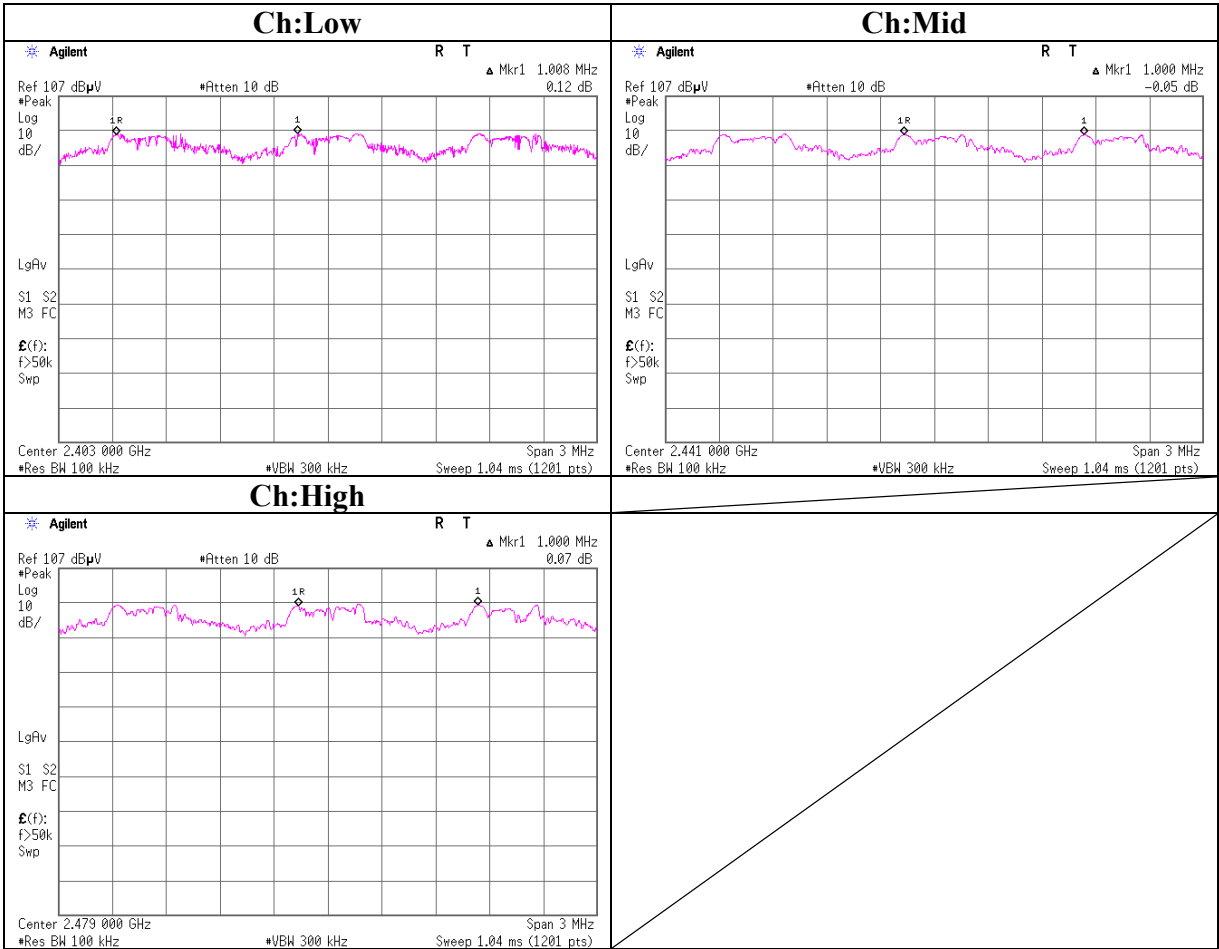
DH5			
Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.000	>two-thirds of 0.948 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>two-thirds of 0.942 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)
High	2480.0	1.000	>two-thirds of 0.940 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)
Inquiry	2441.0	2.000	>two-thirds of 0.718 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)

3DH5			
Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	2402.0	1.008	>two-thirds of 1.272 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)
Mid	2441.0	1.000	>two-thirds of 1.270 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)
High	2480.0	1.000	>two-thirds of 1.248 [MHz] (20dB Bandwidth) or 25[kHz](whichever is greater)

Carrier Frequency Separation(DH5)



Carrier Frequency Separation (3DH5)



20dB Bandwidth

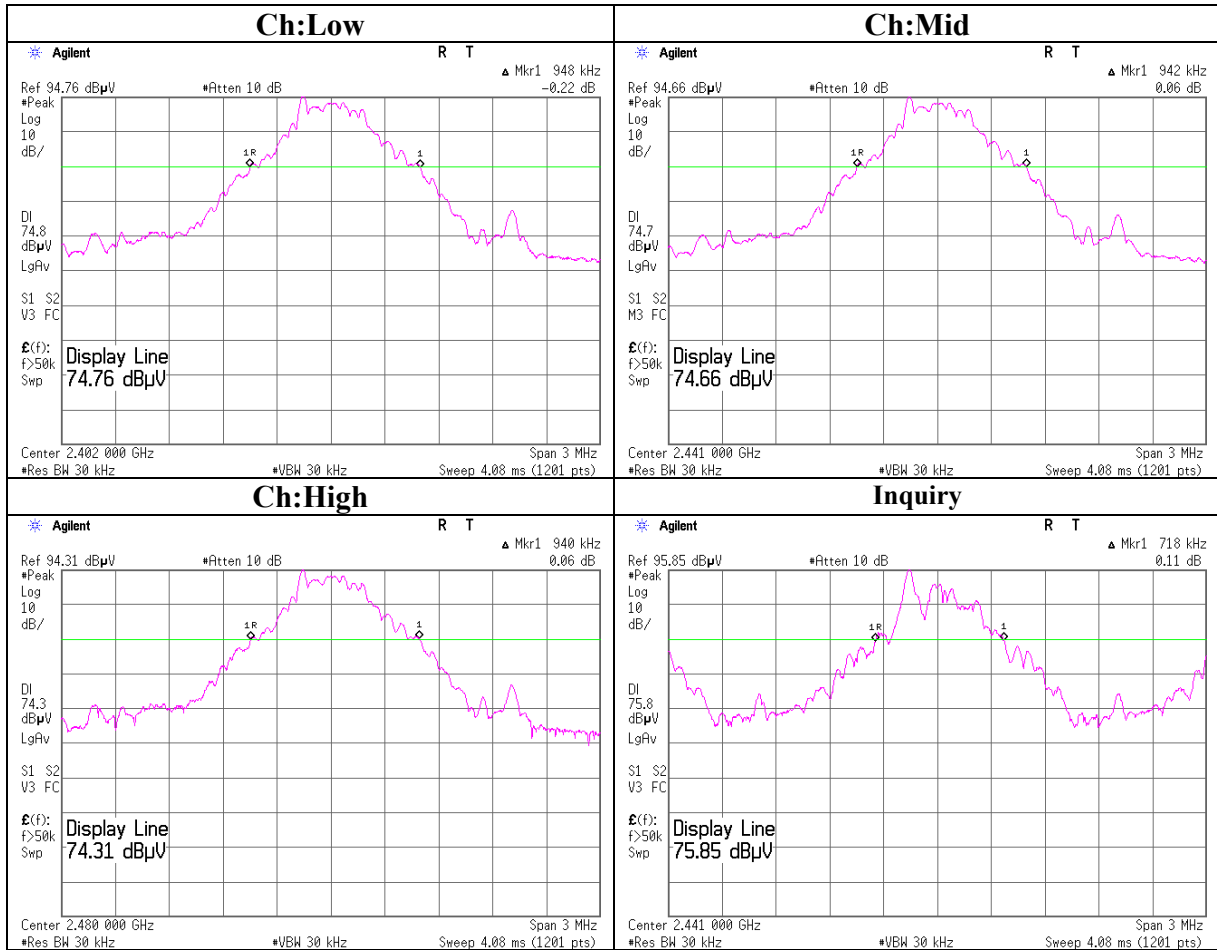
UL Japan, Inc.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: YAMAHA CORPORATION	REGULATION	: FCC15.247(a)(1)/RSS-210A8.1(a)
EQUIPMENT	: BLUETOOTH WIRELESS SPEAKER SYSTEM	TEST DISTANCE	: -
MODEL	: NX-B02	DATE	: 07/23/2007
S/ N	: E10057TV	TEMPERATURE	: 25deg.C
POWER	: AC120V/60Hz	HUMIDITY	: 52%
MODE	: Tx(Hopping off)/Inquiry	ENGINEER	: Shinya Watanabe

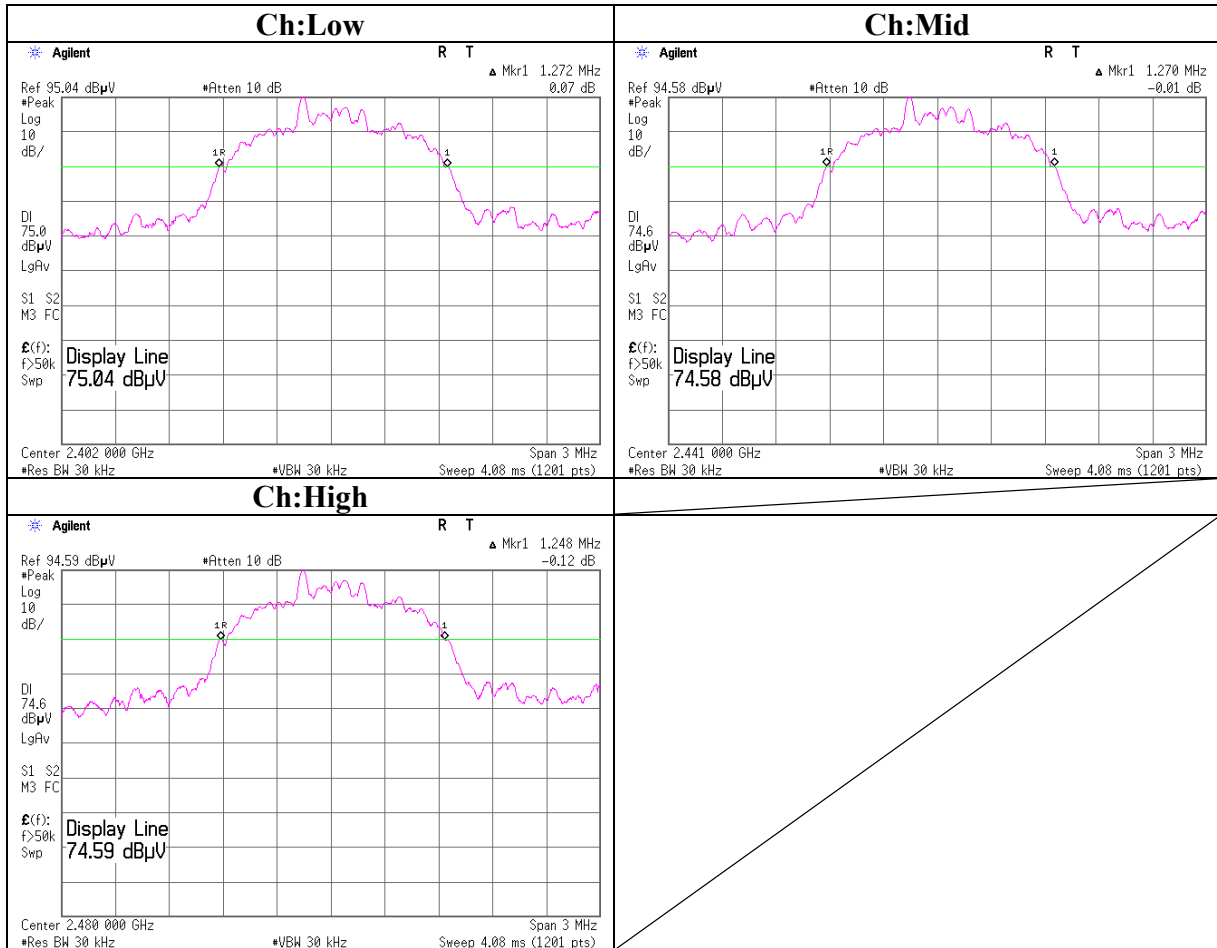
DH5			
Ch	Freq.	20dB Bandwidth	Limit
	[MHz]	[MHz]	[MHz]
Low	2402.0	0.948	-
Mid	2441.0	0.942	-
High	2480.0	0.940	-
Inquiry	2441.0	0.718	-

3DH5			
Ch	Freq.	20dB Bandwidth	Limit
	[MHz]	[MHz]	[MHz]
Low	2402.0	1.272	-
Mid	2441.0	1.270	-
High	2480.0	1.248	-

20dB Bandwidth(DH5)



20dB Bandwidth (3DH5)



