



RADIO TEST REPORT

Test Report No. : 26FE0005-HO-2

Applicant : Panasonic Communications Co., Ltd.
Type of Equipment : Wireless USB Adaptor
Model No. : KX-TGA575
FCC ID : ACJ96NKX-TGA575
Test standard : FCC Part 15 Subpart C
Section 15.207, Section 15.247 : 2005
Test Result : Complied

1. This test report shall not be reproduced in full or partial, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with the above regulation. We hereby certify that the data contain a true representation of the EMC profile.
4. The test results in this report are traceable to the national or international standards.

Date of test:

January 17 to 20, 2006

Tested by:

K. Adachi

Kenichi Adachi
EMC Services

T. Shimoda

Takumi Shimada
EMC Services

Approved by:

H. Shimaji

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Head Office EMC Lab.

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SECTION 1: Client information

Company Name	Panasonic Communications Co., Ltd.
Brand name	Panasonic
Address	1-62, 4-chome, Minoshima, Hakata-ku, Fukuoka, 812-8531 Japan
Telephone Number	+81-92-477-1405
Facsimile Number	+81-92-477-1487
Contact Person	Kunihiko Nawata

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

2.1 Identification of E.U.T.

Type of Equipment	Wireless USB Adaptor
Model No.	KX-TGA575
Serial No.	1 (for Antenna terminal conducted emissions) 2 (for Radiated emissions and Conducted emissions)
Country of Manufacture	Japan
Rating	DC5.0V, PC supply (from USB port)
Condition of EUT	Engineering prototype (Not for sale: This sample is equivalent to mass-produced items.)
Receipt Date of Sample	January 16, 2006

2.2 Product Description

Equipment Type	Transceiver
Frequency band	Lower Channel : 5759.70240MHz Upper Channel : 5838.18697MHz
Bandwidth & Channel spacing	Bandwidth: 79MHz Channel spacing: 891.87kHz
Type of Modulation	FHSS
Antenna Type	Colliner-Antenna
Antenna Connector Type	N/A
Antenna Gain	3.0dBi (Typ.)
Mode of Operation	Duplex
ITU code	F1D
Power Supply (RF Part)	DC4.0V
Method of Frequency Generation	Synthesizer
Operation Clock	Main clock: 13.824 MHz

FCC 15.31 (e)

This EUT provides stable voltage (DC4.0V) constantly to RF Module regardless of input voltage.

FCC Part 15.203 Antenna requirement

It is impossible for end users to replace the antenna, because the antenna is installed inside the EUT.

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SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification : FCC Part15 Subpart C : 2005

Title : FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators
Section 15.207 Conducted limits : 2005
Section 15.247 Operation within the bands 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz : 2005

3.2 Procedures and results

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst Margin*0)	Results
1	Conducted emission	ANSI C63.4:2003 7. AC powerline conducted emission measurements	Section 15.207	-	N/A	12.6dB 0.15425MHz QP, L	Complied
2	Carrier Frequency Separation	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)	Conducted	N/A	See data.	Complied
3	20dB Bandwidth	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)(ii)	Conducted	N/A		Complied
4	Number of Hopping Frequency	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)(ii)	Conducted	N/A		Complied
5	Dwell time	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(a)(1)(ii)	Conducted	N/A		Complied
6	Maximum Peak Output Power	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(b)(1)	Conducted	N/A		Complied
7	Band Edge Compliance	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(d)	Conducted	N/A		Complied
8	Spurious Emission	ANSI C63.4:2003 13. Measurement of intentional radiators	Section15.247(d)	Conducted/ Radiated	N/A	5.4dB, 35029.1MHz Ver (AV) 10.3dB, 4948.3MHz, Hor (PK)	Complied

Note: UL Apex's EMI Work Procedures No.QPM05 and QPM15.

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

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

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

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3.3 Uncertainty

Conducted Emission

The measurement uncertainty (with a 95% confidence level) for this test is $\pm 1.3\text{dB}$.
The data listed in this test report has enough margin, more than the site margin.

Spurious Emission (Radiated)

The measurement uncertainty (with a 95% confidence level) for this test using Biconical antenna is $\pm 4.5\text{dB}(3\text{m})/\pm 4.7\text{dB}(10\text{m})$.
The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is $\pm 5.2\text{dB}(3\text{m})/\pm 3.8\text{dB}(10\text{m})$.
The measurement uncertainty (with a 95% confidence level) for this test using Horn antenna is $\pm 6.6\text{dB}$.
The data listed in this report meets the limits unless the uncertainty is taken into consideration.

Other test except Conducted Emission and Spurious Emission (Radiated)

The measurement uncertainty (with a 95% confidence level) for this test is $\pm 3.0\text{dB}$.

3.4 Test Location

UL Apex Co., Ltd. Head Office EMC Lab. *NVLAP Lab. code: 200572-0
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	FCC Registration Number	IC Registration Number	Width x Depth x Height (m)	Size of reference ground plane (m) / horizontal conducting plane	Other rooms
No.1 semi-anechoic chamber	313583	IC4247A	19.2 x 11.2 x 7.7m	7.0 x 6.0m	Preparation room
No.2 semi-anechoic chamber	846015	IC4247A-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 shielded room	-	-	4.7 x 7.5 x 2.7m	4.7 x 7.5m	-
No.4 measurement room	-	-	3.1 x 5.0 x 2.7m	N/A	-

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

3.5 Test set up, Test instruments and Data of EMI

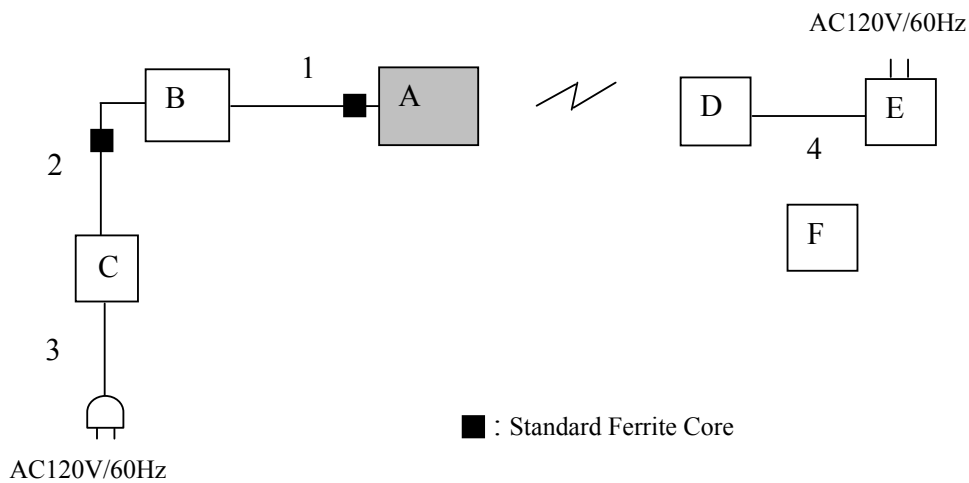
Refer to APPENDIX 1 to 3.

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

4.1 Operating Modes

The mode is used : [FHSS]
 Transmitting mode
 - Low Channel : 5759.70240MHz
 - Mid Channel : 5798.05084MHz
 - High Channel : 5838.18697MHz

4.2 Configuration and peripherals



* Cabling and setup were taken into consideration and test data was taken under worse case conditions.

Description of EUT and Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	Wireless USB Adaptor	KX-TGA575	1 (for Antenna terminal conducted emissions) 2 (for Radiated and Conducted emissions)	Panasonic Communications	EUT
B	Note PC	CF-73	4CKSA43779	Panasonic	-
C	AC Adaptor	CF-AA1652A	03X01609A	Panasonic	-
D	Base Unit	KX-TG5776	-	Panasonic Communications	*1)
E	AC Adaptor	PQLV205	-	Panasonic Communications	*1)
F	Hand Unit	-	-	Panasonic Communications	*1)

*1) Used at Antenna terminal conducted emission test (Hopping ON) only

List of cables used

No.	Name	Length (m)	Shield	Remarks
1	USB Cable	1.2	N	With standard ferrite core
2	DC Cable	1.8	N	With standard ferrite core
3	AC Cable	1.8	N	-
4	DC Cable	1.8	N	*1)

*1) Used at Antenna terminal conducted emission test (Hopping ON) only

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SECTION 5: Conducted Emission

Test Procedure and conditions

EUT was placed on a platform of nominal size, 0.5m by 1.0m, raised 80cm above the conducting ground plane. The rear of tabletop was located 40cm to the vertical conducting plane. The rear of EUT, including peripherals aligned and flushed with rear of tabletop. All other surfaces of tabletop were at least 80cm from any other grounded conducting surface. EUT was located 80cm from a Line Impedance Stabilization Network (LISN)/ Artificial mains Network (AMN) and excess AC cable was bundled in center.

For the tests on EUT itself (as a stand alone equipment)

Each EUT current-carrying power lead, except the ground (safety) lead, was individually connected through a LISN/(AMN) to the input power source. All unused 50ohm connectors of the LISN(AMN) were resistivity terminated in 50ohm when not connected to the measuring equipment.

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

The EUT was connected to a LISN (AMN).

An overview sweep with peak detection has been performed.

Detector	: CISPR quasi-peak and average detector (IF BW 9 kHz)
Measurement range	: 0.15-30MHz
Test data	: APPENDIX 3
Test result	: Pass

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SECTION 6: Spurious Emission

[Conducted]

Test Procedure

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

Test data : APPENDIX 3

Test result : Pass

[Radiated]

Test Procedure

EUT was placed on a platform of nominal size, 0.5m by 1.0m, raised 80cm above the conducting ground plane.

The Radiated Electric Field Strength intensity has been measured in a Semi Anechoic Chamber with a ground plane and at a distance of 3m(Below 18GHz) and 1m(Upper 18GHz) and 0.5m (Upper 26.5GHz).

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

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

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

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

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

20dBc was applied to the frequency over the limit of FCC 15.209 and outside the restricted band of 15.205.

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

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

Test data : APPENDIX 3

Test result : Pass

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SECTION 7: Bandwidth

Test Procedure

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

Test data	: APPENDIX 3
Test result	: Pass

SECTION 8: Maximum Peak Output Power

Test Procedure

The Maximum Peak Output Power was measured with a spectrum analyzer connected to the antenna port.