Number of Hopping Frequency

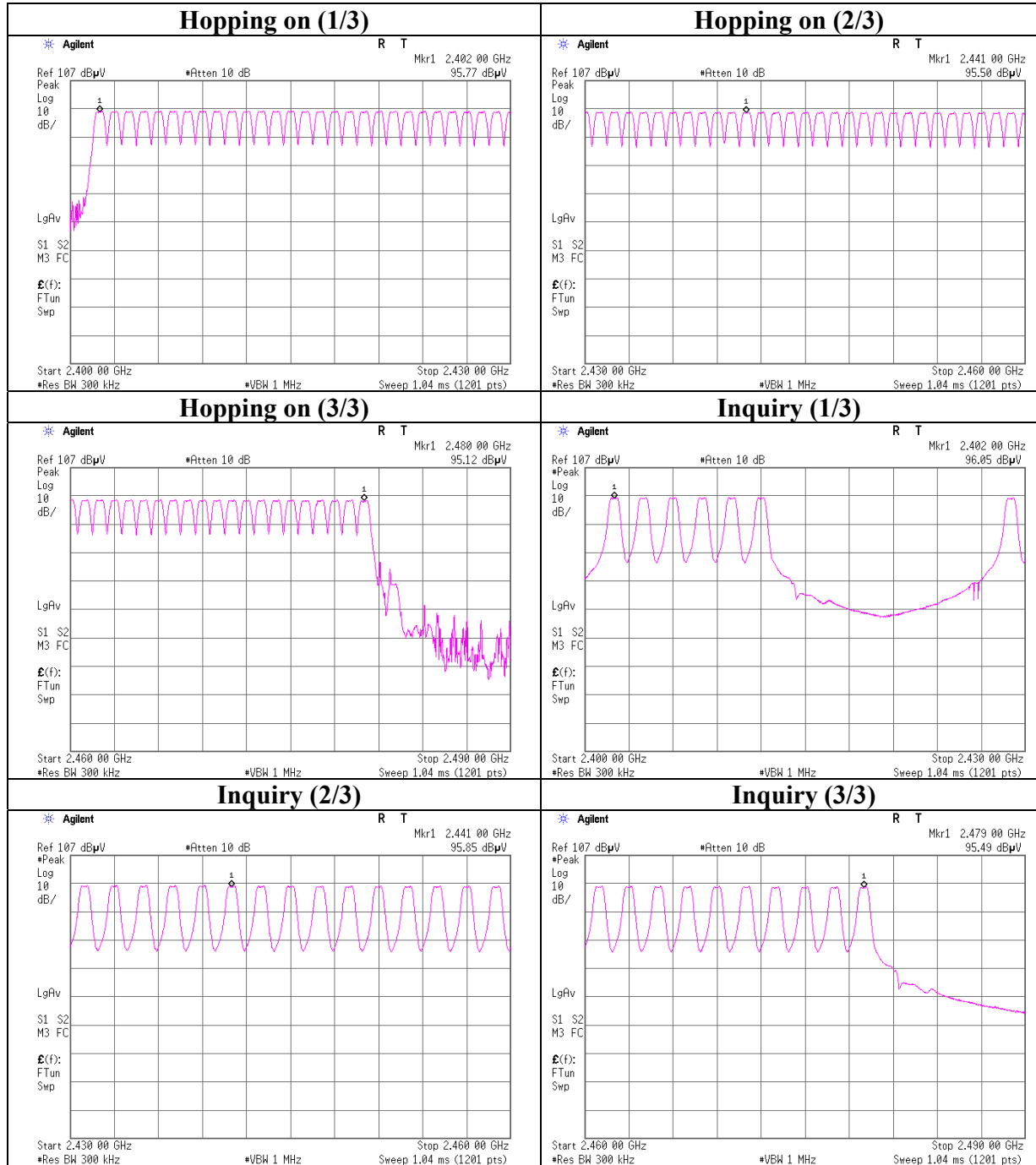
UL Japan, Inc.
Head Office EMC Lab. No.7 Shielded Room

COMPANY : YAMAHA CORPORATION REGULATION : FCC15.247(a)(1)(iii)/RSS-210A8.1(d)
EQUIPMENT : BLUETOOTH WIRELESS TEST DISTANCE : -
SPEAKER SYSTEM DATE : 07/23/2007
MODEL : NX-B02 TEMPERATURE : 25deg.C
S/ N : E10057TV HUMIDITY : 52%
POWER : AC120V/60Hz ENGINEER : Shinya Watanabe
MODE : Tx (Hopping on) /Inquiry

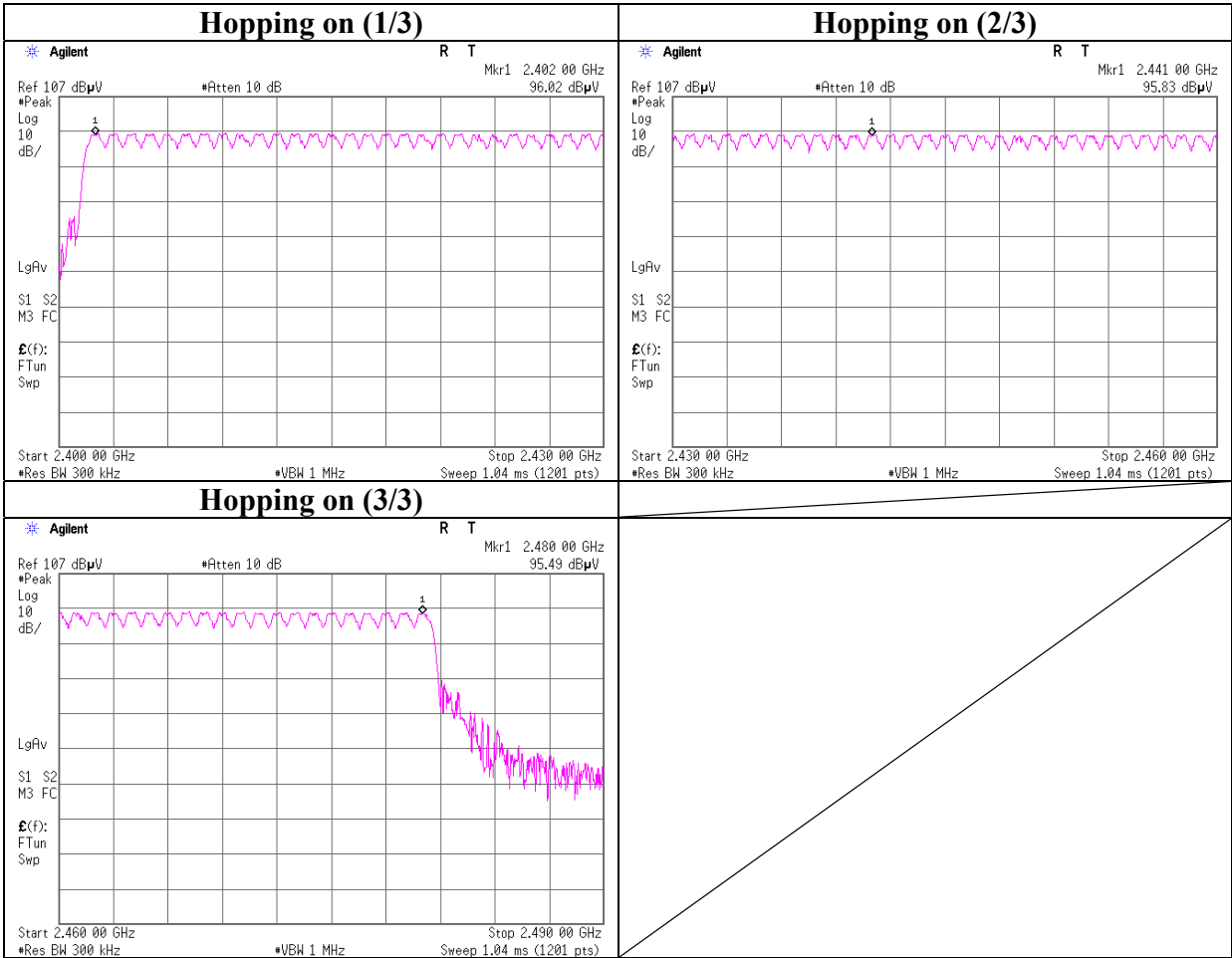
Mode	Number of channel [number]	Limit [number]
DH5	79	≥ 15
3DH5	79	≥ 15

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

Number of Hopping Frequency (DH5)



Number of Hopping Frequency (3DH5)



Dwell time

UL Japan, Inc.
Head Office EMC Lab. No.7 Shielded Room

COMPANY	: YAMAHA CORPORATION	REGULATION	: FCC15.247(a)(1)(iii)/RSS-210A8.1(d)
EQUIPMENT	: BLUETOOTH WIRELESS SPEAKER SYSTEM	TEST DISTANCE	: -
MODEL	: NX-B02	DATE	: 07/23/2007
S/N	: E10057TV	TEMPERATURE	: 25deg.C
POWER	: AC120V/60Hz	HUMIDITY	: 52%
MODE	: Tx (Hopping on) /Inquiry	ENGINEER	: Shinya Watanabe

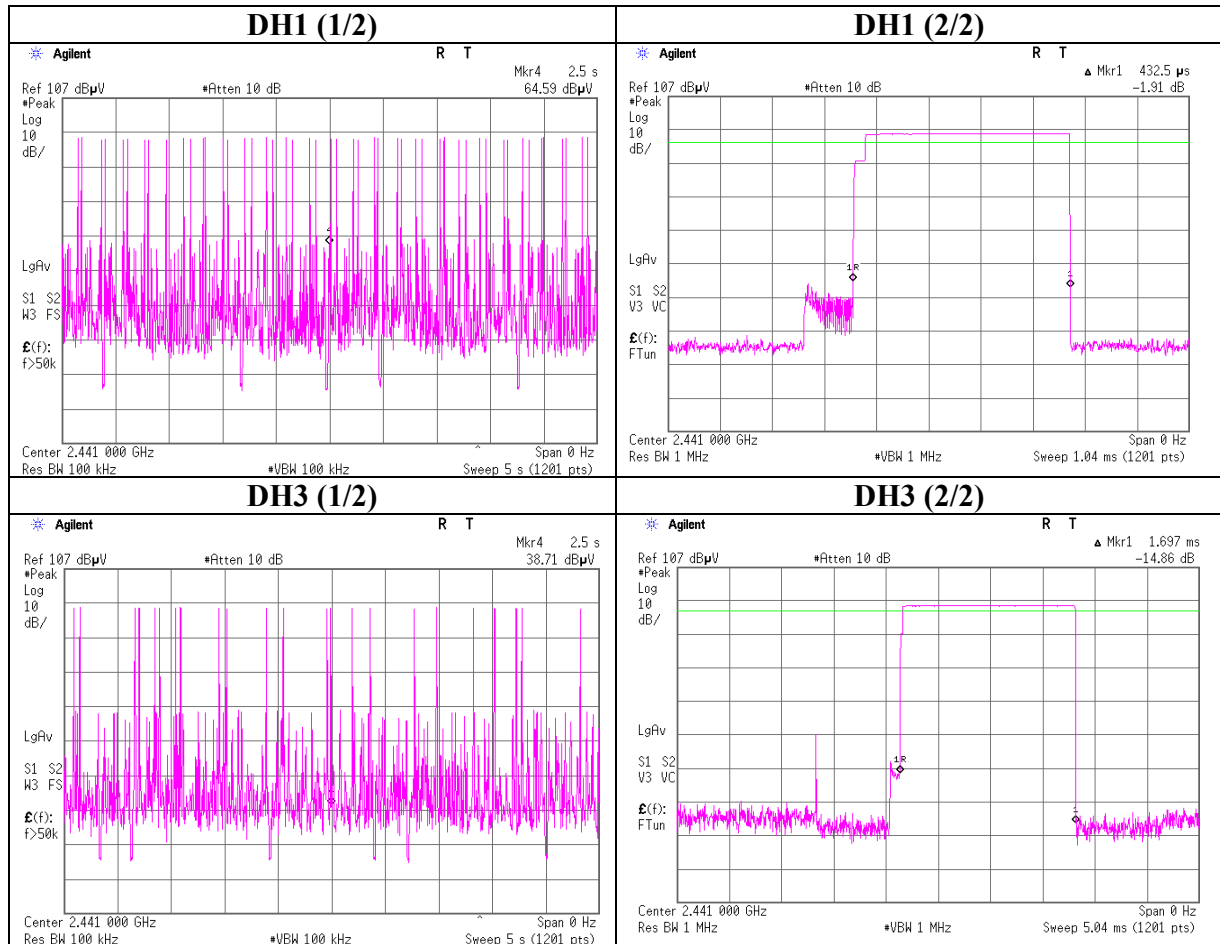
Mode	Number of transmission in a 31.6 (79 Hopping x 0.4) / 12.8 (32 Hopping x 0.4)second period				Length of transmission time [msec]	Result [msec]	Limit [msec]
DH1	49 times*	/	5 sec.	x 31.6 sec. = 310 times	0.433	134	400
DH3	24 times*	/	5 sec.	x 31.6 sec. = 152 times	1.697	258	400
DH5	17 times*	/	5 sec.	x 31.6 sec. = 108 times	2.950	319	400
Inquiry	100 times*	/	1 sec.	x 12.8 sec. = 1280 times	0.133	170	400

*Average of five test results.

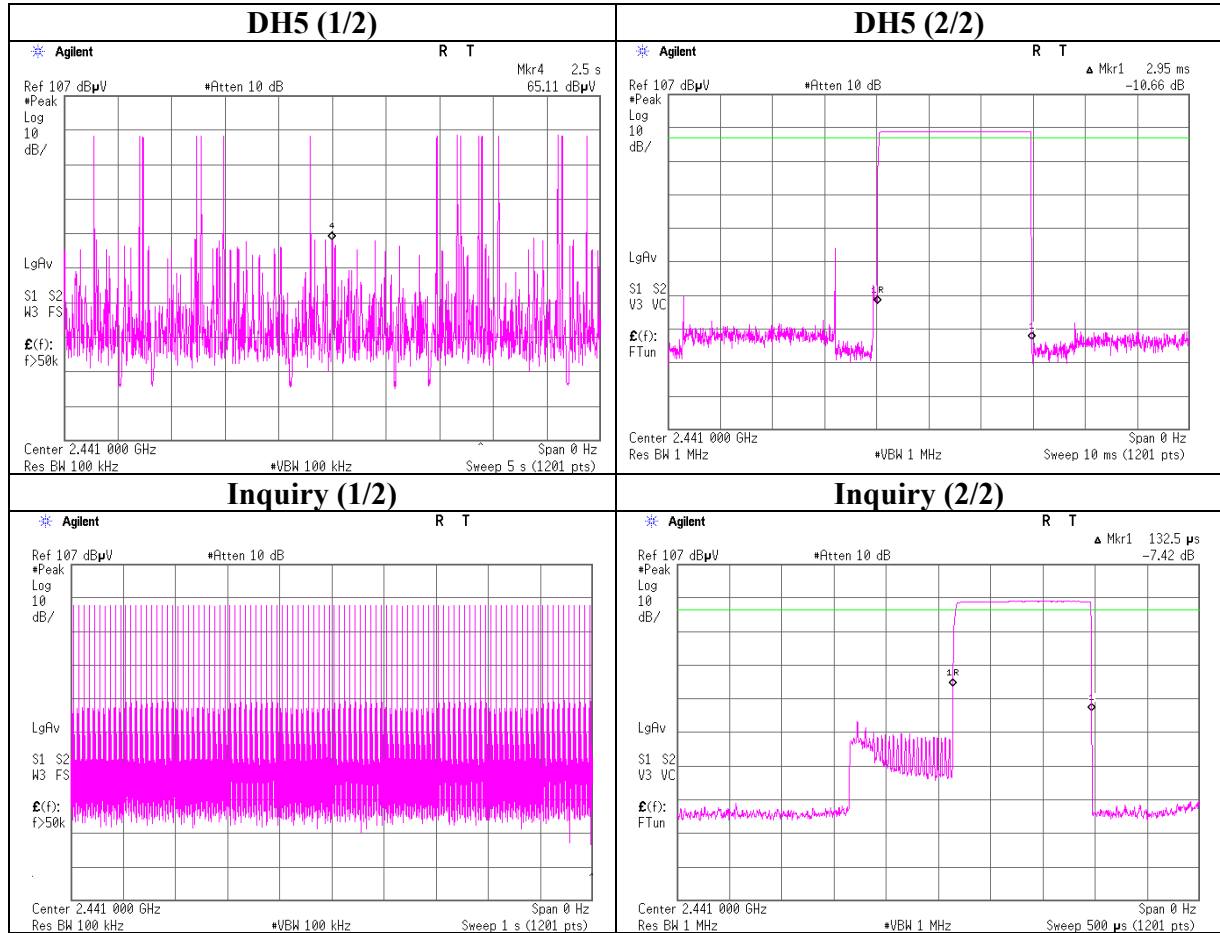
Mode	Number of transmission in a 31.6 (79 Hopping x 0.4) / 12.8 (32 Hopping x 0.4)second period				Length of transmission time [msec]	Result [msec]	Limit [msec]
3DH1	48 times*	/	5 sec.	x 31.6 sec. = 304 times	0.441	134	400
3DH3	23 times*	/	5 sec.	x 31.6 sec. = 146 times	1.693	247	400
3DH5	16 times*	/	5 sec.	x 31.6 sec. = 102 times	2.950	301	400

*Average of five test results.

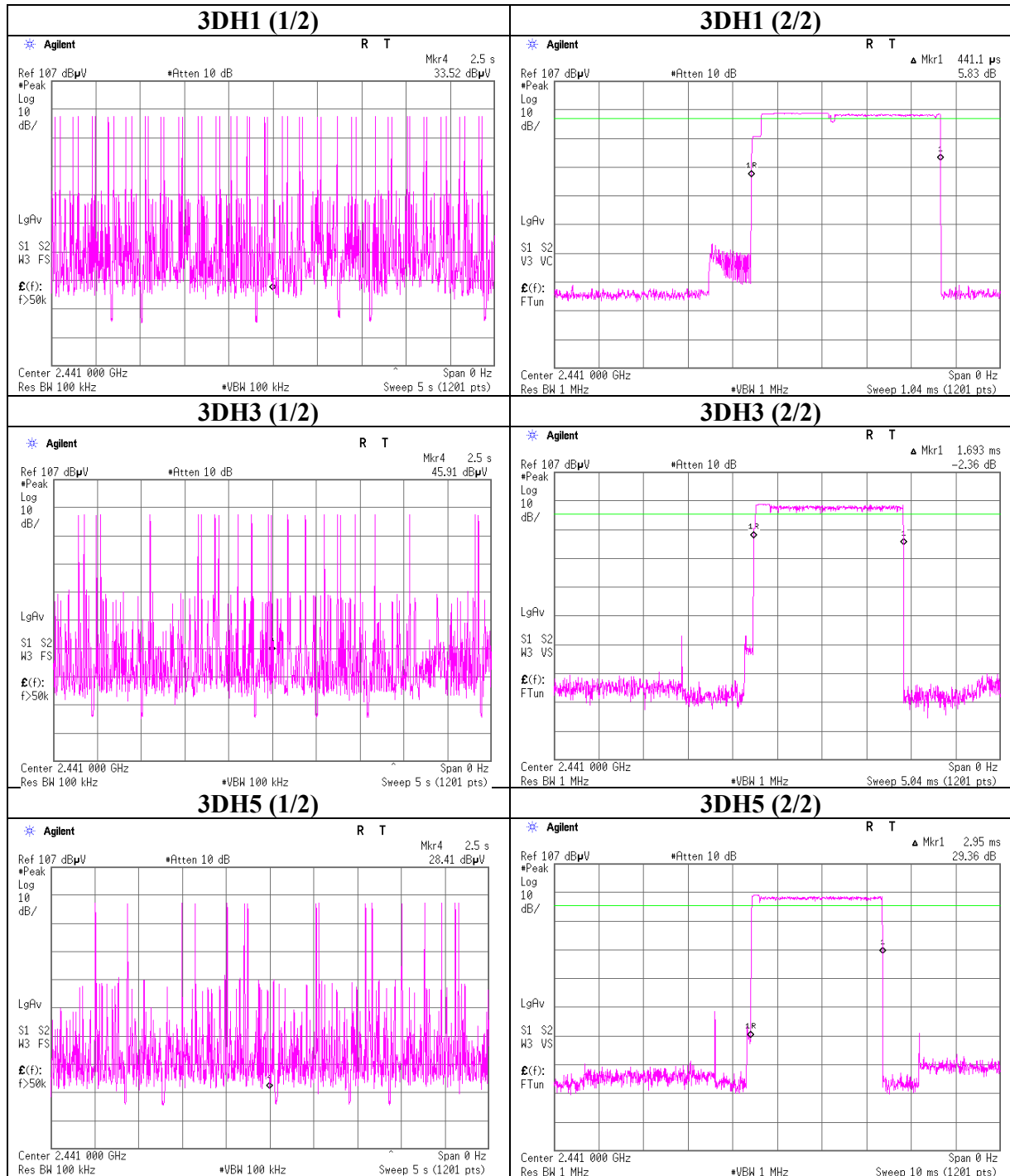
Dwell time



Dwell time



Dwell time (3DH1, 3DH3, 3DH5)



Maximum Peak Output Power

UL Japan, Inc.
Head Office EMC Lab. No.7 Shielded Room

COMPANY : YAMAHA CORPORATION	REGULATION : FCC15.247(b)(1)/RSS-210A8.4(2)
EQUIPMENT : BLUETOOTH WIRELESS	TEST DISTANCE : -
SPEAKER SYSTEM	DATE : 07/23/2007
MODEL : NX-B02	TEMPERATURE : 25deg.C
S/ N : E10057TV	HUMIDITY : 52%
POWER : AC120V/60Hz	ENGINEER : Shinya Watanabe
MODE : Tx(Hopping Off)/Inquiry	

DH5									
Ch	Freq.	P/M Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.62	0.49	10.04	0.92	1.24	20.97	125	20.05
Mid	2441.0	-9.87	0.48	10.11	0.72	1.18	20.97	125	20.25
High	2480.0	-10.03	0.45	10.03	0.45	1.11	20.97	125	20.51
Inquiry	2441.0	-9.80	0.48	10.11	0.79	1.20	20.97	125	20.18

2DH5									
Ch	Freq.	P/M Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.53	0.49	10.04	1.01	1.26	20.97	125	19.96
Mid	2441.0	-10.24	0.48	10.11	0.35	1.08	20.97	125	20.62
High	2480.0	-10.41	0.45	10.03	0.07	1.02	20.97	125	20.89

3DH5									
Ch	Freq.	P/M Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2402.0	-9.51	0.49	10.04	1.03	1.27	20.97	125	19.94
Mid	2441.0	-9.85	0.48	10.11	0.74	1.19	20.97	125	20.23
High	2480.0	-10.10	0.45	10.03	0.38	1.09	20.97	125	20.58

Sample Calculation:

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

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

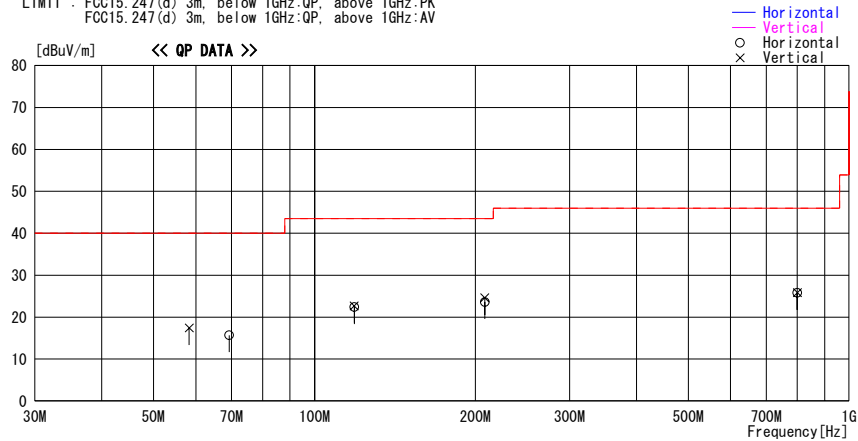
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION Report No. : 27KE0279-HO
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM Power : AC120V / 60Hz
Model No. : NX-B02 Temp./Humi. : 24deg. C / 53%
Serial No. : E10057TV Operator : Hidekazu Tanaka

Mode / Remarks : BT_Tx DH5 2402MHz / Max-axis(Hor:Z/Ver:X)

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	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
58.300	30.5	QP	8.6	-21.7	17.4	0	100	Vert.	40.0	22.6
69.229	30.3	QP	7.0	-21.6	15.7	197	217	Hori.	40.0	24.3
118.678	30.7	QP	12.7	-21.0	22.4	350	286	Hori.	43.5	21.1
118.677	31.0	QP	12.7	-21.0	22.7	91	100	Vert.	43.5	20.8
208.208	26.2	QP	17.3	-19.9	23.6	204	168	Hori.	43.5	19.9
208.206	27.2	QP	17.3	-19.9	24.6	135	100	Vert.	43.5	18.9
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

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

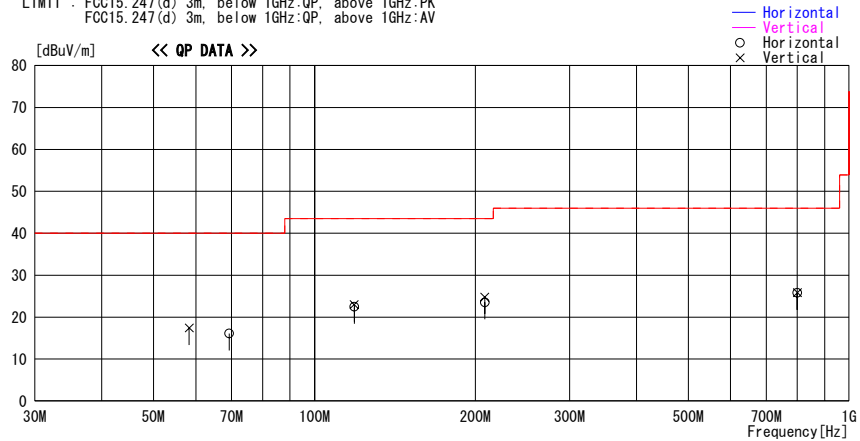
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION Report No. : 27KE0279-HO
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM Power : AC120V / 60Hz
Model No. : NX-B02 Temp./Humi. : 24deg. C / 53%
Serial No. : E10057TV Operator : Hidekazu Tanaka

Mode / Remarks : BT_Tx DH5 2441MHz / Max-axis(Hor:Z/Ver:X)

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	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
58.297	30.5	QP	8.6	-21.7	17.4	0	100	Vert.	40.0	22.6
69.230	30.7	QP	7.0	-21.6	16.1	205	207	Hori.	40.0	23.9
118.678	30.8	QP	12.7	-21.0	22.5	351	282	Hori.	43.5	21.0
118.676	31.3	QP	12.7	-21.0	23.0	74	100	Vert.	43.5	20.5
208.209	26.1	QP	17.3	-19.9	23.5	192	167	Hori.	43.5	20.0
208.208	27.4	QP	17.3	-19.9	24.8	72	100	Vert.	43.5	18.7
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

Test report No. : 27KE0279-HO-A-R1
Page : 40 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

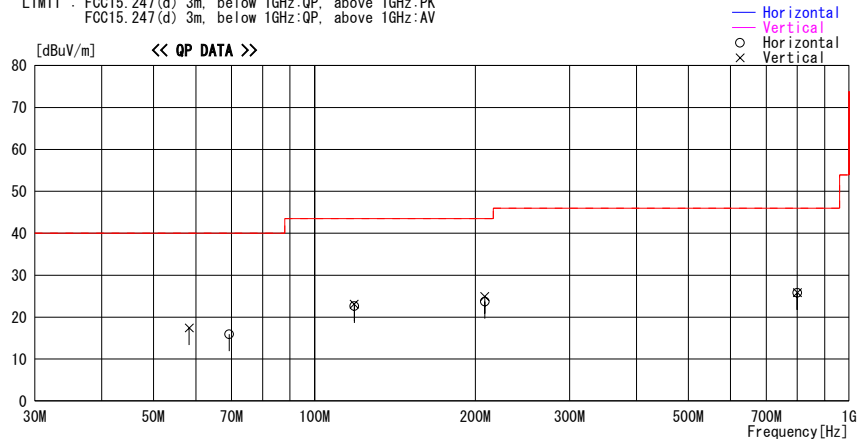
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION Report No. : 27KE0279-HO
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM Power : AC120V / 60Hz
Model No. : NX-B02 Temp./Humi. : 24deg. C / 53%
Serial No. : E10057TV Operator : Hidekazu Tanaka

Mode / Remarks : BT_Tx DH5 2480MHz / Max-axis(Hor:Z/Ver:X)