Test data	: APPENDIX 3
Test result	: Pass

SECTION 9: Carrier Frequency Separation

Test Procedure

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

Test data	: APPENDIX 3
Test result	: Pass

SECTION 10: Number of Hopping Frequency

Test Procedure

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

Test data	: APPENDIX 3
Test result	: Pass

SECTION 11: Dwell time

Test Procedure

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

Test data	: APPENDIX 3
Test result	: Pass

APPENDIX 1: Photographs of test setup

Conducted Emission

Front

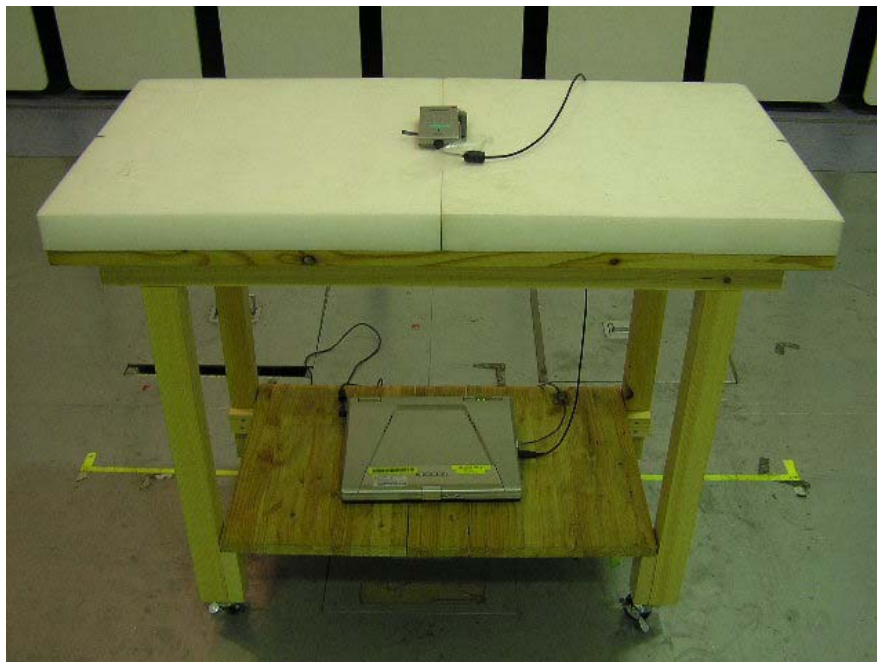


Rear

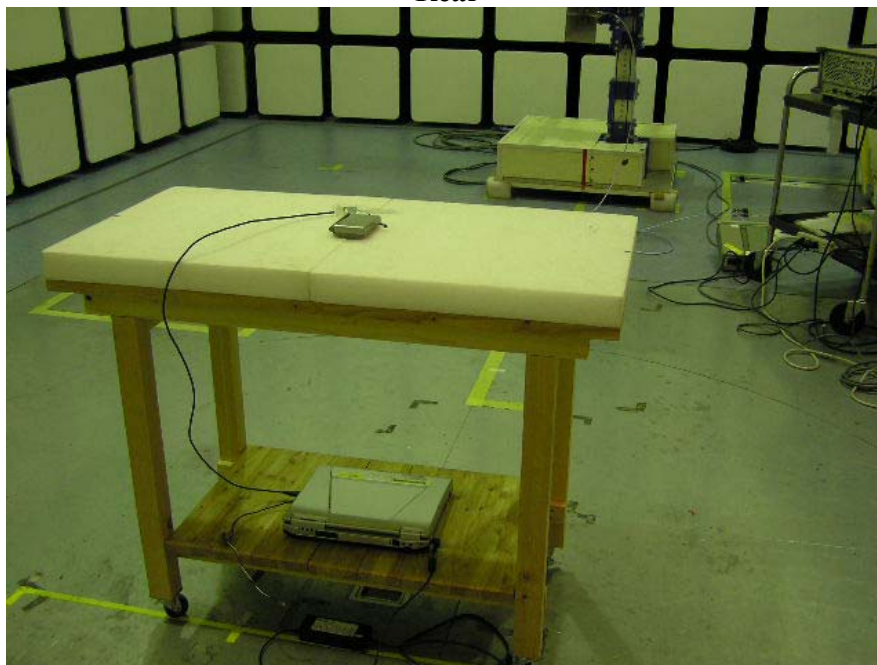


Spurious Emission (Radiated)

Front



Rear



Worst Case Position (Horizontal: X-axis, Ant-0deg. / Vertical: Y-axis, Ant-0deg.)

X-axis, Ant-0deg.



X-axis, Ant-90 deg.



Y-axis, Ant-0deg.



Y-axis, Ant-90 deg.



Z-axis, Ant-0deg.



Z-axis, Ant-90 deg.



APPENDIX 2:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MSA-04	Spectrum Analyzer	Agilent	E4448A	AT	2005/05/19 * 12
MAT-25	Attenuator	Agilent	8493C	AT	2005/06/03 * 12
MCC-17	Microwave Cable 1G-50GHz	Suhner	SUCOFLEX 101	AT	2005/02/03 * 12
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE / CE	2005/04/11 * 12
MRENT-23	Spectrum Analyzer	Advantest	R3273	RE / CE	2006/01/10 * 12
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2006/01/09 * 12
MCC-26	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MCC-47	Microwave Cable 1G-26.5GHz	Suhner	SUCOFLEX104	RE	2005/08/30 * 12
MPA-10	Pre Amplifier	Agilent	8449B	RE	2005/09/07 * 12
MAT-01	Attenuator(20dB)(above 1GHz)	Agilent	8490D,020	RE	2006/01/10 * 12
MBF-03	SHF Bandpass Filter	M-City	13GHz BPF	RE	2005/05/20 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2006/01/09 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	RE	2005/09/16 * 12
MCC-27	Microwave Cable 1G-50GHz	Suhner	SUCOFLEX101	RE	2005/08/30 * 12
MPA-03	Microwave System Power Amplifier	Agilent	83050A	RE	2005/05/11 * 12
MCC-28	Microwave Cable 1G-50GHz	Suhner	SUCOFLEX101	RE	2005/08/30 * 12
MHA-04	Horn Antenna	EMCO	3160-10	RE	2006/01/09 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE / CE	2005/02/02 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2005/10/10 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2005/10/14 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2005/02/24 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2005/12/16 * 12
MPA-09	Pre Amplifier	Agilent	8447D	RE	2005/09/07 * 12
MCC-13	Coaxial Cable	Fujikura/Agilent	-	CE	2005/02/24 * 12
MLS-06	LISN(AMN)	Schwarzbeck	NSLK8127	CE (EUT)	2005/02/04 * 12

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

Test Item: CE: Conducted Emission
RE: Radiated Spurious Emission
AT: Antenna Terminal Measurement

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APPENDIX 3: Data of EMI test

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/20 00:59:46

Company : Panasonic Communications Co.,Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless USB Adaptor Power : AC 120V / 60Hz
Model No. : KX-TGA575 Temp./Humi. : 18deg.C / 30%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chL (5759.7024MHz)

LIMIT : FCC15C § 15.207 (QP)
FCC15C § 15.207 (AV)

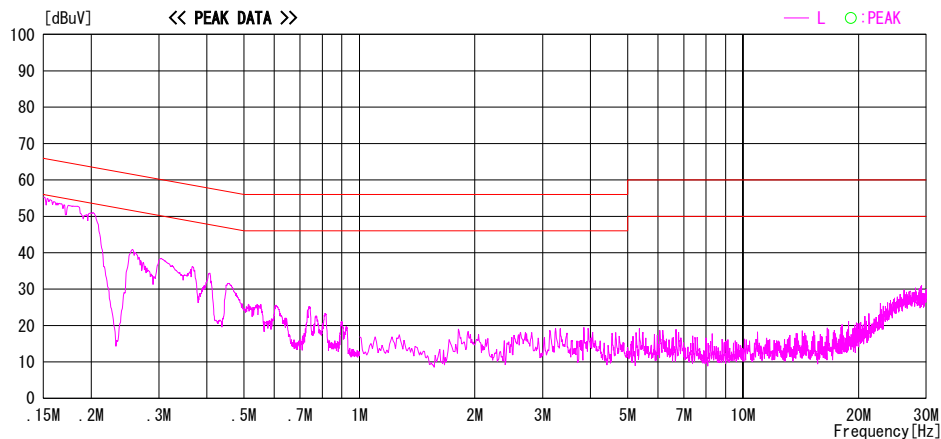
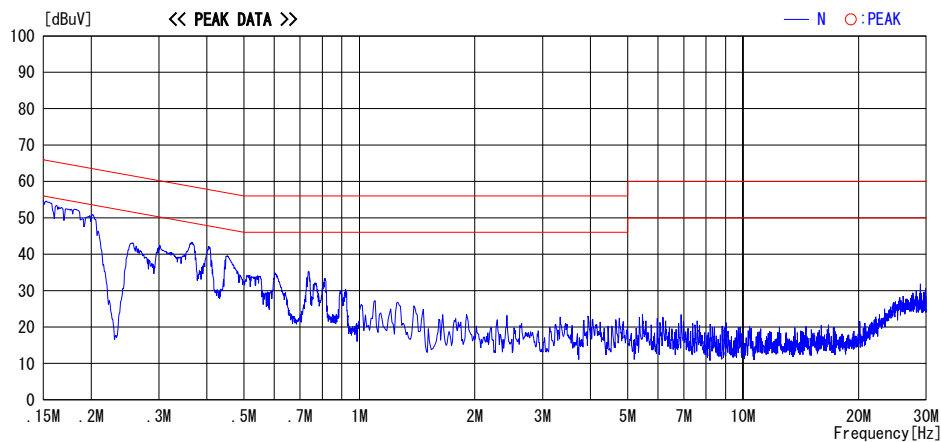


CHART:WITH FACTOR, Peak hold data. Data is uncorrected. CALCURATION: RESULT=READING+C. F (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

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Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/20 01:06:52

Company : Panasonic Communications Co.,Ltd.
Kind of EUT : Wireless USB Adaptor
Model No. : KX-TGA575
Serial No. : 2
Report No. : 26FE0005-HO
Power : AC 120V / 60Hz
Temp./Humi. : 18deg. C / 30%
Operator : Takumi Shimada

Mode / Remarks : Tx chM(5798.05084MHz)

LIMIT : FCC15C §15.207 (QP)
FCC15C §15.207 (AV)

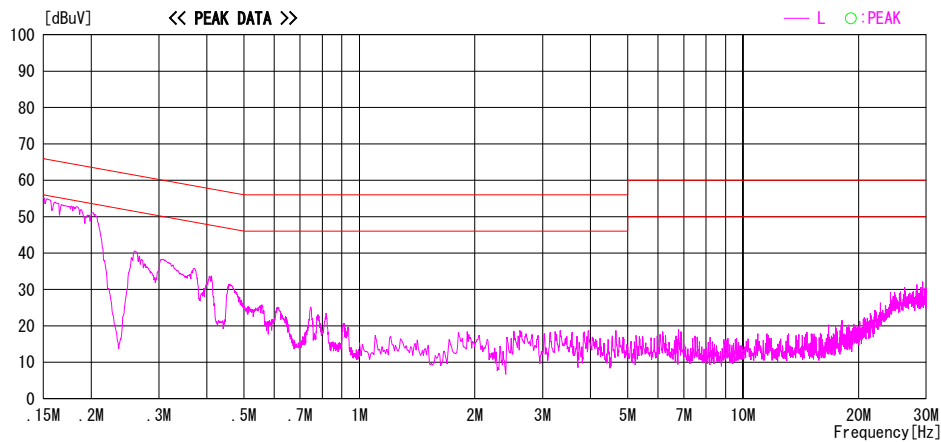
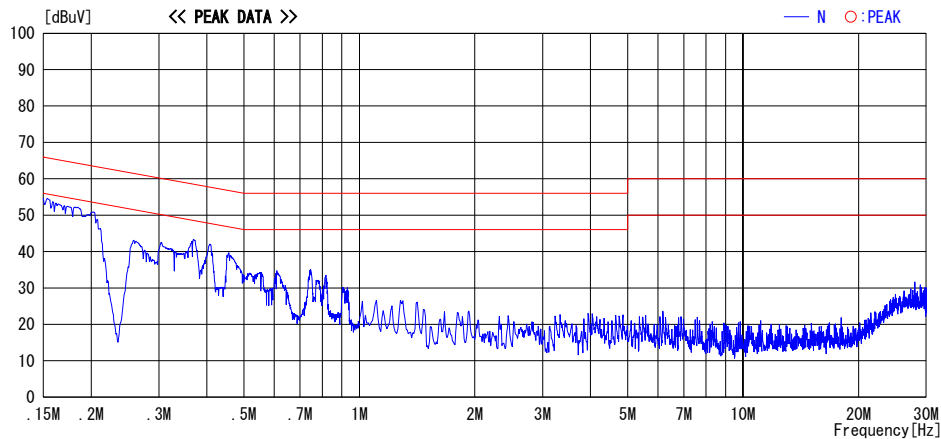