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



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]
58.298	30.5	QP	8.6	-21.7	17.4	0	100	Vert.	40.0	22.6
69.228	30.5	QP	7.0	-21.6	15.9	205	207	Hori.	40.0	24.1
118.681	30.9	QP	12.7	-21.0	22.6	351	282	Hori.	43.5	20.9
118.676	31.4	QP	12.7	-21.0	23.1	81	100	Vert.	43.5	20.4
208.206	26.3	QP	17.3	-19.9	23.7	202	152	Hori.	43.5	19.8
208.204	27.5	QP	17.3	-19.9	24.9	108	100	Vert.	43.5	18.6
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

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

Test report No. : 27KE0279-HO-A-R1
Page : 41 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

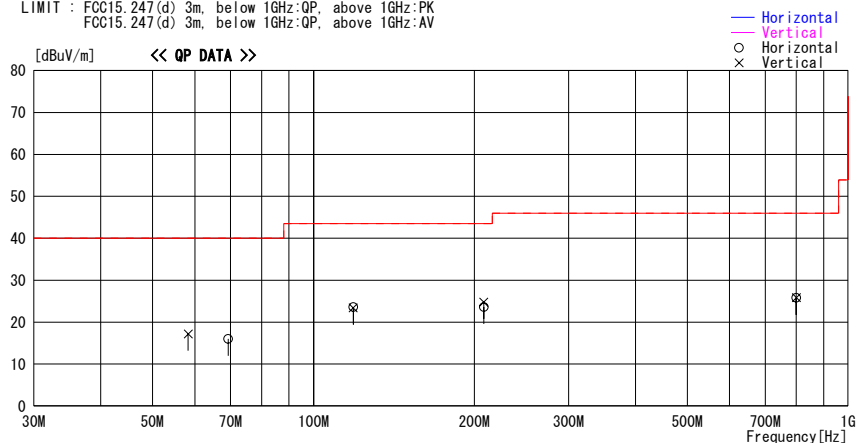
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION Report No. : 27KE0279-HO
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM Power : AC120V / 60Hz
Model No. : NX-B02 Temp./Humi. : 24deg. C / 53%
Serial No. : E10057TV Operator : Hidekazu Tanaka

Mode / Remarks : BT_Tx 3DH5 2402MHz / Max-axis(Hor:Z/Ver:X)

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	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
58.297	30.3	QP	8.6	-21.7	17.2	0	100	Vert.	40.0	22.8
69.230	30.6	QP	7.0	-21.6	16.0	191	210	Hori.	40.0	24.0
118.677	31.9	QP	12.7	-21.0	23.6	359	299	Hori.	43.5	19.9
118.675	31.7	QP	12.7	-21.0	23.4	94	100	Vert.	43.5	20.1
208.208	26.2	QP	17.3	-19.9	23.6	201	160	Hori.	43.5	19.9
208.203	27.4	QP	17.3	-19.9	24.8	136	100	Vert.	43.5	18.7
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

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

Test report No. : 27KE0279-HO-A-R1
Page : 42 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

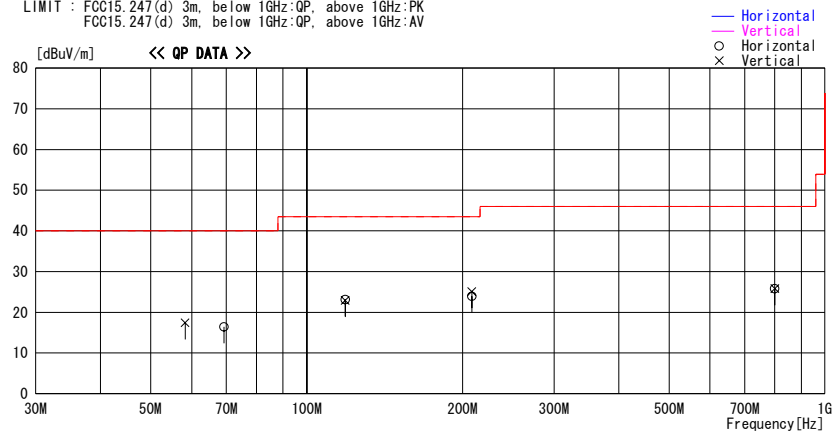
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION Report No. : 27KE0279-HO
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM Power : AC120V / 60Hz
Model No. : NX-B02 Temp./Humi. : 24deg.C / 53%
Serial No. : E10057TV Operator : Hidekazu Tanaka

Mode / Remarks : BT_Tx 3DH5 2441MHz / Max-axis(Hor:Z/Ver:X)

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]						
58.295	30.5	QP	8.6	-21.7	17.4	0	100	Vert.	40.0	22.6
69.228	31.0	QP	7.0	-21.6	16.4	193	232	Hori.	40.0	23.6
118.676	31.4	QP	12.7	-21.0	23.1	349	278	Hori.	43.5	20.4
118.674	31.2	QP	12.7	-21.0	22.9	87	100	Vert.	43.5	20.6
208.202	26.5	QP	17.3	-19.9	23.9	212	166	Hori.	43.5	19.6
208.196	27.7	QP	17.3	-19.9	25.1	130	100	Vert.	43.5	18.4
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

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

Test report No. : 27KE0279-HO-A-R1
Page : 43 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

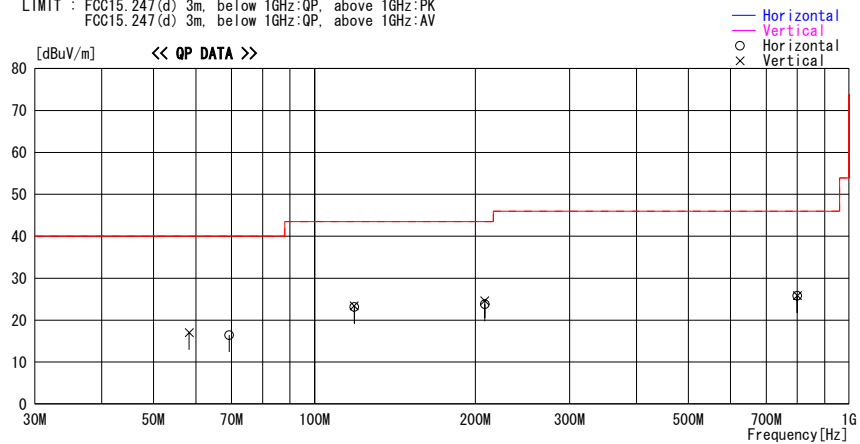
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION Report No. : 27KE0279-HO
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM Power : AC120V / 60Hz
Model No. : NX-B02 Temp./Humi. : 24deg. C / 53%
Serial No. : E10057TV Operator : Hidekazu Tanaka

Mode / Remarks : BT_Tx 3DH5 2480MHz / Max-axis(Hor:Z/Ver:X)

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	Margin
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]
58.297	30.1	QP	8.6	-21.7	17.0	0	100	Vert.	40.0	23.0
69.228	31.0	QP	7.0	-21.6	16.4	189	207	Hori.	40.0	23.6
118.677	31.4	QP	12.7	-21.0	23.1	345	289	Hori.	43.5	20.4
118.676	31.7	QP	12.7	-21.0	23.4	82	100	Vert.	43.5	20.1
208.203	26.4	QP	17.3	-19.9	23.8	199	149	Hori.	43.5	19.7
208.203	27.2	QP	17.3	-19.9	24.6	119	100	Vert.	43.5	18.9
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

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

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

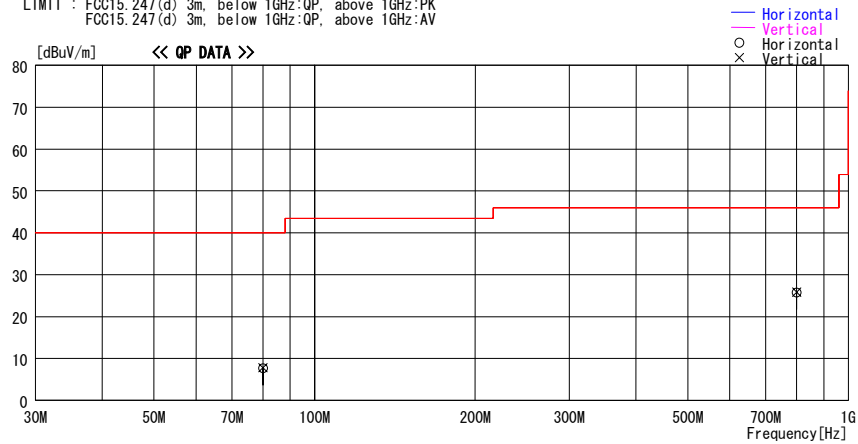
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2007/07/24

Company : YAMAHA CORPORATION
Kind of EUT : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model No. : NX-B02
Serial No. : E10057TV
Report No. : 27KE0279-HO
Power : AC120V / 60Hz
Temp./Humi. : 24deg. C / 53%
Operator : Hidekazu Tanaka

Mode / Remarks : BT_Rx DH5/3DH5 2441MHz / Max-axis(Hor:Z/Ver:X)

LIMIT : FCC15.247(d) 3m, below 1GHz:QP, above 1GHz:PK
FCC15.247(d) 3m, below 1GHz:QP, above 1GHz: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]
80.000	22.5	QP	6.7	-21.4	7.8	0	100	Vert.	40.0	32.2
80.000	22.4	QP	6.7	-21.4	7.7	0	100	Hori.	40.0	32.3
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Hori.	46.0	20.2
800.000	21.5	QP	22.0	-17.7	25.8	0	100	Vert.	46.0	20.2

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)

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

Test report No. : 27KE0279-HO-A-R1
Page : 45 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model : NX-B02
Sample No. : E10057TV
Power : AC 120 V / 60 Hz
Mode : Bluetooth Tx DH5 2402MHz
Remarks : Hor Z , Ver X-axis

REPORT NO : 27KE0279-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 07/24/2007 07/25/2007
TEMPERATURE : 24deg.C 24deg.C
HUMIDITY : 53% 55%
ENGINEER : Norihisa Hashimoto

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	2390.0	60.9	67.9	27.3	31.5	3.0	0.0	59.7	66.7	73.9	14.2	7.2
*2	2400.0	80.7	73.9	27.3	31.5	3.0	0.0	79.5	72.7	73.9	-	-
3	4804.0	43.6	45.5	31.5	30.8	3.9	0.0	48.2	50.1	73.9	25.7	23.8
4	7206.0	42.2	42.0	35.8	31.3	4.5	0.0	51.2	51.0	73.9	22.7	22.9
5	9608.0	43.1	44.1	38.2	31.9	5.4	0.0	54.8	55.8	73.9	19.1	18.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14412.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	16814.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19216.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21618.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24020.0	46.5	46.5	38.7	30.5	9.3	0.0	54.5	54.5	73.9	19.4	19.4

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	37.6	42.1	27.3	31.5	3.0	0.0	36.4	40.9	53.9	17.5	13.0
*2	2400.0	64.8	69.2	27.3	31.5	3.0	0.0	63.6	68.0	53.9	-	-
3	4804.0	31.8	34.1	31.5	30.8	3.9	0.0	36.4	38.7	53.9	17.5	15.2
4	7206.0	30.3	31.3	35.8	31.3	4.5	0.0	39.3	40.3	53.9	14.6	13.6
5	9608.0	32.3	32.4	38.2	31.9	5.4	0.0	44.0	44.1	53.9	9.9	9.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14412.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	16814.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19216.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21618.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24020.0	35.1	35.1	38.7	30.5	9.3	0.0	43.1	43.1	53.9	10.8	10.8

* Reference data

20dBc(Fundamental 2402MHz) (RBW: 100kHz, VBW: 300kHz)

2400 (2.4GHz) (RDW=100kHz, VDW=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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2402.0	99.0	104.4	30.9	39.9	5.5	0.0	95.5	100.9	-	-	-
2	2400.0	60.1	66.0	30.9	39.9	5.5	0.0	56.6	62.5	Funda-20dB	18.9	18.4

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

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

*NS:Non Signal

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

Test report No. : 27KE0279-HO-A-R1
Page : 46 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model : NX-B02
Sample No. : E10057TV
Power : AC 120 V / 60 Hz
Mode : Bluetooth Tx DH5 2441MHz
Remarks : Hor Z , Ver X-axis

REPORT NO : 27KE0279-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 07/24/2007 07/25/2007
TEMPERATURE : 24deg.C 24deg.C
HUMIDITY : 53% 55%
ENGINEER : Norihisa Hashimoto

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			
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	4882.0	41.2	45.1	31.7	30.7	3.9	0.0	46.1	50.0	73.9	27.8	23.9
2	7323.0	42.1	42.0	35.9	31.3	4.6	0.0	51.3	51.2	73.9	22.6	22.7
3	9764.0	43.5	43.1	38.2	32.1	5.4	0.0	55.0	54.6	73.9	18.9	19.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14646.0	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17087.0	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19528.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21969.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24410.0	46.5	47.5	38.8	30.3	9.4	0.0	54.9	55.9	73.9	19.0	18.0

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	4882.0	30.7	36.9	31.7	30.7	3.9	0.0	35.6	41.8	53.9	18.3	12.1
2	7323.0	30.6	31.0	35.9	31.3	4.6	0.0	39.8	40.2	53.9	14.1	13.7
3	9764.0	31.8	31.9	38.2	32.1	5.4	0.0	43.3	43.4	53.9	10.6	10.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14646.0	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17087.0	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19528.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21969.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24410.0	35.1	35.2	38.8	30.3	9.4	0.0	43.5	43.6	53.9	10.4	10.3

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 result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.
*NS:Non Signal

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

Test report No. : 27KE0279-HO-A-R1
Page : 47 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model : NX-B02
Sample No. : E10057TV
Power : AC 120 V / 60 Hz
Mode : Bluetooth Tx DH5 2480MHz
Remarks : Hor Z , Ver X-axis

REPORT NO : 27KE0279-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 07/24/2007 07/25/2007
TEMPERATURE : 24deg.C 24deg.C
HUMIDITY : 53% 55%
ENGINEER : Norihisa Hashimoto

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	2483.5	74.9	77.3	27.4	31.5	3.1	0.0	73.9	76.3	73.9	-	-
2	2483.5	50.2	53.9	27.4	31.5	3.1	0.0	49.2	52.9	73.9	24.7	21.0
3	4960.0	40.7	43.5	31.8	30.7	4.0	0.0	45.8	48.6	73.9	28.1	25.3
4	7440.0	44.8	44.7	36.1	31.3	4.7	0.0	54.3	54.2	73.9	19.6	19.7
5	9920.0	43.0	42.7	38.2	32.2	5.4	0.0	54.4	54.1	73.9	19.5	19.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.0	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14880.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17360.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19840.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	22320.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24800.0	47.3	47.8	38.9	30.1	9.4	0.0	56.0	56.5	73.9	17.9	17.4

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
		[dBuV]						[dBuV/m]			[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
*1	2483.5	53.4	55.3	27.4	31.5	3.1	0.0	52.4	54.3	53.9	-	-
2	2483.5	48.7	51.3	27.4	31.5	3.1	0.0	47.7	50.3	53.9	6.2	3.6
3	4960.0	30.8	34.5	31.8	30.7	4.0	0.0	35.9	39.6	53.9	18.0	14.3
4	7440.0	34.5	35.6	36.1	31.3	4.7	0.0	44.0	45.1	53.9	9.9	8.8
5	9920.0	32.2	32.2	38.2	32.2	5.4	0.0	43.6	43.6	53.9	10.3	10.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.0	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14880.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17360.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19840.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	22320.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24800.0	36.0	36.0	38.9	30.1	9.4	0.0	44.7	44.7	53.9	9.2	9.2

* Reference data

* Marker-Delta Method

S/A Reading (dBuV)

MHz	Polarity	Hor		Ver	
	Detector	PK	AV	PK	AV
2480	↓ RBW \ VBW →	1M	10Hz	1M	10Hz
	1M	98.92	86.38	102.41	89.03
	30k	98.72	78.05	102.07	80.92
	difference	0.20	8.33	0.34	8.11
2483.5	1M	73.85	52.88	76.80	53.97
	30k	49.99	40.41	53.59	43.15
	Delta-Marker Reading	50.19	48.74	53.93	51.26

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

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

* NS: Non Signal

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

Test report No. : 27KE0279-HO-A-R1
Page : 48 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model : NX-B02
Sample No. : E10057TV
Power : AC 120 V / 60 Hz
Mode : Bluetooth Tx 3DH5 2402MHz
Remarks : Hor Z , Ver X-axis

REPORT NO : 27KE0279-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 07/24/2007
TEMPERATURE : 24deg.C
HUMIDITY : 53%
ENGINEER : Norihisa Hashimoto

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	2390.0	63.9	67.2	27.3	31.5	3.0	0.0	62.7	66.0	73.9	11.2	7.9
*2	2400.0	83.6	86.5	27.3	31.5	3.0	0.0	82.4	85.3	73.9	-	-
3	4804.0	41.4	44.6	31.5	30.8	3.9	0.0	46.0	49.2	73.9	27.9	24.7
4	7206.0	41.9	41.8	35.8	31.3	4.5	0.0	50.9	50.8	73.9	23.0	23.1
5	9608.0	42.9	43.2	38.2	31.9	5.4	0.0	54.6	54.9	73.9	19.3	19.0
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14412.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	16814.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19216.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	21618.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24020.0	47.2	46.8	38.7	30.5	9.3	0.0	55.2	54.8	73.9	18.7	19.1

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]					[dBuV/m]	[dBuV/m]		[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	37.2	39.9	27.3	31.5	3.0	0.0	36.0	38.7	53.9	17.9	15.2
*2	2400.0	64.3	66.5	27.3	31.5	3.0	0.0	63.1	65.3	53.9	-	-
3	4804.0	30.3	34.6	31.5	30.8	3.9	0.0	34.9	39.2	53.9	19.0	14.7
4	7206.0	29.7	31.0	35.8	31.3	4.5	0.0	38.7	40.0	53.9	15.2	13.9
5	9608.0	31.1	31.4	38.2	31.9	5.4	0.0	42.8	43.1	53.9	11.1	10.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12010.0	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14412.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	16814.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19216.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	21618.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24020.0	35.2	35.3	38.7	30.5	9.3	0.0	43.2	43.3	53.9	10.7	10.6

* Reference data

20dBc(Fundamental 2402MHz) (RBW: 100kHz, VBW: 300kHz)												
No.	FREQ [MHz]	S/A READING [dBuV]		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT [dBuV/m]		Limit 20dBc [dBuV/m]	MARGIN [dB]	
		HOR	VER					HOR	VER		HOR	VER
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	2402.0	101.0	102.7	30.9	39.9	5.5	0.0	97.5	99.2	-	-	-
2	2400.0	62.0	65.2	30.9	39.9	5.5	0.0	58.5	61.7	Funda-20dB	19.0	17.5

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

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

*NS:Non Signal

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

Test report No. : 27KE0279-HO-A-R1
Page : 49 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model : NX-B02
Sample No. : E10057TV
Power : AC 120 V / 60 Hz
Mode : Bluetooth Tx 3DH5 2441MHz
Remarks : Hor Z , Ver X-axis

REPORT NO : 27KE0279-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 07/24/2007 07/25/2007
TEMPERATURE : 24deg.C 24deg.C
HUMIDITY : 53% 55%
ENGINEER : Norihisa Hashimoto

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	4882.0	40.3	44.6	31.7	30.7	3.9	0.0	45.2	49.5	73.9	28.7	24.4
2	7323.0	41.6	43.8	35.9	31.3	4.6	0.0	50.8	53.0	73.9	23.1	20.9
3	9764.0	42.1	42.3	38.2	32.1	5.4	0.0	53.6	53.8	73.9	20.3	20.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	NS	NS	-	-	-	-	-	-	73.9	-	-
5	14646.0	NS	NS	-	-	-	-	-	-	73.9	-	-
6	17087.0	NS	NS	-	-	-	-	-	-	73.9	-	-
7	19528.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	21969.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	24410.0	47.0	46.9	38.8	30.3	9.4	0.0	55.4	55.3	73.9	18.5	18.6

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	4882.0	29.0	34.4	31.7	30.7	3.9	0.0	33.9	39.3	53.9	20.0	14.6
2	7323.0	30.1	31.8	35.9	31.3	4.6	0.0	39.3	41.0	53.9	14.6	12.9
3	9764.0	30.8	31.0	38.2	32.1	5.4	0.0	42.3	42.5	53.9	11.6	11.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
4	12205.0	NS	NS	-	-	-	-	-	-	53.9	-	-
5	14646.0	NS	NS	-	-	-	-	-	-	53.9	-	-
6	17087.0	NS	NS	-	-	-	-	-	-	53.9	-	-
7	19528.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	21969.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	24410.0	35.1	35.2	38.8	30.3	9.4	0.0	43.5	43.6	53.9	10.4	10.3

Test Distance 1.0m : Distance Factor(Dfac) = $20\log(3/1.0) = 9.54\text{dB}$

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

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

*NS:Non Signal

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

Test report No. : 27KE0279-HO-A-R1
Page : 50 of 64
Issued date : August 10, 2007
Revised date : September 6, 2007
FCC ID : A6RNXB02A

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

UL Japan, Inc.
Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM
Model : NX-B02
Sample No. : E10057TV
Power : AC 120 V / 60 Hz
Mode : Bluetooth Tx 3DH5 2480MHz
Remarks : Hor Z , Ver X-axis

REPORT NO : 27KE0279-HO
REGULATION : FCC15.247(d)/RSS-210A8.5
TEST DISTANCE : 3/1m
DATE : 07/24/2007 07/25/2007
TEMPERATURE : 24deg.C 24deg.C
HUMIDITY : 53% 55%
ENGINEER : Norihisa Hashimoto

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	2483.5	78.2	81.3	27.4	31.5	3.1	0.0	77.2	80.3	73.9	-	-
2	2483.5	52.3	54.4	27.4	31.5	3.1	0.0	51.3	53.4	73.9	22.7	20.5
3	4960.0	40.5	42.6	31.8	30.7	4.0	0.0	45.6	47.7	73.9	28.3	26.2
4	7440.0	42.0	41.5	36.1	31.3	4.7	0.0	51.5	51.0	73.9	22.4	22.9
5	9920.0	42.6	41.9	38.2	32.2	5.4	0.0	54.0	53.3	73.9	19.9	20.6
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.0	NS	NS	-	-	-	-	-	-	73.9	-	-
7	14880.0	NS	NS	-	-	-	-	-	-	73.9	-	-
8	17360.0	NS	NS	-	-	-	-	-	-	73.9	-	-
9	19840.0	NS	NS	-	-	-	-	-	-	73.9	-	-
10	22320.0	NS	NS	-	-	-	-	-	-	73.9	-	-
11	24800.0	47.5	47.6	38.9	30.1	9.4	0.0	56.2	56.3	73.9	17.7	17.6

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]					[dBuV/m]	[dBuV/m]		[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
*1	2483.5	52.5	55.4	27.4	31.5	3.1	0.0	51.5	54.4	53.9	-	-
2	2483.5	45.7	47.5	27.4	31.5	3.1	0.0	44.7	46.5	53.9	9.2	7.4
3	4960.0	28.1	30.8	31.8	30.7	4.0	0.0	33.2	35.9	53.9	20.7	18.0
4	7440.0	30.4	29.5	36.1	31.3	4.7	0.0	39.9	39.0	53.9	14.0	14.9
5	9920.0	30.1	29.8	38.2	32.2	5.4	0.0	41.5	41.2	53.9	12.4	12.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	12400.0	NS	NS	-	-	-	-	-	-	53.9	-	-
7	14880.0	NS	NS	-	-	-	-	-	-	53.9	-	-
8	17360.0	NS	NS	-	-	-	-	-	-	53.9	-	-
9	19840.0	NS	NS	-	-	-	-	-	-	53.9	-	-
10	22320.0	NS	NS	-	-	-	-	-	-	53.9	-	-
11	24800.0	36.0	36.0	38.9	30.1	9.4	0.0	44.7	44.7	53.9	9.2	9.2

*Reference data
*Marker-Delta Method
S/A Reading (dBuV)

MHz	Polarity	Hor		Ver	
	Detector ↓ RBW\VBW →	PK 1M	AV 10Hz	PK 1M	AV 10Hz
2480	1M	99.09	83.98	102.40	86.73
	30k	98.92	73.55	102.24	76.44
	difference	0.17	10.43	0.16	10.29
2483.5	1M	78.23	52.49	81.30	55.35
	30k	52.08	35.31	54.23	37.20
	Delta-Marker Reading	52.25	45.74	54.39	47.49

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

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

*NS:Non Signal

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

Test report No. : 27KE0279-HO-A-R1
 Page : 51 of 64
 Issued date : August 10, 2007
 Revised date : September 6, 2007
 FCC ID : A6RNXB02A

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

UL Japan, Inc.
 Head Office EMC Lab. No.2 and No.3 Semi Anechoic Chamber

Company : YAMAHA CORPORATION	REPORT NO : 27KE0279-HO	
Equipment : BLUETOOTH WIRELESS SPEAKER SYSTEM	REGULATION : FCC15.247(d)/RSS-210A8.5	
Model : NX-B02	TEST DISTANCE : 3m	
Sample No. : E10057TV	DATE : 07/24/2007	
Power : AC 120 V / 60 Hz	TEMPERATURE : 24deg.C	
Mode : Bluetooth Rx 2441MHz	HUMIDITY : 53%	
Remarks : Hor Z , Ver X-axis	ENGINEER : Norihisa Hashimoto	

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	2441.0	41.3	42.0	27.4	31.5	3.1	0.0	40.3	41.0	73.9	33.6	33.0

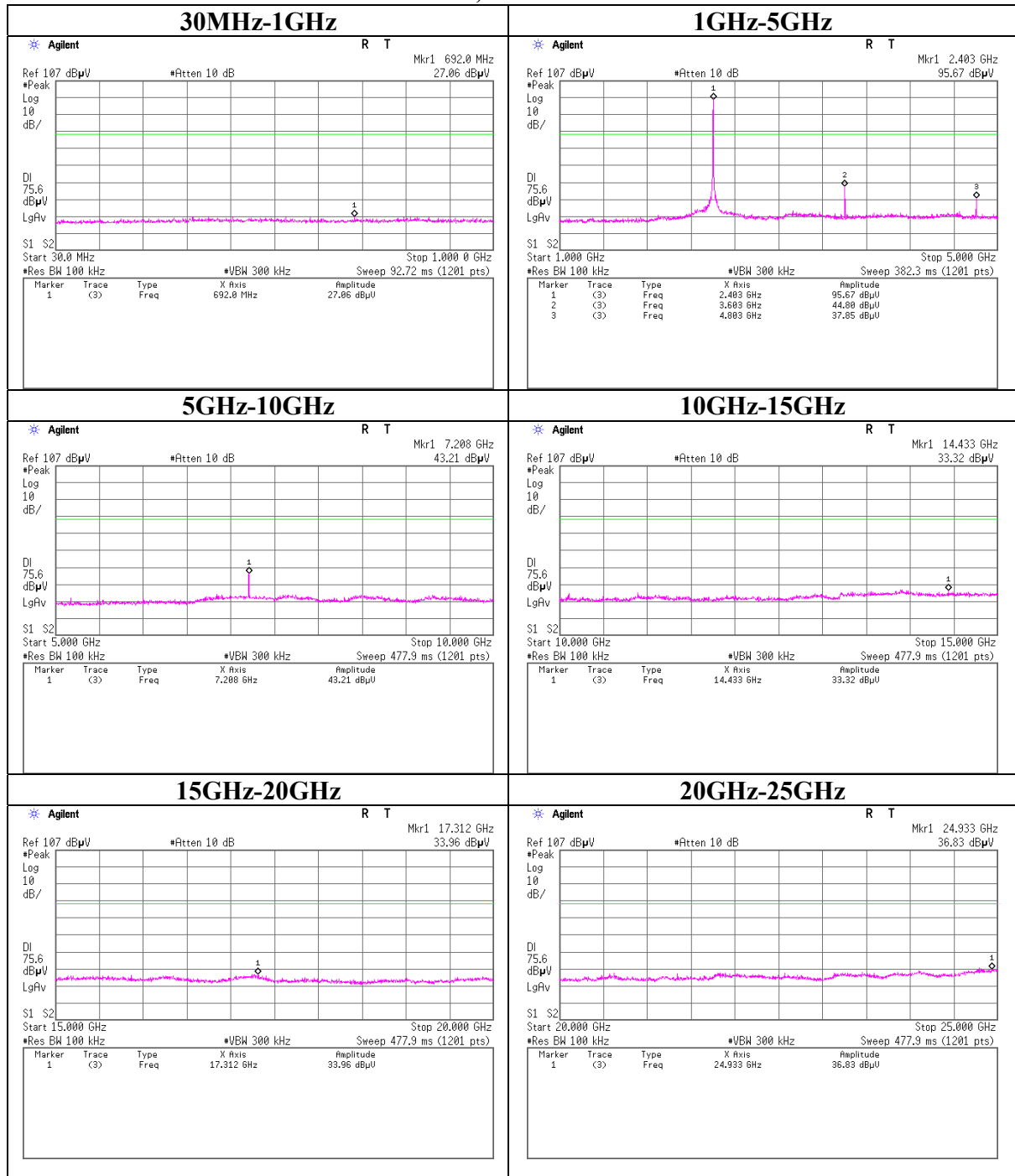
AV DETECT (RBW: 1MHz, VBW: 10Hz)