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCURATION: RESULT=READING+C. F (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/20 01:17:16

Company : Panasonic Communications Co.,Ltd.
Kind of EUT : Wireless USB Adaptor
Model No. : KX-TGA575
Serial No. : 2
Report No. : 26FE0005-HO
Power : AC 120V / 60Hz
Temp./Humi. : 18deg. C / 30%
Operator : Takumi Shimada

Mode / Remarks : Tx chH(5838.18697MHz)

LIMIT : FCC15C §15.207 (QP)
FCC15C §15.207 (AV)

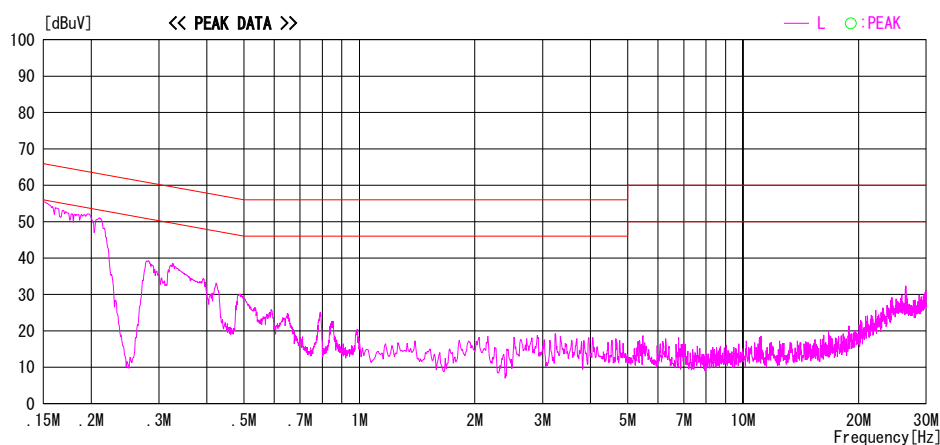
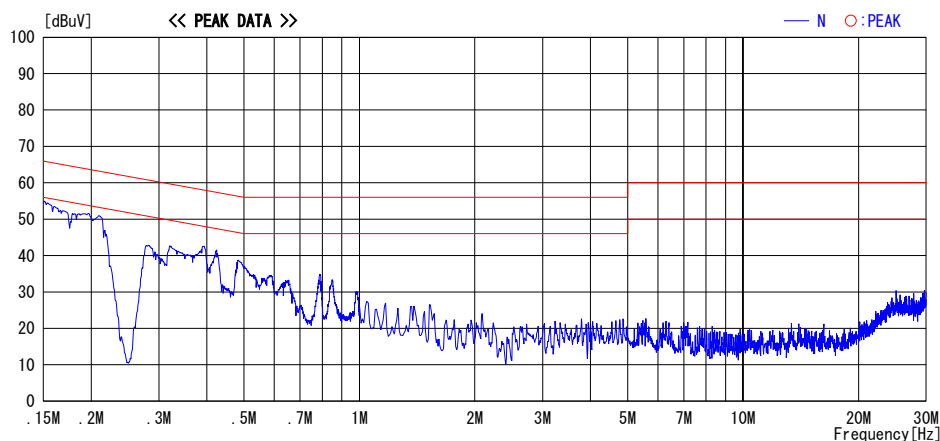


CHART:WITH FACTOR,Peak hold data.Data is uncorrected. CALCURATION:RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission

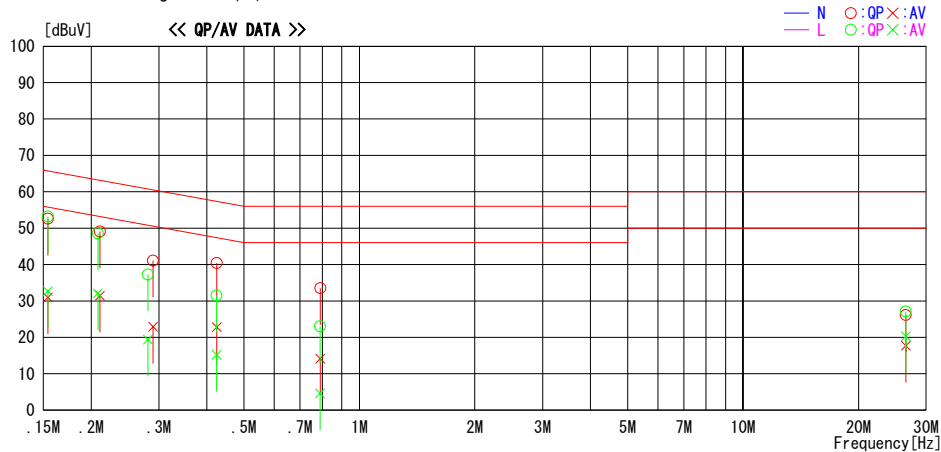
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/20 01:17:16

Company : Panasonic Communications Co., Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless USB Adaptor Power : AC 120V / 60Hz
Model No. : KX-TGA575 Temp./Humi. : 18deg. C / 30%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chH(5838.18697MHz)

LIMIT : FCC15C § 15.207 (QP)
FCC15C § 15.207 (AV)



Frequency	Reading Level		Corr. Factor	Results		Limit		Margin		Phase	Comment
	QP	AV		QP	AV	QP	AV	QP	AV		
[MHz]	[dBuV]	[dBuV]	[dB]	[dBuV]	[dBuV]	[dBuV]	[dBuV]	[dB]	[dB]		
0.15425	52.5	30.9	0.1	52.6	31.0	65.8	55.8	13.2	24.8	N	
0.21053	49.0	31.4	0.1	49.1	31.5	63.2	53.2	14.1	21.7	N	
0.28977	41.0	22.8	0.1	41.1	22.9	60.5	50.5	19.4	27.6	N	
0.42483	40.3	22.7	0.1	40.4	22.8	57.4	47.4	17.0	24.6	N	
0.78993	33.2	13.9	0.3	33.5	14.2	56.0	46.0	22.5	31.8	N	
26.52181	24.0	15.6	2.1	26.1	17.7	60.0	50.0	33.9	32.3	N	
0.15425	53.1	32.6	0.1	53.2	32.7	65.8	55.8	12.6	23.1	L	*
0.20802	48.5	32.0	0.1	48.6	32.1	63.3	53.3	14.7	21.2	L	
0.28091	37.2	19.3	0.1	37.3	19.4	60.8	50.8	23.5	31.4	L	
0.42409	31.4	15.1	0.1	31.5	15.2	57.4	47.4	25.9	32.2	L	
0.78967	22.7	4.3	0.3	23.0	4.6	56.0	46.0	33.0	41.4	L	
26.52671	25.0	18.2	2.1	27.1	20.3	60.0	50.0	32.9	29.7	L	

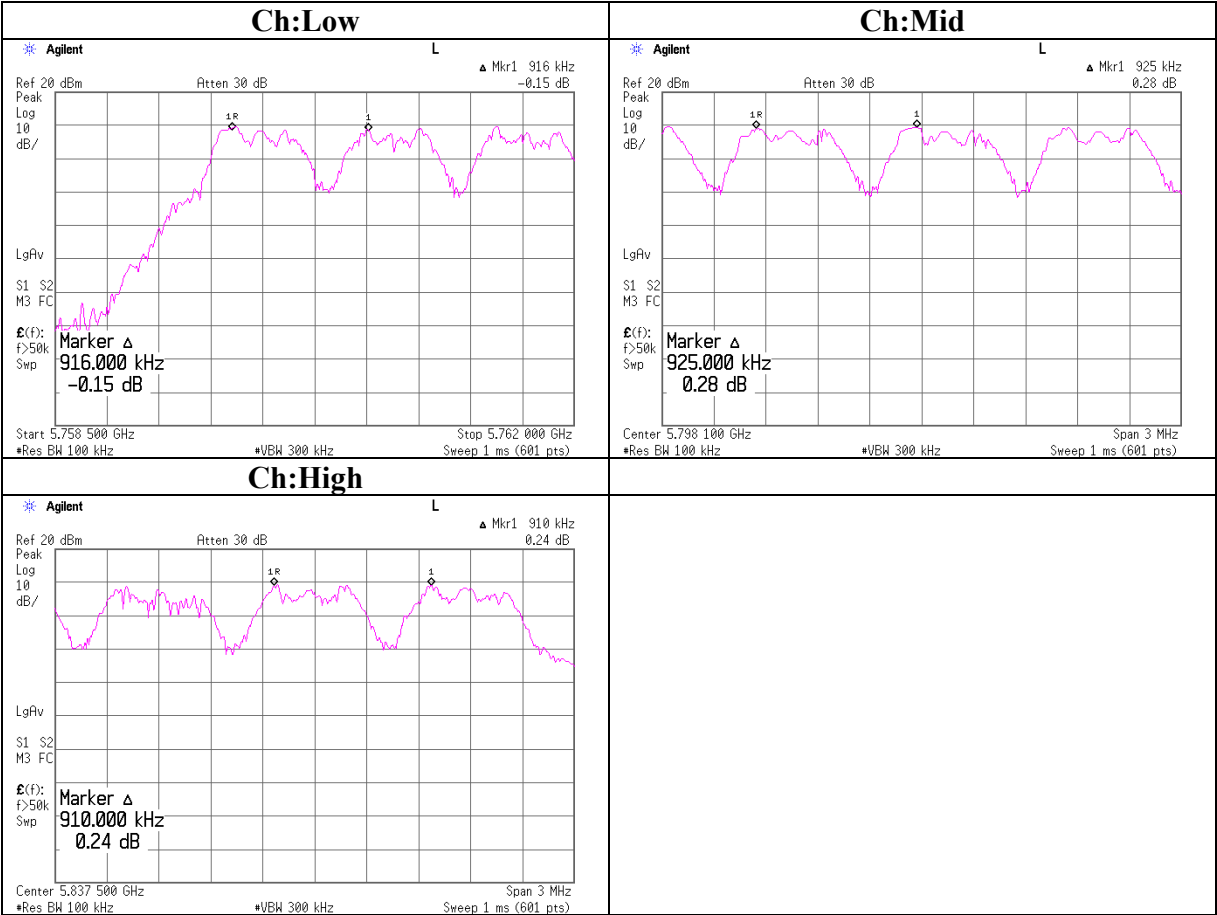
CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCULATION: RESULT=READING+C. F (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Carrier Frequency Separation