(REV: 1.0, 2016-07-16, G.W. 1012)												
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Hi-Pass Filter [dB]	RESULT		Limit A V [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	2441.0	29.8	30.3	27.4	31.5	3.1	0.0	28.8	29.3	53.9	25.1	24.6

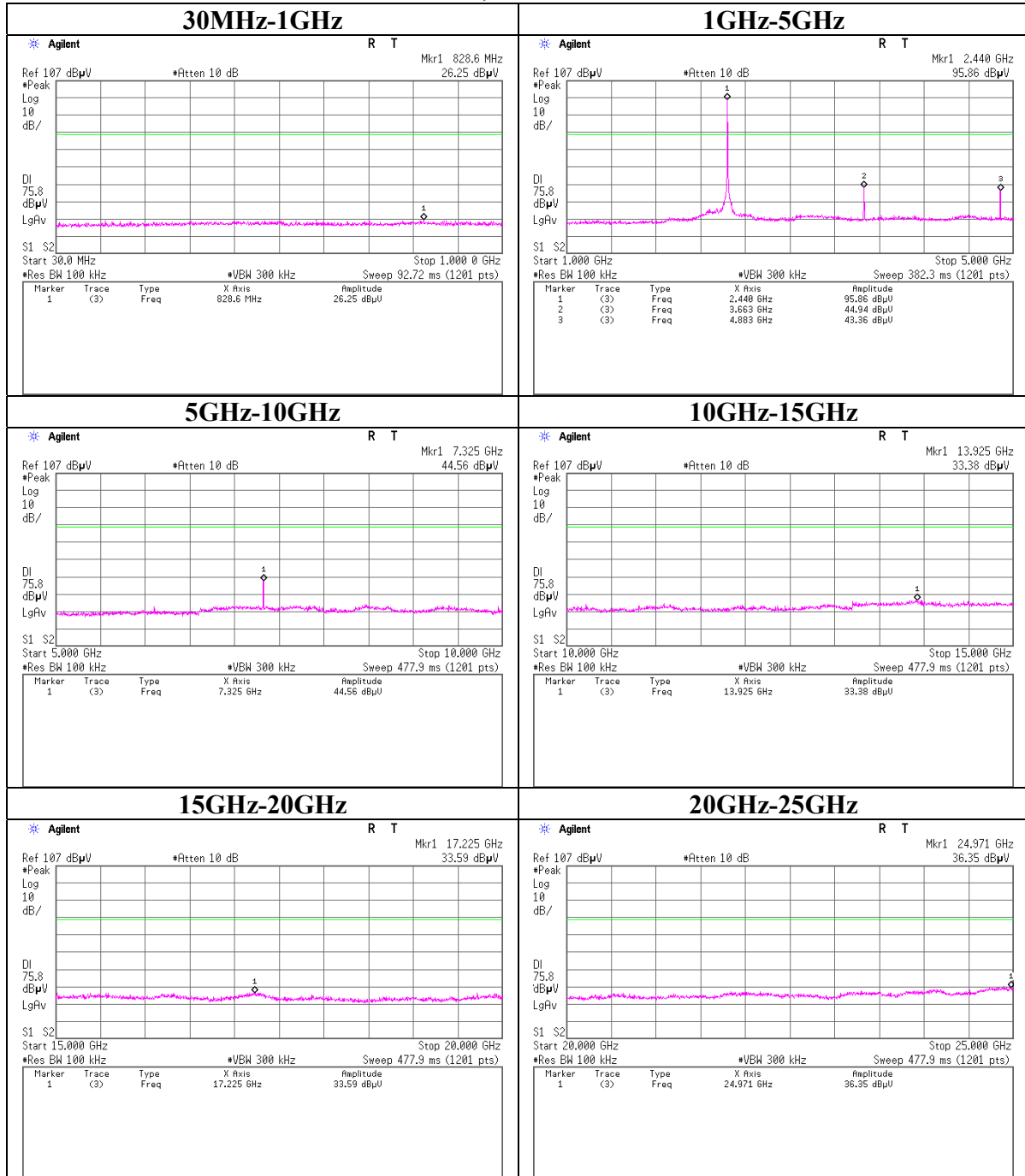
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
 *The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
 *Hi-Pass Filter was not used for factor 0.0dB of the above table.