Company	: Panasonic Communications Co.,Ltd.	UL-Apex
Equipment	: Wireless USB Adaptor	Head Office EMC Lab. No.3 Shielded Room
Model	: KX-TGA575	Regulation : Section 15.247(a)(1)
S/N	: 1	Test Distance : -
Power	: AC 120V / 60Hz	Date : 01/17/2006
Mode	: Tx (Hopping on)	Temperature : 21 deg.C.
		Humidity : 33 %
		Engineer : Kenichi Adachi

Ch	Freq. [MHz]	Channel separation [MHz]	Limit
Low	5759.7	0.916	>20dB Bandwidth and 25[kHz]
Mid	5798.1	0.925	>20dB Bandwidth and 25[kHz]
High	5838.2	0.910	>20dB Bandwidth and 25[kHz]

Carrier Frequency Separation



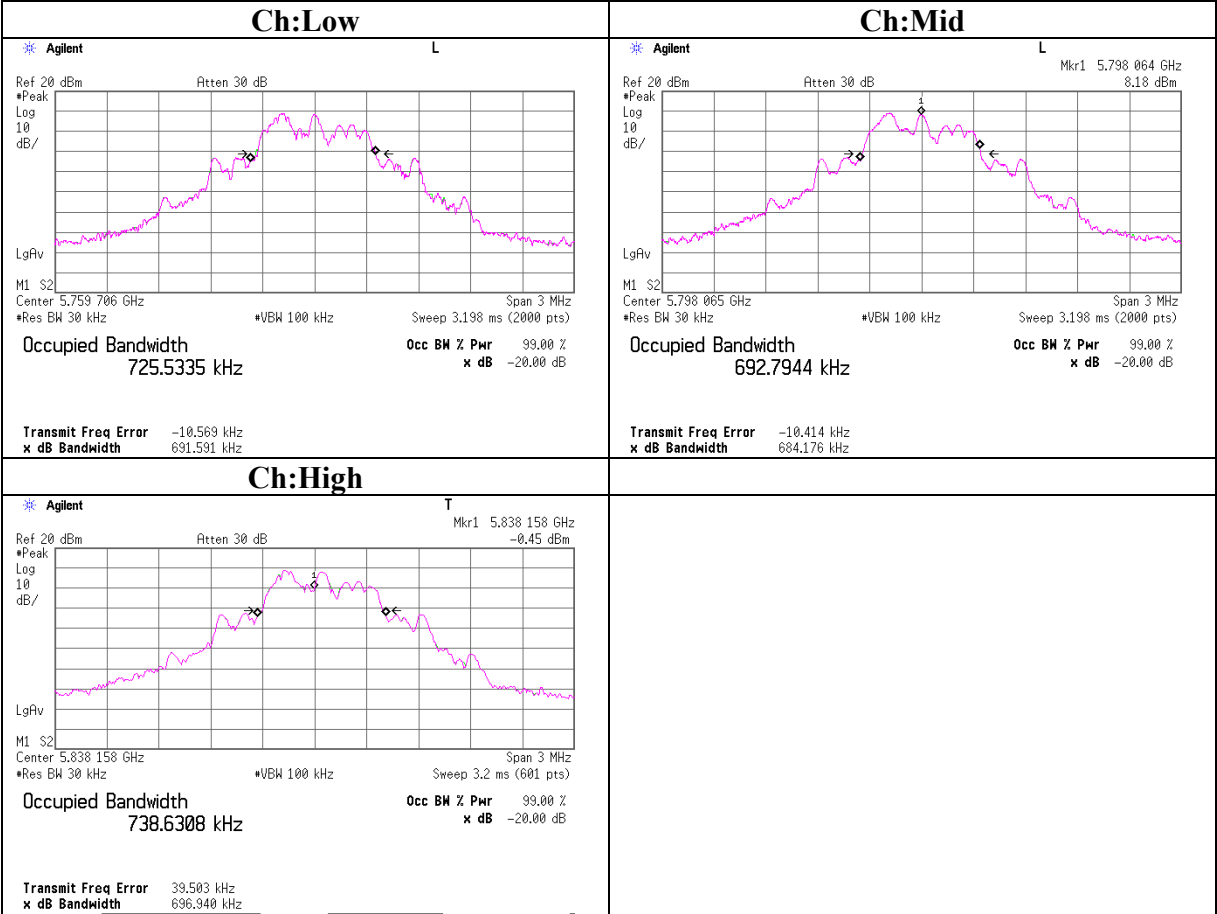
20dB Bandwidth

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless USB Adaptor
Model : KX-TGA575
S/N : 1
Power : AC 120V / 60Hz
Mode : Tx (Hopping off)

UL-Apex
Head Office EMC Lab. No.3 Shielded Room
Regulation : Section 15.247(a)(1)(ii)
Test Distance : -
Date : 01/17/2006
Temperature : 21 deg.C.
Humidity : 33 %
Engineer : Kenichi Adachi

Ch	Freq.	20dB Bandwidth	Limit
	[MHz]	[MHz]	[MHz]
Low	5759.5	0.692	≤ 1
Mid	5798.1	0.684	≤ 1
High	5838.2	0.697	≤ 1

20dB Bandwidth



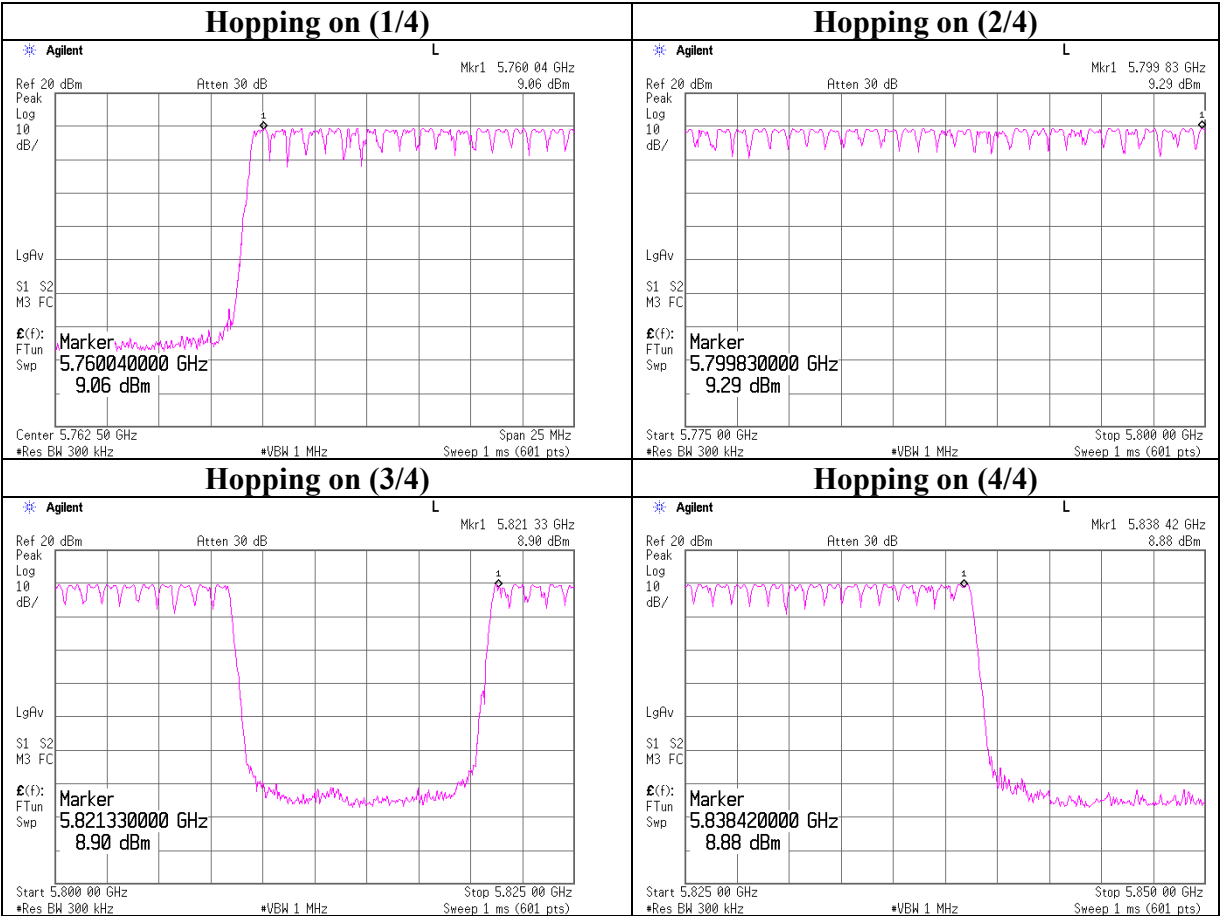
Number of Hopping Frequency

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless USB Adaptor
Model : KX-TGA575
S/N : 1
Power : AC 120V / 60Hz
Mode : Tx (Hopping on)

UL-Apex
Head Office EMC Lab. No.3 Shielded Room
Regulation : Section 15.247(a)(1)(ii)
Test Distance : -
Date : 01/17/2006
Temperature : 21 deg.C.
Humidity : 33 %
Engineer : Kenichi Adachi

Mode	Number of channel	Limit
	[time]	[time]
Tx(Hoppng on)	75	≥ 75

Number of Hopping Frequency

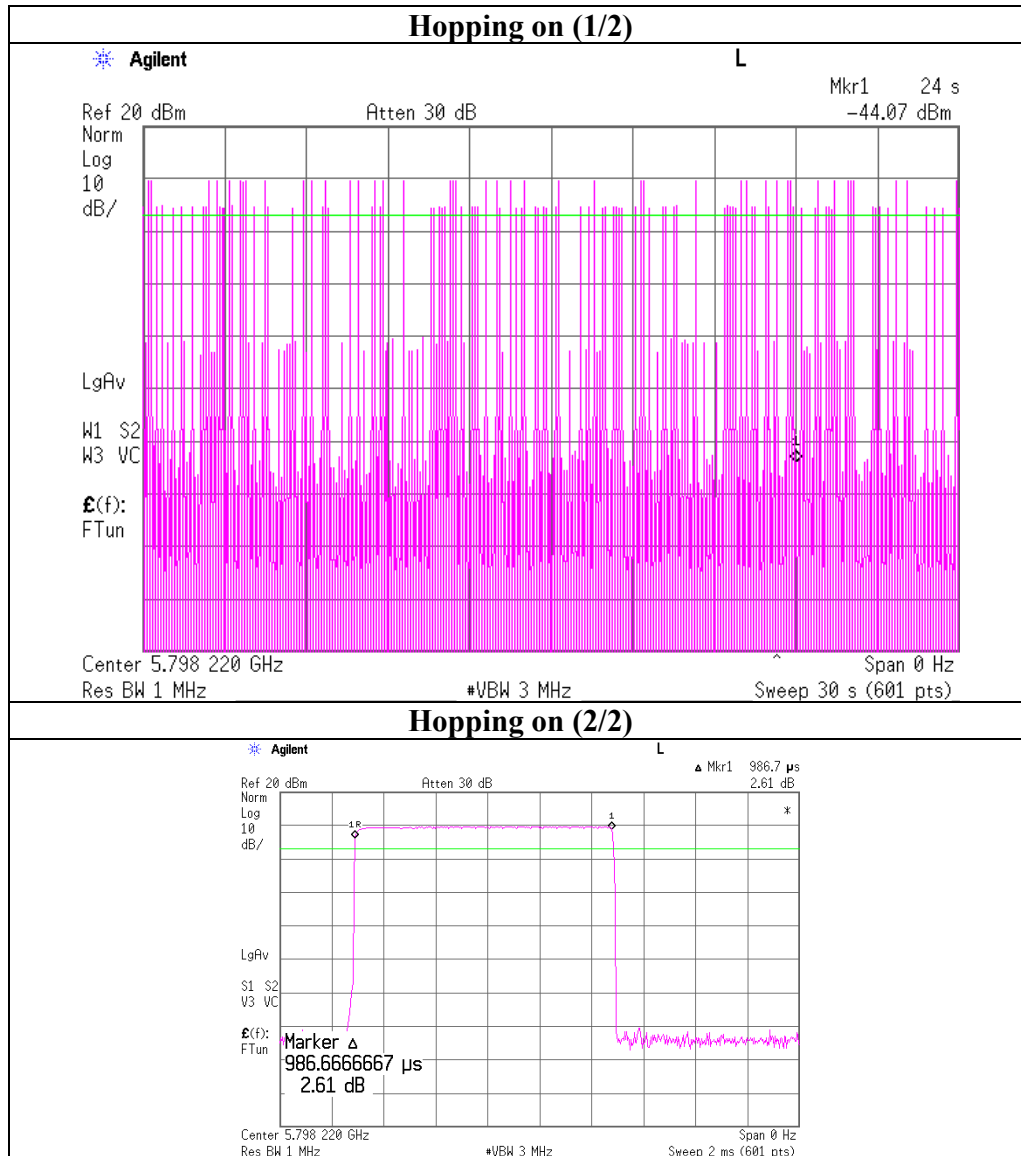


Dwell time

Company	: Panasonic Communications Co.,Ltd.	UL-Apex	
Equipment	: Wireless USB Adaptor	Head Office EMC Lab. No.3 Shielded Room	
Model	: KX-TGA575	Regulation	: Section 15.247(a)(1)(ii)
S/N	: 1	Test Distance	: -
Power	: AC 120V / 60Hz	Date	: 01/17/2006
Mode	: Tx (Hopping on)	Temperature	: 21 deg.C.
		Humidity	: 33 %
		Engineer	: Kenichi Adachi

Mode	Number of transmission in a 30sec	Length of transmission time [msec]	Result [msec]	Limit [msec]
Tx Hopping on	38 times / 30 sec. x 30 = 38 times	0.987	37	400

Dwell time



Maximum Peak Output Power

Company	: Panasonic Communications Co.,Ltd.	UL-Apex
Equipment	: Wireless USB Adaptor	Head Office EMC Lab. No.3 Shielded Room
Model	: KX-TGA575	Regulation : Section 15.247(b)(1)
S/N	: 1	Test Distance : -
Power	: AC 120V / 60Hz	Date : 01/17/2006
Mode	: Tx (Hopping off)	Temperature : 21 deg.C.
		Humidity : 33 %
		Engineer : Kenichi Adachi

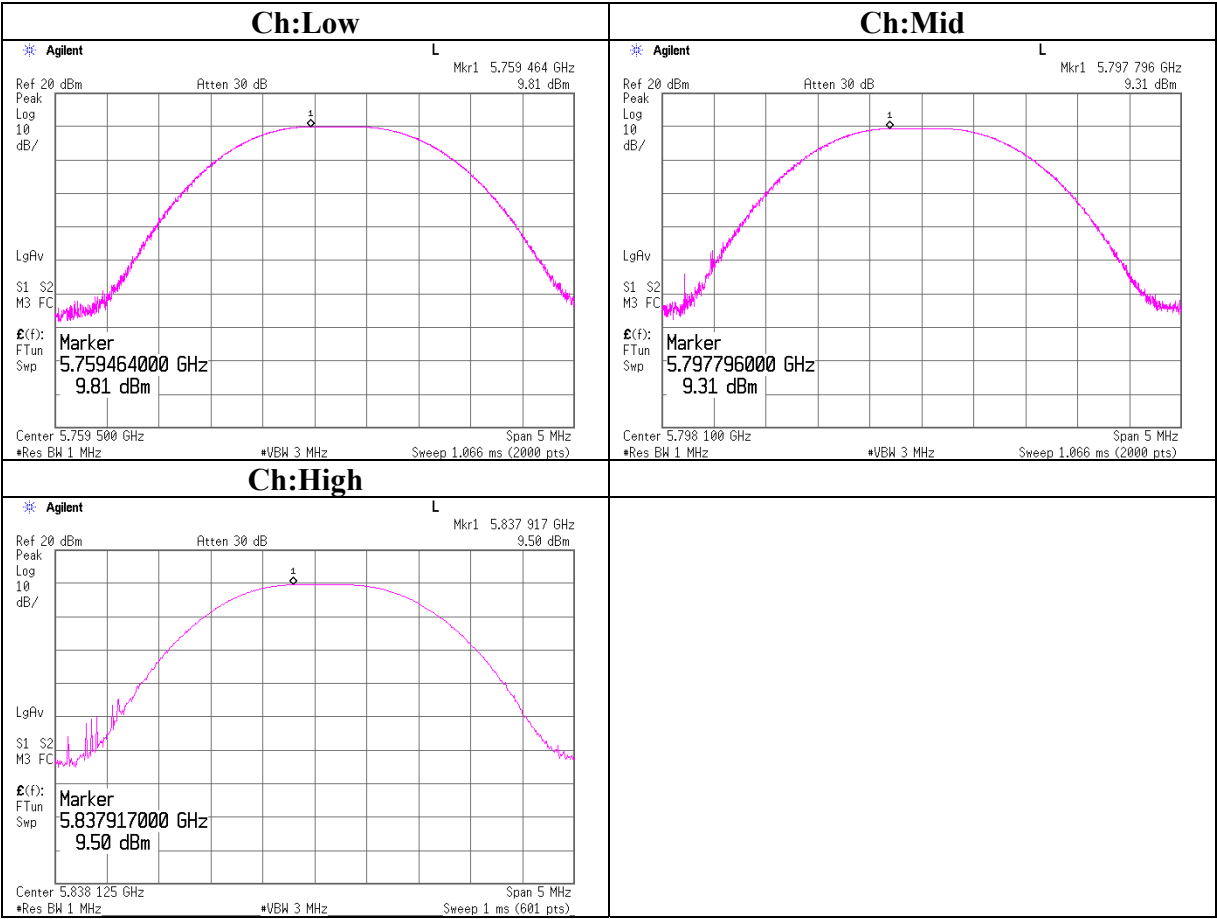
Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	5759.5	9.81	1.20	9.77	20.78	30.00	9.22
Mid	5798.1	9.31	1.21	9.78	20.30	30.00	9.70
High	5838.2	9.50	1.21	9.79	20.50	30.00	9.50

Sample Calculation:

Result = Reading + Cable Loss + Attenuator

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

Maximum Peak Output Power



Radiated Spurious Emission (Tx Low)

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

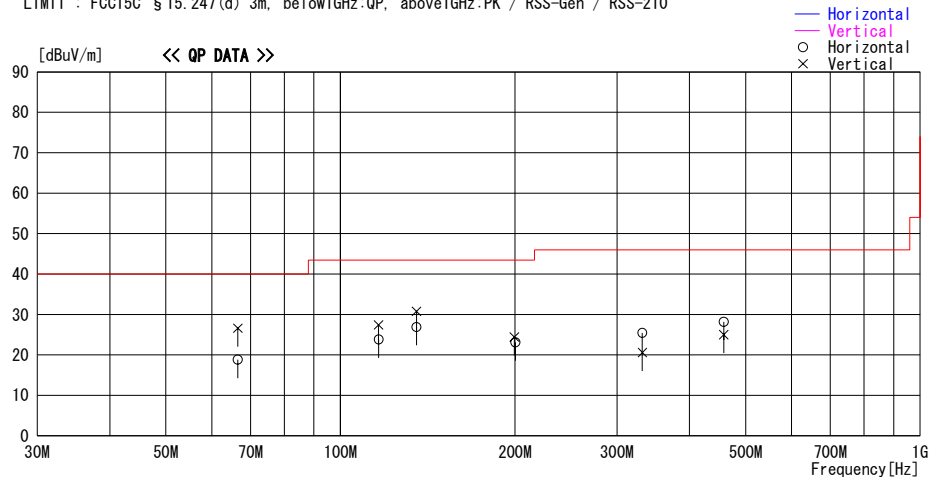
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/19 20:10:59

Company : Panasonic Communications Co., Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless USB Adaptor Power : AC 120V / 60Hz
Model No. : KX-TGA575 Temp./Humi. : 18deg. C. / 30%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chL (5759.7024MHz) Max axis (H:X-axis Ant:0deg, V:Y-axis Ant:0deg)

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK / RSS-Gen / RSS-210



Frequency	Reading	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor	Gain							
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
66.491	34.1	QP	7.1	-22.4	18.8	199	400	Hori.	40.0	21.2	
66.520	41.9	QP	7.1	-22.4	26.6	121	100	Vert.	40.0	13.4	
116.343	37.0	QP	12.1	-21.7	27.4	208	100	Vert.	43.5	16.1	
116.420	33.4	QP	12.1	-21.7	23.8	41	299	Hori.	43.5	19.7	
135.190	33.8	QP	13.9	-20.8	26.9	50	348	Hori.	43.5	16.6	
135.198	37.7	QP	13.9	-20.8	30.8	196	100	Vert.	43.5	12.7	
200.457	26.9	QP	16.6	-20.4	23.1	360	400	Hori.	43.5	20.4	
199.519	28.2	QP	16.6	-20.4	24.4	56	100	Vert.	43.5	19.1	
331.836	24.4	QP	15.4	-19.2	20.6	37	100	Vert.	46.0	25.4	
331.826	29.2	QP	15.4	-19.2	25.4	95	100	Hori.	46.0	20.6	
458.184	30.2	QP	17.8	-19.8	28.2	232	100	Hori.	46.0	17.8	
458.184	27.0	QP	17.8	-19.8	25.0	246	100	Vert.	46.0	21.0	

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

Radiated Spurious Emission (Tx Mid)

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

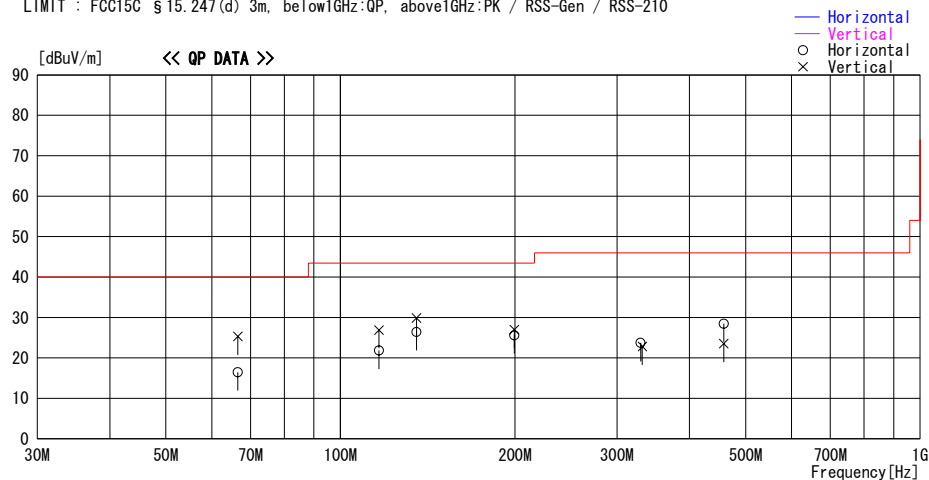
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/19 21:23:34