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

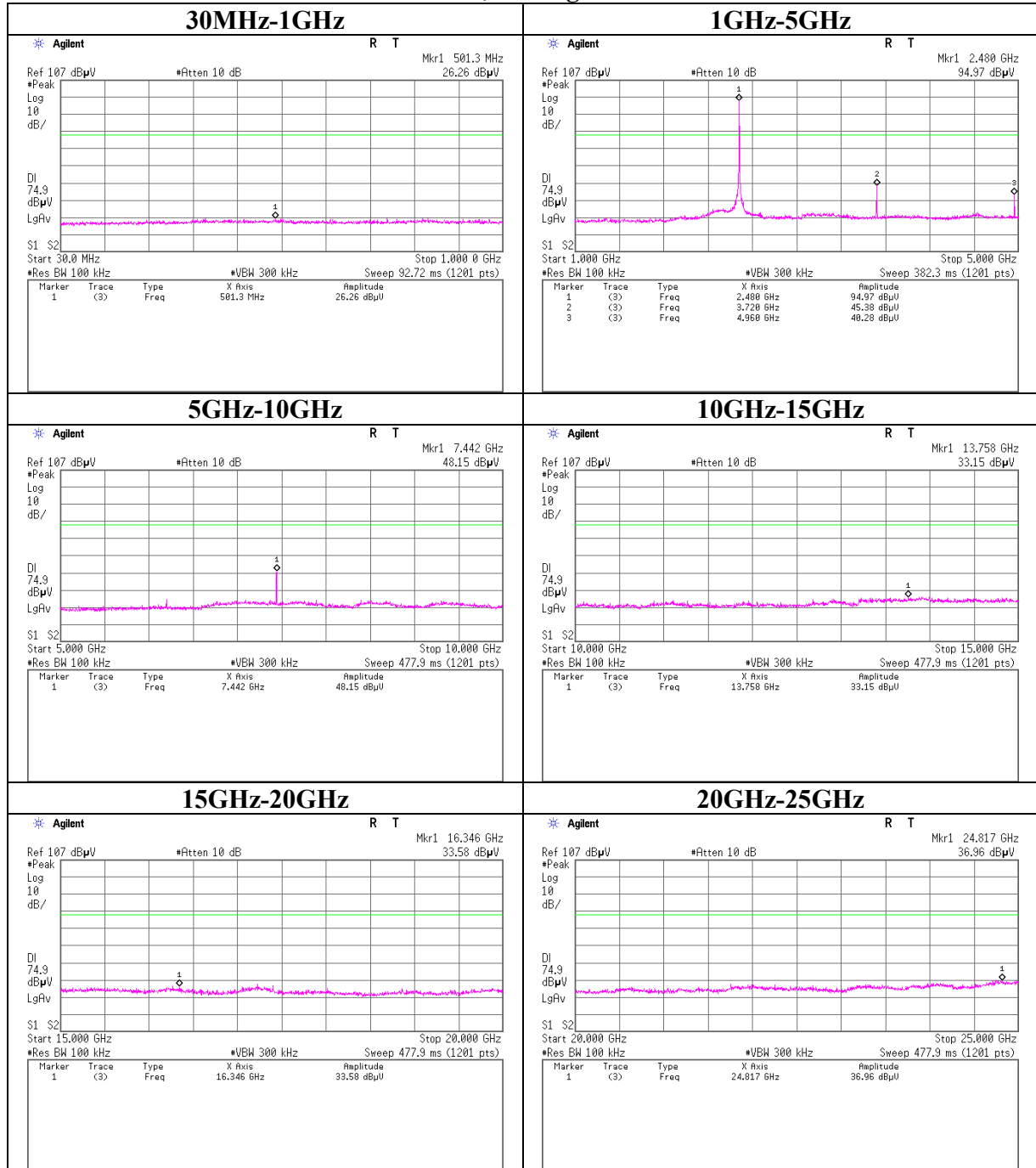
Conducted Spurious Emission
Tx, Ch:Low



Conducted Spurious Emission
Tx, Ch:Mid

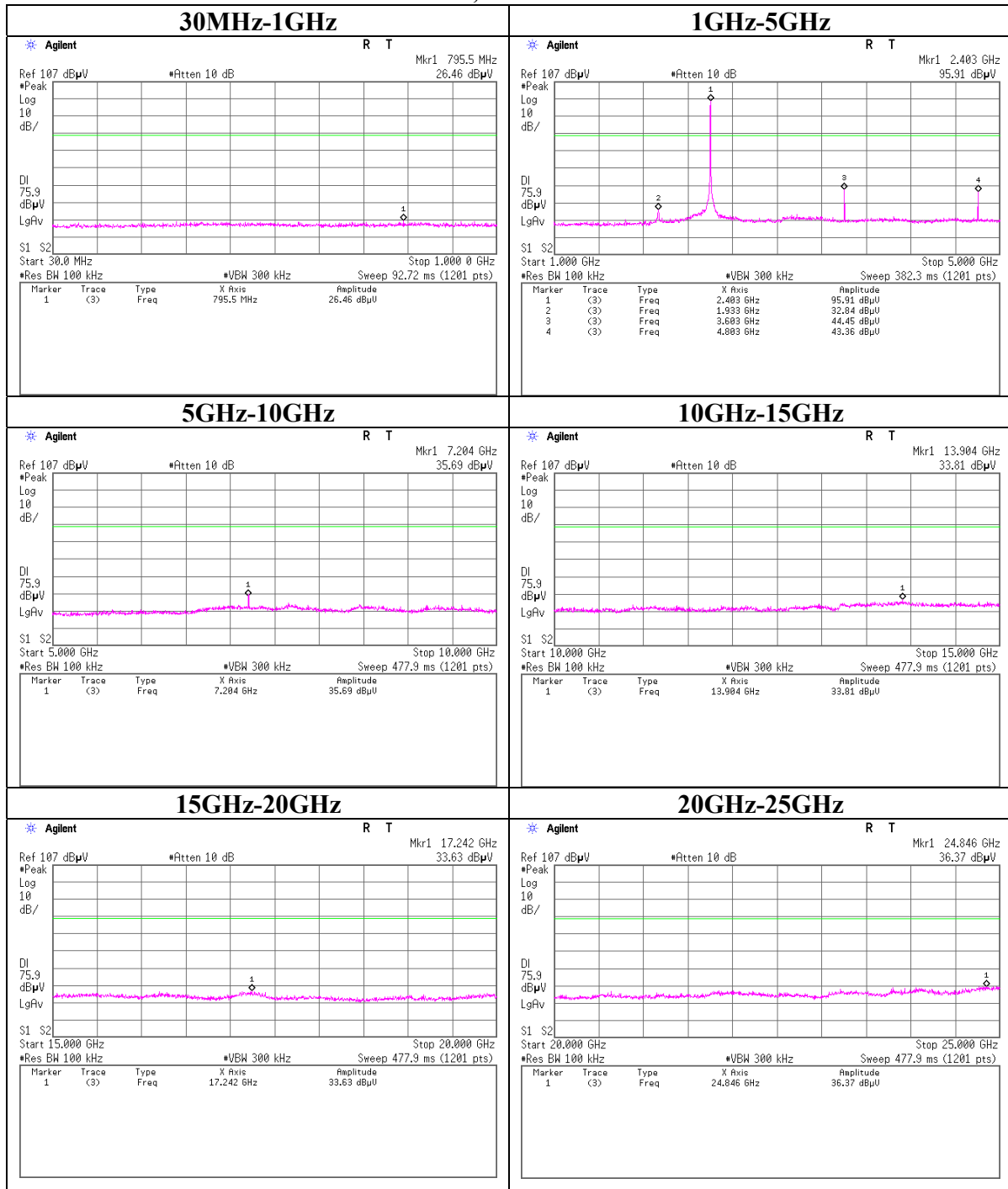


Conducted Spurious Emission
Tx, Ch:High

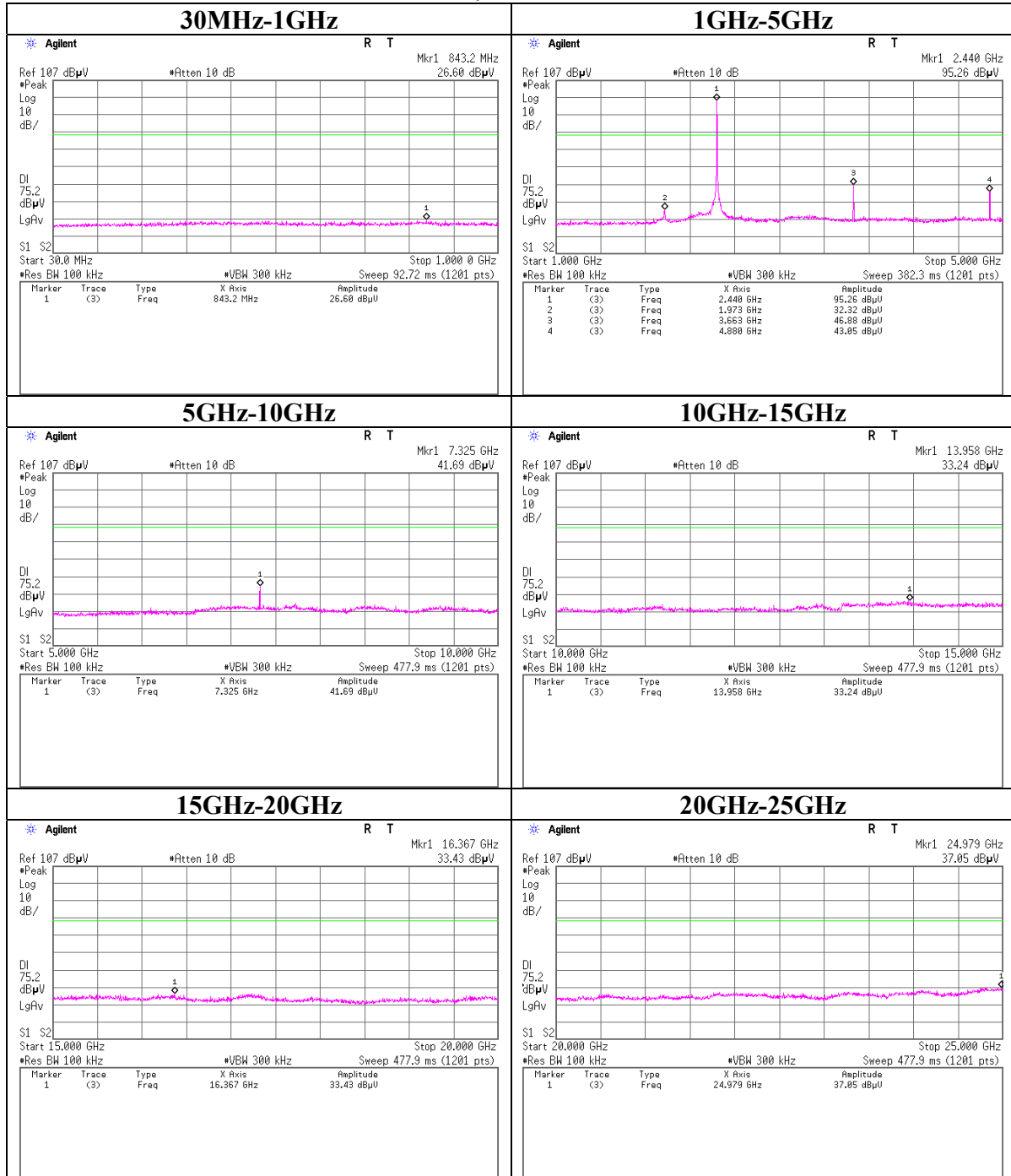


Conducted Spurious Emission (3DH5)

Tx, Ch:Low

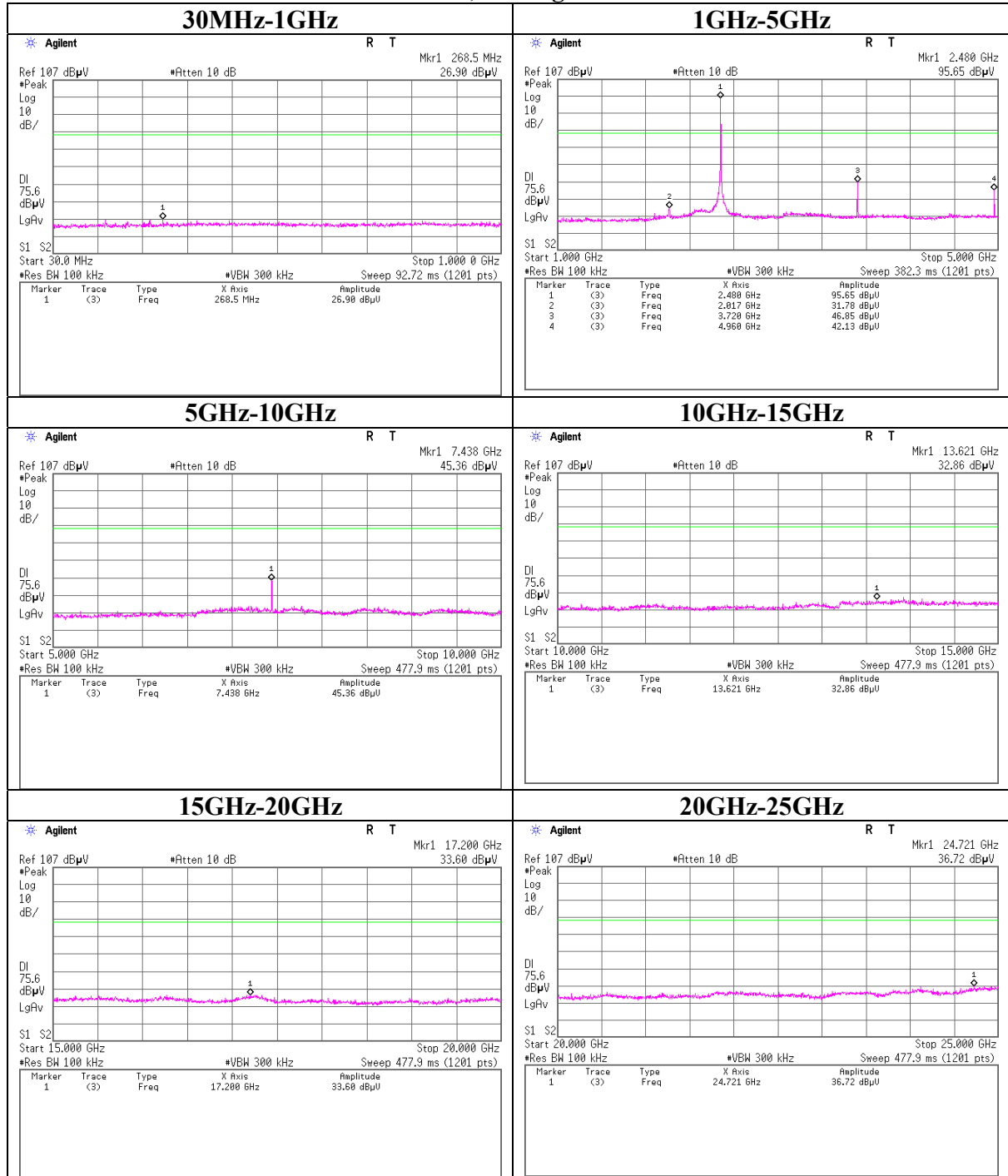


Conducted Spurious Emission (3DH5)
Tx, Ch:Mid

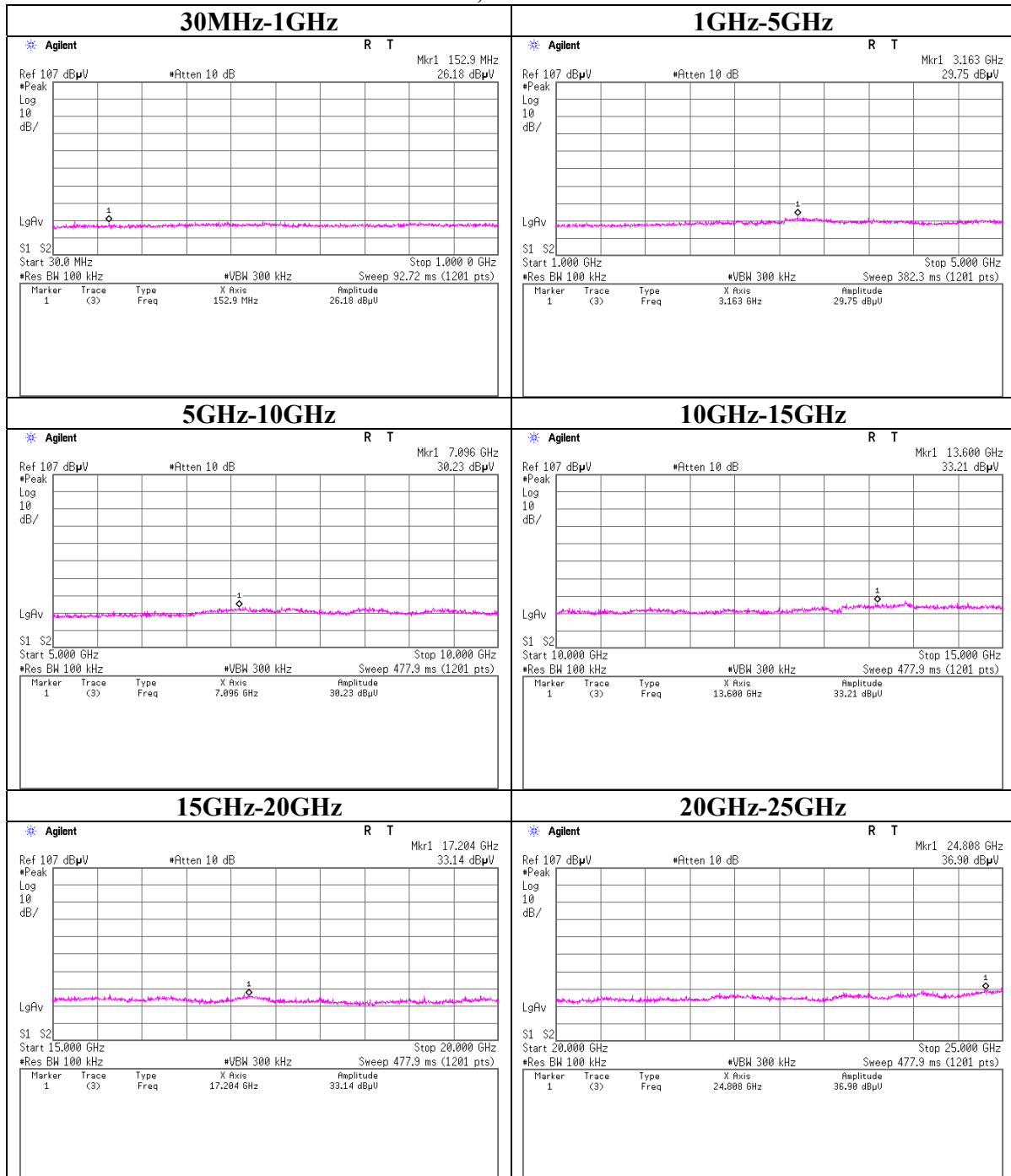


Conducted Spurious Emission (3DH5)