Company : Panasonic Communications Co., Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless USB Adaptor Power : AC 120V / 60Hz
Model No. : KX-TGA575 Temp./Humi. : 18deg. C. / 30%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chM(5798.05084MHz) Max axis (H:X-axis Ant:0deg, V:Y-axis Ant:0deg)

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK / RSS-Gen / RSS-210



Frequency	Reading	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		Factor	Gain	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
66.473	31.8	QP	7.1	-22.4	16.5	201	400	Hori.	40.0	23.5	
66.501	40.6	QP	7.1	-22.4	25.3	103	100	Vert.	40.0	14.7	
116.567	31.4	QP	12.1	-21.7	21.8	40	296	Hori.	43.5	21.7	
116.558	36.5	QP	12.1	-21.7	26.9	189	100	Vert.	43.5	16.6	
135.190	33.3	QP	13.9	-20.8	26.4	64	192	Hori.	43.5	17.1	
135.190	36.8	QP	13.9	-20.8	29.9	185	100	Vert.	43.5	13.6	
199.474	30.8	QP	16.6	-20.4	27.0	38	100	Vert.	43.5	16.5	
199.566	29.4	QP	16.6	-20.4	25.6	275	400	Hori.	43.5	17.9	
329.318	27.5	QP	15.3	-19.1	23.7	278	100	Hori.	46.0	22.3	
331.825	26.6	QP	15.4	-19.2	22.8	25	100	Vert.	46.0	23.2	
458.185	30.5	QP	17.8	-19.8	28.5	229	100	Hori.	46.0	17.5	
458.182	25.5	QP	17.8	-19.8	23.5	243	100	Vert.	46.0	22.5	

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

Radiated Spurious Emission (Tx High)

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

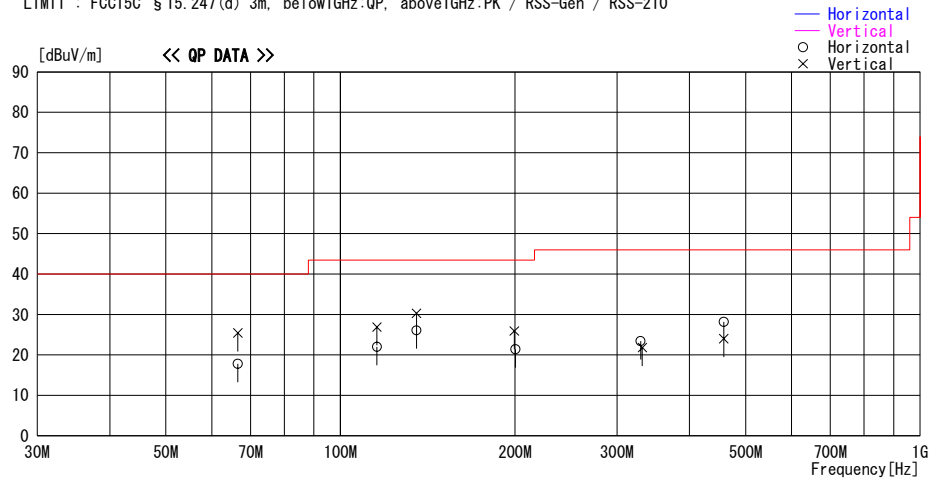
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/19 22:06:47

Company : Panasonic Communications Co., Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless USB Adaptor Power : AC 120V / 60Hz
Model No. : KX-TGA575 Temp./Humi. : 18deg. C. / 30%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chH(5838.18697MHz) Max axis (H:X-axis Ant:0deg, V:Y-axis Ant:0deg)

LIMIT : FCC15C § 15.247(d) 3m, below1GHz:QP, above1GHz:PK / RSS-Gen / RSS-210



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit	Margin	Comment
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]	
66.506	33.1	QP	7.1	-22.4	17.8	199	400	Hori.	40.0	22.2	
66.501	40.7	QP	7.1	-22.4	25.4	113	100	Vert.	40.0	14.6	
115.571	31.7	QP	12.0	-21.7	22.0	214	288	Hori.	43.5	21.5	
115.599	36.6	QP	12.0	-21.7	26.9	211	100	Vert.	43.5	16.6	
135.190	33.0	QP	13.9	-20.8	26.1	71	190	Hori.	43.5	17.4	
135.190	37.2	QP	13.9	-20.8	30.3	206	100	Vert.	43.5	13.2	
199.502	29.7	QP	16.6	-20.4	25.9	16	100	Vert.	43.5	17.6	
200.461	25.2	QP	16.6	-20.4	21.4	350	400	Hori.	43.5	22.1	
329.321	27.2	QP	15.3	-19.1	23.4	287	100	Hori.	46.0	22.6	
331.828	25.6	QP	15.4	-19.2	21.8	47	100	Vert.	46.0	24.2	
458.185	30.2	QP	17.8	-19.8	28.2	265	100	Hori.	46.0	17.8	
458.182	26.0	QP	17.8	-19.8	24.0	231	100	Vert.	46.0	22.0	

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

Radiated Spurious Emission (Tx Low)

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

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless USB Adaptor
Model : KX-TGA575
Sample No. : 2
Power : AC120V / 60Hz (PC Adaptor input)
Mode : Tx 5759.70240MHz
Remarks : Hor : EUT: X-axis, Ant: 0 deg. / Ver : EUT: Y-axis, Ant.: 0 deg.

REPORT NO : 26FE0005-HO
REGULATION : FCC Part15 Subpart C 15.247(d)
TEST DISTANCE : 3m/1m/0.5m
DATE : 01/18/2006
TEMPERATURE : 20deg.C
HUMIDITY : 30%
ENGINEER : Kenichi Adachi

PK DETECT (RBW: 1MHz, VBW: 1MHz)												
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-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	4790.7	52.4	54.2	35.6	31.9	5.4	0.0	61.5	63.3	74.0	12.5	10.7
2	5150.0	41.1	41.8	36.7	31.8	5.6	0.0	51.6	52.3	74.0	22.4	21.7
3*	5301.7	67.3	62.7	36.5	31.8	5.7	0.0	77.7	73.1	74.0	-	-
4	5350.0	41.8	41.9	36.5	31.8	5.7	0.0	52.2	52.3	74.0	21.8	21.7
5*	6217.5	62.1	61.7	36.8	31.5	6.3	0.0	73.7	73.3	74.0	-	-
6	11518.9	44.4	44.6	38.5	31.2	9.1	0.2	60.9	61.1	74.0	13.1	12.9
7*	17279.2	49.6	50.0	46.2	30.9	11.6	4.7	81.2	81.6	74.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	23038.8	46.3	46.4	39.8	30.5	12.9	0.0	59.1	59.2	74.0	14.9	14.8
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	28798.5	-	-	44.5	24.3	6.3	0.0	-	-	74.0	-	-
10	34558.2	50.9	51.0	42.2	24.6	6.1	0.0	59.1	59.2	74.0	14.9	14.8

AV DETECT (RBW: 1MHz, VBW: 10Hz)												
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-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	4790.7	33.0	33.7	35.6	31.9	5.4	0.0	42.1	42.8	54.0	11.9	11.2
2	5150.0	28.1	28.3	36.7	31.8	5.6	0.0	38.6	38.8	54.0	15.4	15.2
3*	5301.7	35.9	35.5	36.5	31.8	5.7	0.0	46.3	45.9	54.0	-	-
4	5350.0	28.5	28.8	36.5	31.8	5.7	0.0	38.9	39.2	54.0	15.1	14.8
5*	6217.5	33.6	33.4	36.8	31.5	6.3	0.0	45.2	45.0	54.0	-	-
6	11518.9	30.3	30.1	38.5	31.2	9.1	0.2	46.8	46.6	54.0	7.2	7.4
7*	17279.2	33.2	33.5	46.2	30.9	11.6	4.7	64.8	65.1	54.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	23038.8	32.4	32.6	39.8	30.5	12.9	0.0	45.2	45.4	54.0	8.8	8.6
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	28798.5	-	-	44.5	24.3	6.3	0.0	-	-	54.0	-	-
10	34558.2	37.5	37.7	42.2	24.6	6.1	0.0	45.7	45.9	54.0	8.3	8.1

* Reference data

20dBc(Fundamental 5759.7MHz) (RBW: 100kHz, VBW: 300kHz)												
No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter or ATT [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	5759.7	94.1	94.6	36.5	31.7	6.0	19.6	124.5	125.0	-	-	-
3	5301.7	66.8	61.7	36.5	31.8	5.7	0.0	77.2	72.2	Funda-20dB	27.3	32.8
5	6217.5	61.1	60.0	36.8	31.5	6.3	0.0	72.7	71.6	Funda-20dB	31.8	33.4
7	17279.2	46.1	47.2	46.2	30.9	11.6	4.7	77.7	78.9	Funda-20dB	26.8	26.1

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

Test Distance 0.5m : Distance Factor(Dfac) = 20log(3/0.5) = 15.6dB

*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

Radiated Spurious Emission (Tx Mid)

Company : Panasonic Communications Co.,Ltd. Equipment : Wireless USB Adaptor Model : KX-TGA575 Sample No. : 2 Power : AC120V / 60Hz (PC Adaptor input) Mode : Tx 5798.05084MHz Remarks : Hor : EUT: X-axis, Ant: 0 deg. / Ver : EUT: Y-axis, Ant.: 0 deg.	UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber REPORT NO : 26FE0005-HO REGULATION : FCC Part15 Subpart C 15.247(d) TEST DISTANCE : 3m/1m/0.5m DATE : 01/18/2006 TEMPERATURE : 20deg C HUMIDITY : 30% ENGINEER : Kenichi Adachi
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PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-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	4867.5	50.8	48.8	36.1	31.9	5.4	0.0	60.4	58.4	74.0	13.6	15.6
2*	5224.2	54.4	53.9	36.6	31.8	5.7	0.0	64.9	64.4	74.0	-	-
3	11595.6	43.2	43.7	38.8	31.2	9.2	0.2	60.1	60.6	74.0	13.9	13.4
4*	17393.8	48.4	47.5	46.2	31.0	11.7	5.5	80.8	79.9	74.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	23192.2	46.5	46.2	39.8	30.5	12.9	0.0	59.3	59.0	74.0	14.7	15.0
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	28990.3	-	-	44.5	24.4	6.3	0.0	-	-	74.0	-	-
7	34788.3	50.5	50.7	43.3	24.5	6.3	0.0	60.1	60.3	74.0	14.0	13.8

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-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	4867.5	32.5	31.7	36.1	31.9	5.4	0.0	42.1	41.3	54.0	11.9	12.7
2*	5224.2	33.1	33.0	36.6	31.8	5.7	0.0	43.6	43.5	54.0	-	-
3	11595.6	30.0	29.7	38.8	31.2	9.2	0.2	46.9	46.6	54.0	7.1	7.4
4*	17393.8	33.3	33.6	46.2	31.0	11.7	5.5	65.7	66.0	54.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	23192.2	32.3	32.2	39.8	30.5	12.9	0.0	45.1	45.0	54.0	8.9	9.0
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	28990.3	-	-	44.5	24.4	6.3	0.0	-	-	54.0	-	-
7	34788.3	37.4	37.5	43.3	24.5	6.3	0.0	47.0	47.1	54.0	7.1	7.0

* Reference data

20dBc(Fundamental 5759.7MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter or ATT [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	5797.9	93.8	94.5	36.6	31.7	6.0	19.6	124.3	125.0	-	-	-
2	5224.2	52.3	52.0	36.6	31.8	5.7	0.0	62.7	62.5	Funda-20dB	41.6	42.5
4	17393.8	41.8	43.0	46.2	31.0	11.7	5.5	74.2	75.4	Funda-20dB	30.1	29.6

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

Test Distance 0.5m : Distance Factor(Dfac) = 20log(3/0.5) = 15.6dB

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

Radiated Spurious Emission (Tx High)

Company : Panasonic Communications Co.,Ltd. Equipment : Wireless USB Adaptor Model : KX-TGA575 Sample No. : 2 Power : AC120V / 60Hz (PC Adaptor input) Mode : Tx 5838.18697MHz Remarks : Hor : EUT: X-axis, Ant: 0 deg. / Ver : EUT: Y-axis, Ant.: 0 deg.	UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber REPORT NO : 26FE0005-HO REGULATION : FCC Part15 Subpart C 15.247(d) TEST DISTANCE : 3m/1m/0.5m DATE : 01/18/2006 TEMPERATURE : 20deg.C HUMIDITY : 30% ENGINEER : Kenichi Adachi
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PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-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	4948.3	54.1	53.4	36.1	31.9	5.4	0.0	63.7	63.0	74.0	10.3	11.0
2*	5437.7	56.8	57.4	36.6	31.8	5.7	0.0	67.3	67.9	74.0	-	-
3	11675.7	43.4	43.9	39.1	31.2	9.2	0.3	60.7	61.2	74.0	13.3	12.8
4*	17513.8	50.5	46.6	46.2	31.1	11.8	6.2	83.7	79.8	74.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	23352.7	46.5	46.2	39.8	30.5	12.9	0.0	59.3	59.0	74.0	14.7	15.0
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	29190.9	-	-	44.5	24.4	6.2	0.0	-	-	74.0	-	-
7	35029.1	51.2	51.5	44.4	24.4	6.5	0.0	62.0	62.3	74.0	12.0	11.7

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

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-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	4948.3	33.9	33.1	36.1	31.9	5.4	0.0	43.5	42.7	54.0	10.5	11.3
2*	5437.7	32.6	31.5	36.6	31.8	5.7	0.0	43.1	42.0	54.0	-	-
3	11675.7	29.4	29.7	39.1	31.2	9.2	0.3	46.7	47.0	54.0	7.3	7.0
4*	17513.8	34.6	32.9	46.2	31.1	11.8	6.2	67.8	66.1	54.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	23352.7	32.1	32.0	39.8	30.5	12.9	0.0	44.9	44.8	54.0	9.1	9.2
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	29190.9	-	-	44.5	24.4	6.2	0.0	-	-	54.0	-	-
7	35029.1	37.7	37.8	44.4	24.4	6.5	0.0	48.5	48.6	54.0	5.5	5.4

* Reference data

20dBc(Fundamental 5759.7MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ [MHz]	S/A READING		ANT Factor [dB/m]	AMP GAIN [dB]	CABLE LOSS [dB]	Band-Pass Filter or ATT [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	5838.4	94.1	93.9	36.6	31.7	6.1	19.6	124.6	124.4	-	-	-
2	5437.7	54.8	53.3	36.6	31.8	5.7	0.0	65.3	63.8	Funda-20dB	39.4	40.7
4	17513.8	47.2	41.5	46.2	31.1	11.8	6.2	80.4	74.7	Funda-20dB	24.3	29.8

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

Test Distance 0.5m : Distance Factor(Dfac) = 20log(3/0.5) = 15.6dB

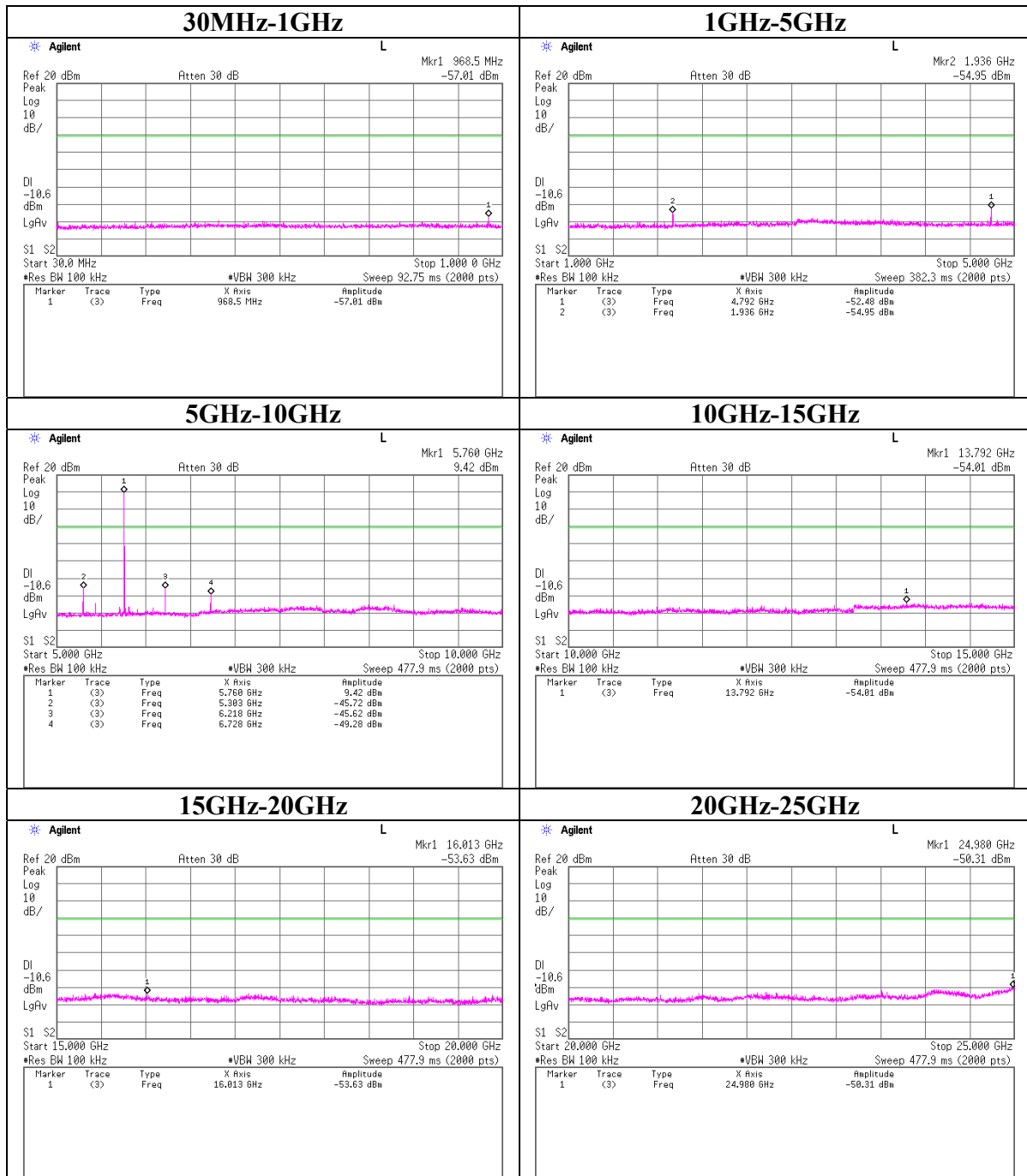
*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*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.

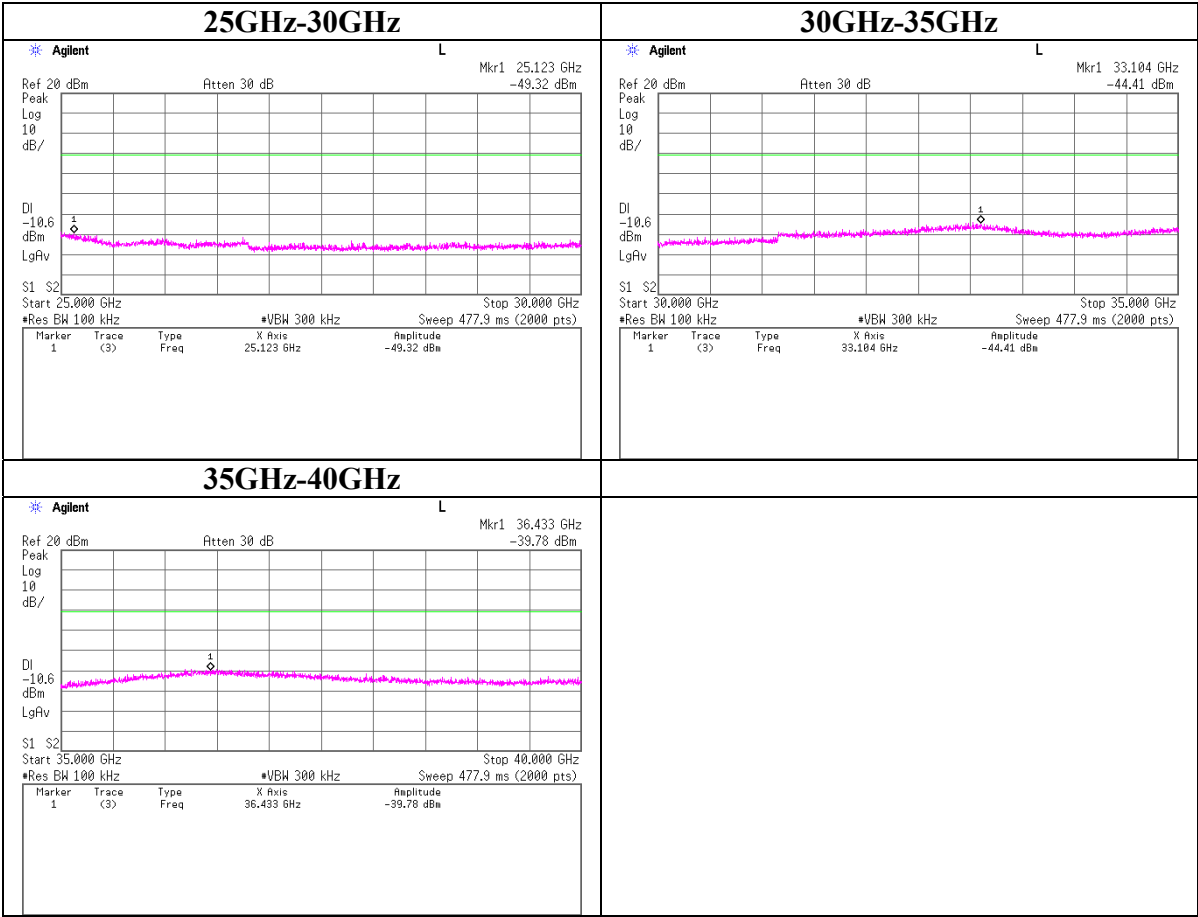
*Hi-Pass Fiter was not used for factor 0.0dB of the above table.