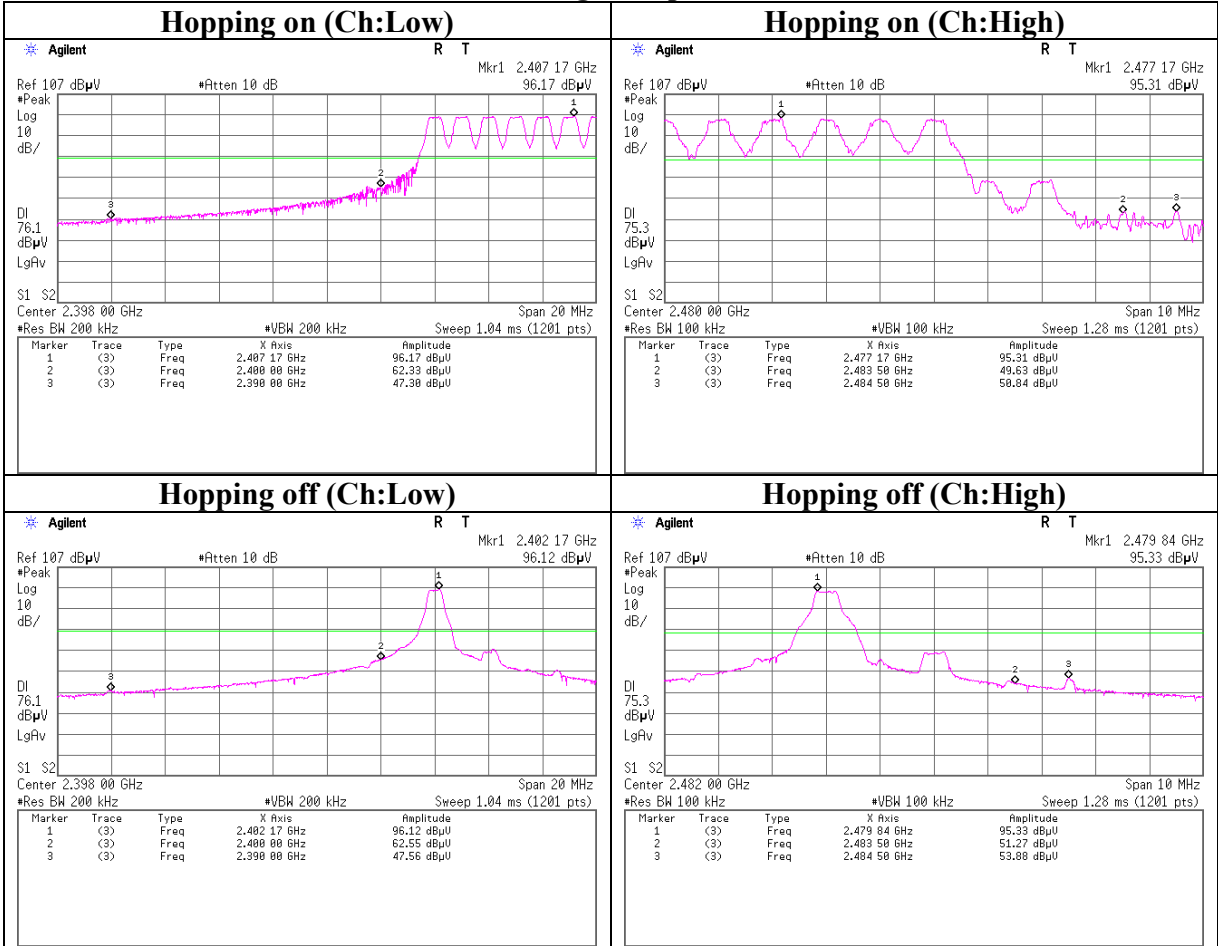
Tx, Ch:High



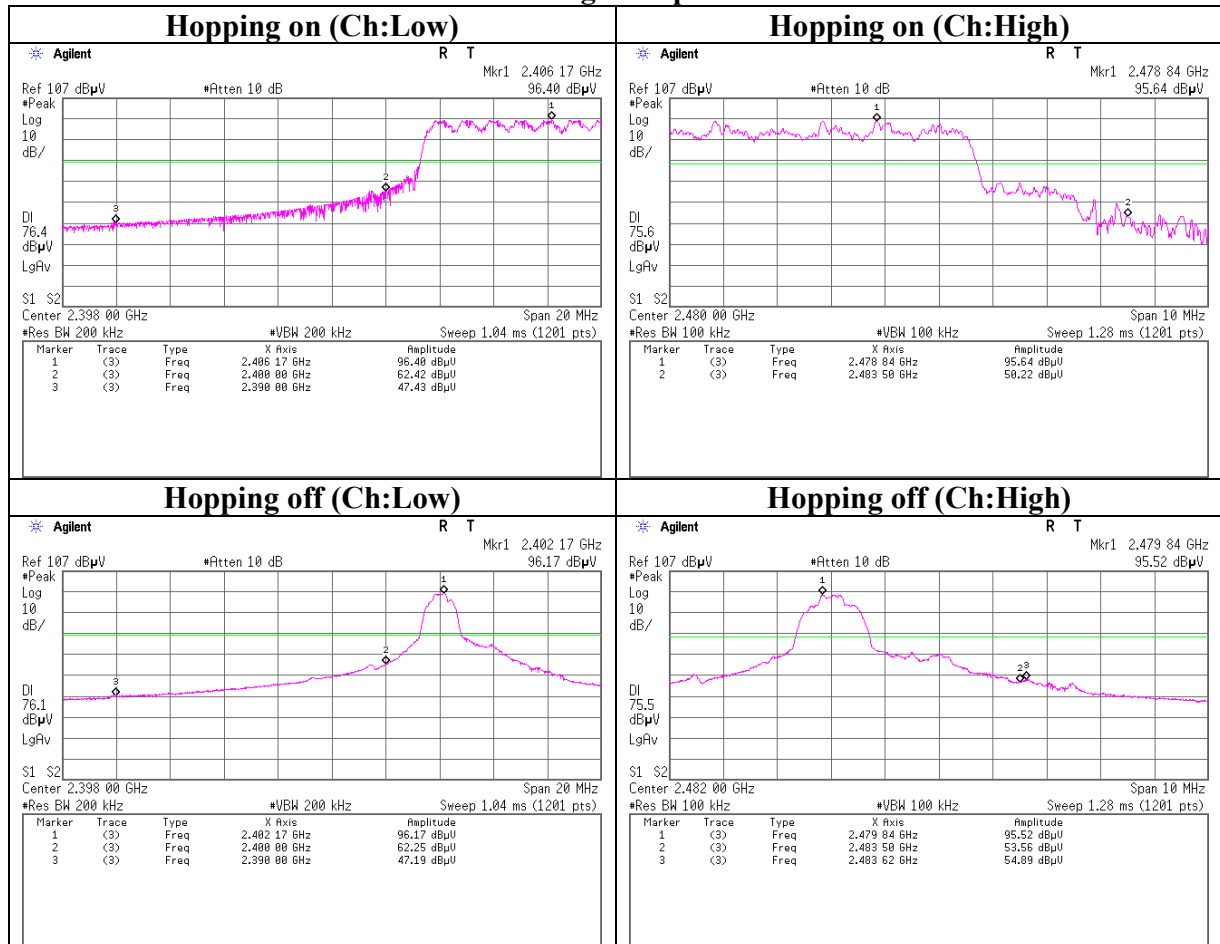
Conducted Spurious Emission
Rx, Ch:Mid



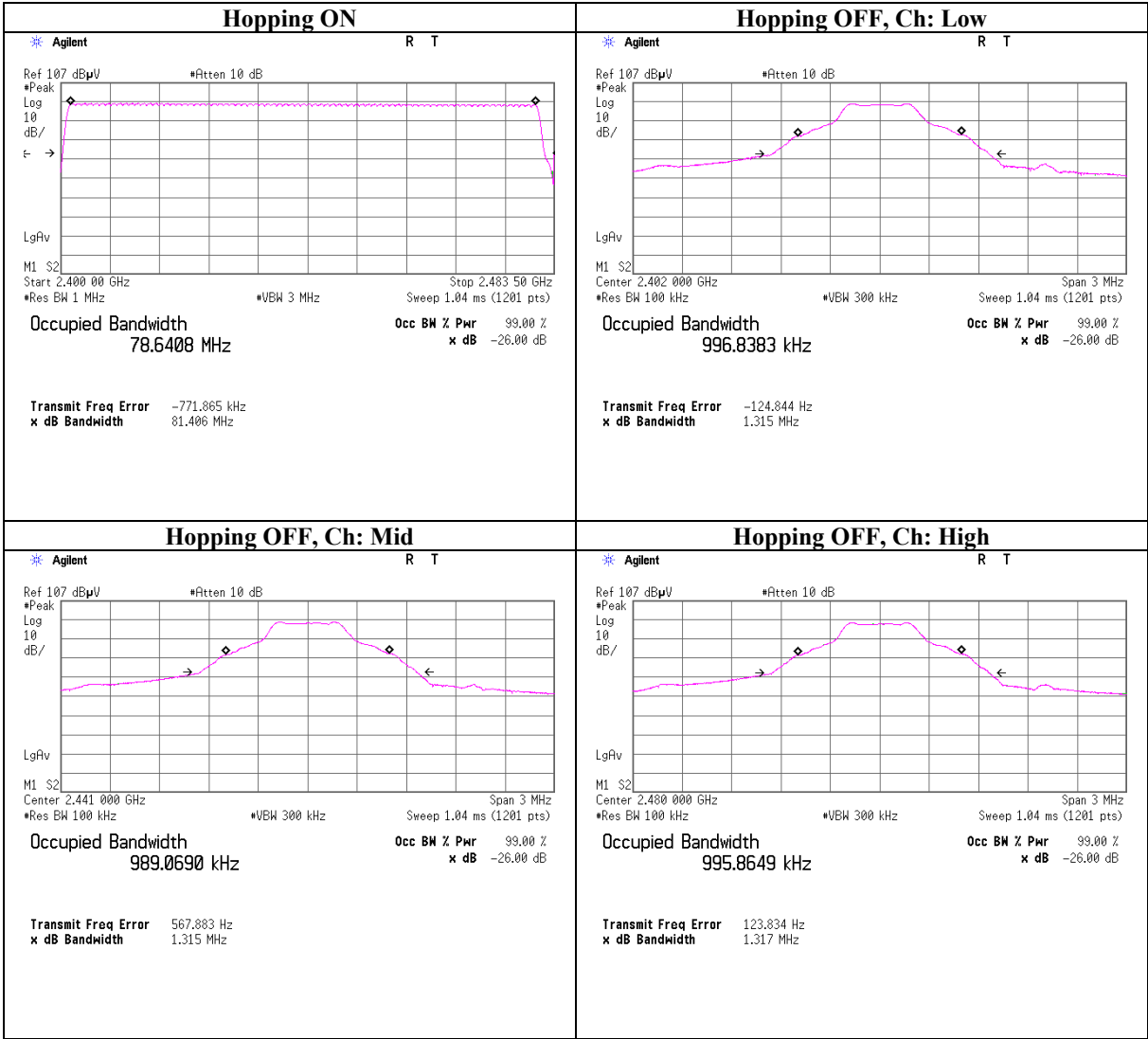
Conducted Spurious Emission
Band Edge compliance



Conducted Spurious Emission (3DH5)
Band Edge compliance

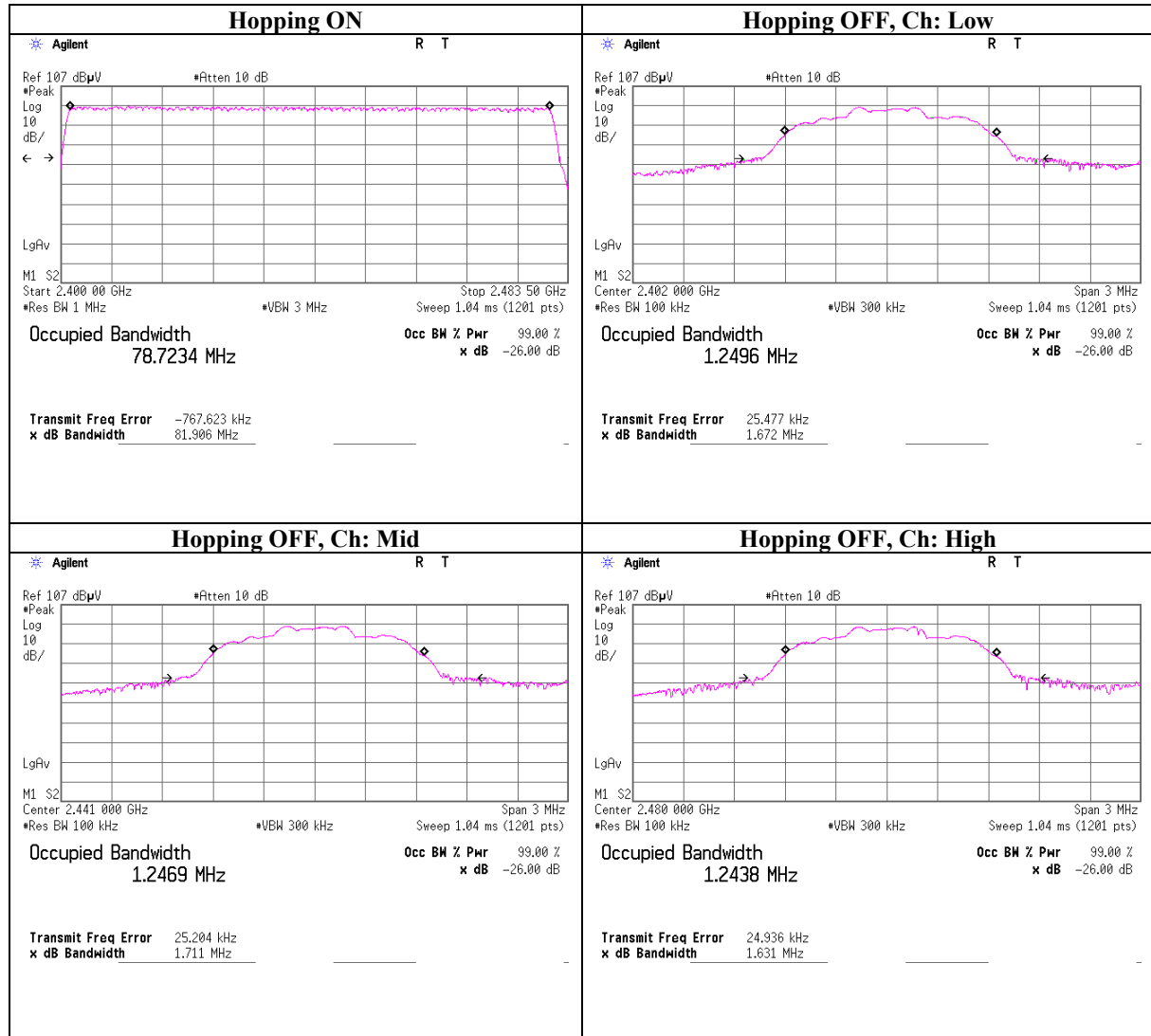


99% Occupied Bandwidth



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

99% Occupied Bandwidth(3DH5)



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

APPENDIX 3:Test instruments

EMI test equipment (1/2)

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MCC-51	Coaxial cable	UL Japan	-	CE	2007/07/26 * 12
MLS-07	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2007/02/22 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (AE)	2007/02/22 * 12
MTA-06	Terminator	MCL	BTRM-50	CE	2007/02/01 * 12
MAEC-03	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE/CE	2007/03/05 * 12
MOS-12	Thermo-Hygrometer	Custom	CTH-180	RE/CE	2006/01/19 * 24
MLDM-03	Digital laser distance meter	BOSCH	DLE 50	RE/CE	2007/06/21 * 36
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE/CE	-
MSA-09	Spectrum Analyzer	Advantest	R3273	RE/CE	2006/12/08 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE/CE	2007/02/03 * 12
MCC-56	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2007/03/29 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	RE	2007/03/02 * 12
MHA-20	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2007/04/14 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2007/04/02 * 12
MJM-05	Measure	PROMART	SEN1955	RE	-
MOS-02	Digital Humidity Indicator	N.T	NT-1800	RE	2006/11/27 * 12
MMM-01	Digital Tester	Fluke	FLUKE 26-3	RE	2006/08/08 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2006/10/07 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2006/10/07 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2006/12/27 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2007/02/27 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2006/09/07 * 12
MSA-06	Spectrum Analyzer	Agilent	E4407B	RE	2007/04/10 * 12
MHA-16	Horn Antenna 15-40GHz	Schwarzbeck	BBHA9170	RE	2007/04/06 * 12

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

EMI test equipment (2/2)

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MOS-04	Digital Humidity Indicator	N.T	NT-1800	AT	2006/11/27 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	AT	2006/09/13 * 12
MAT-23	Attenuator(10dB) DC-18GHz	Orient Microwave	BX10-0476-00	AT	2007/03/07 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	AT	2006/08/29 * 12
MPM-09	Power Meter	Anritsu	ML2495A	AT	2006/09/20 * 12
MPSE-12	Power sensor	Anritsu	MA2411B	AT	2006/09/20 * 12

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

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

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