Conducted Spurious Emission
Ch:Low



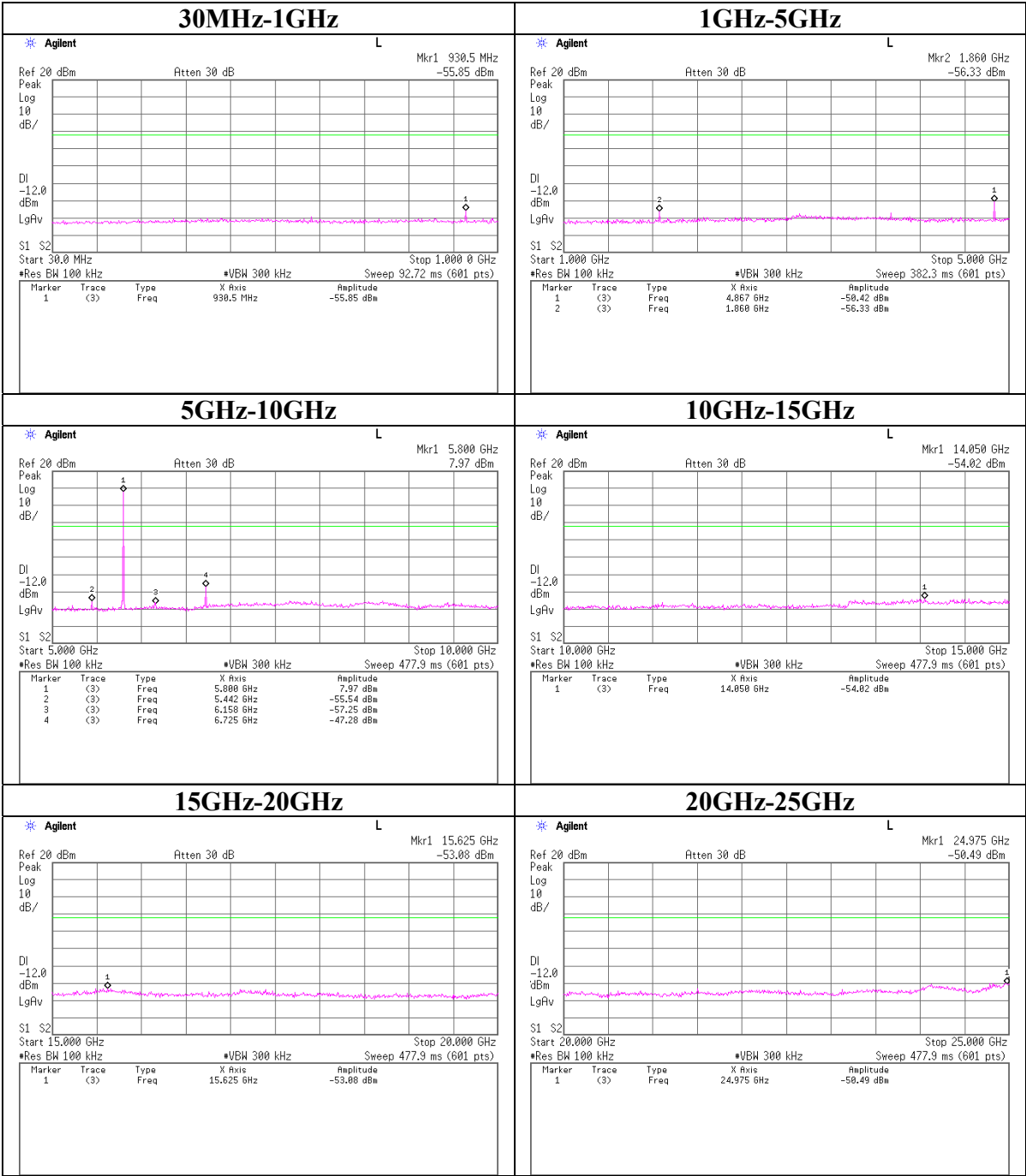
Conducted Spurious Emission

Ch:Low



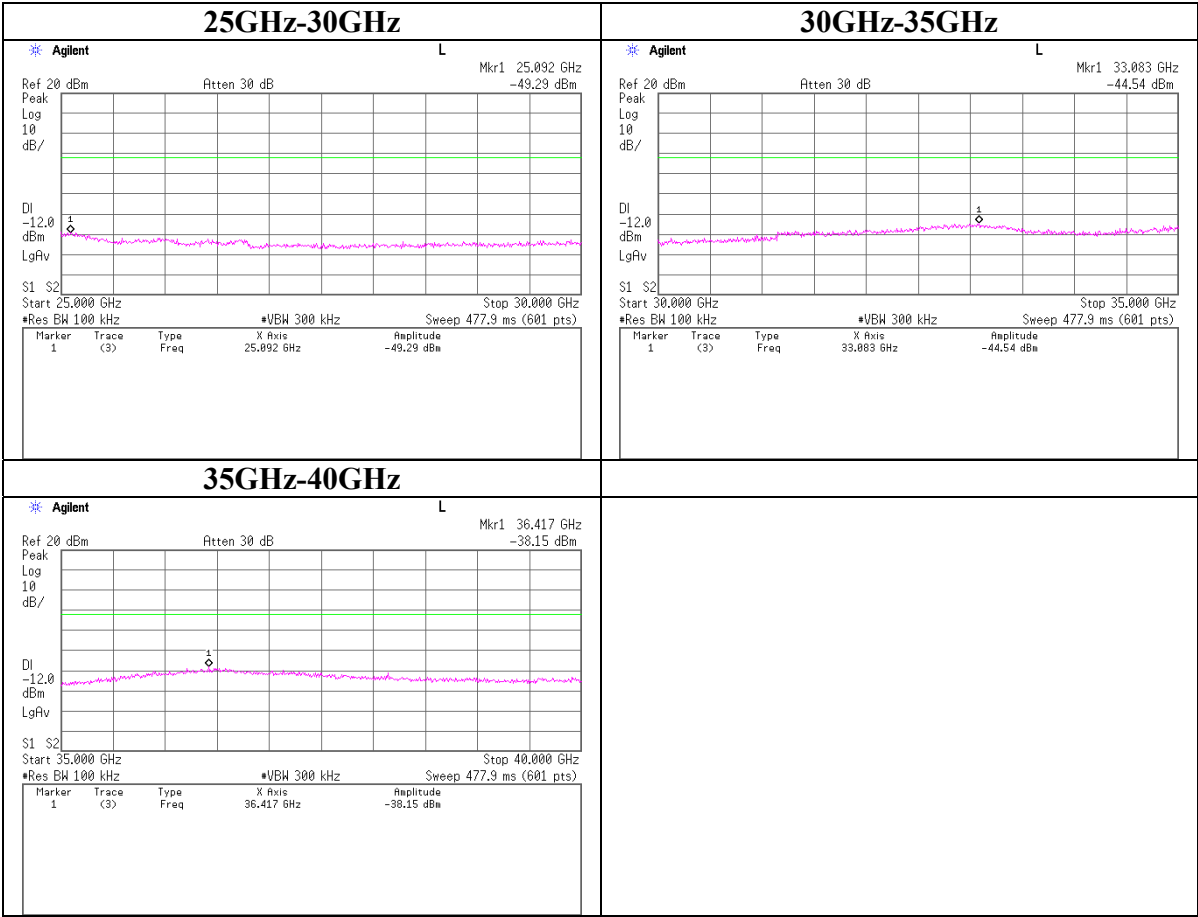
Conducted Spurious Emission

Ch:Mid

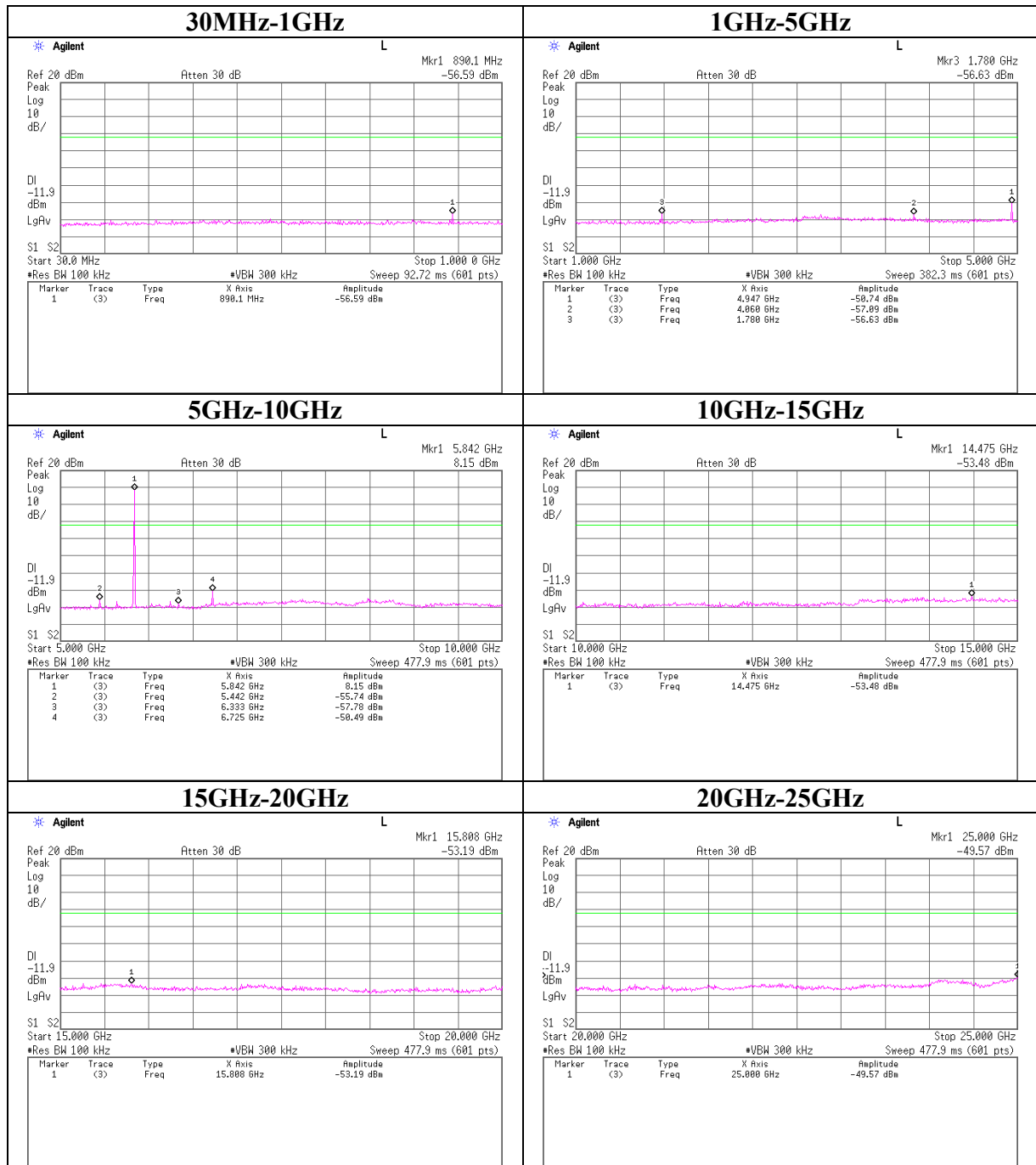


Conducted Spurious Emission

Ch:Mid

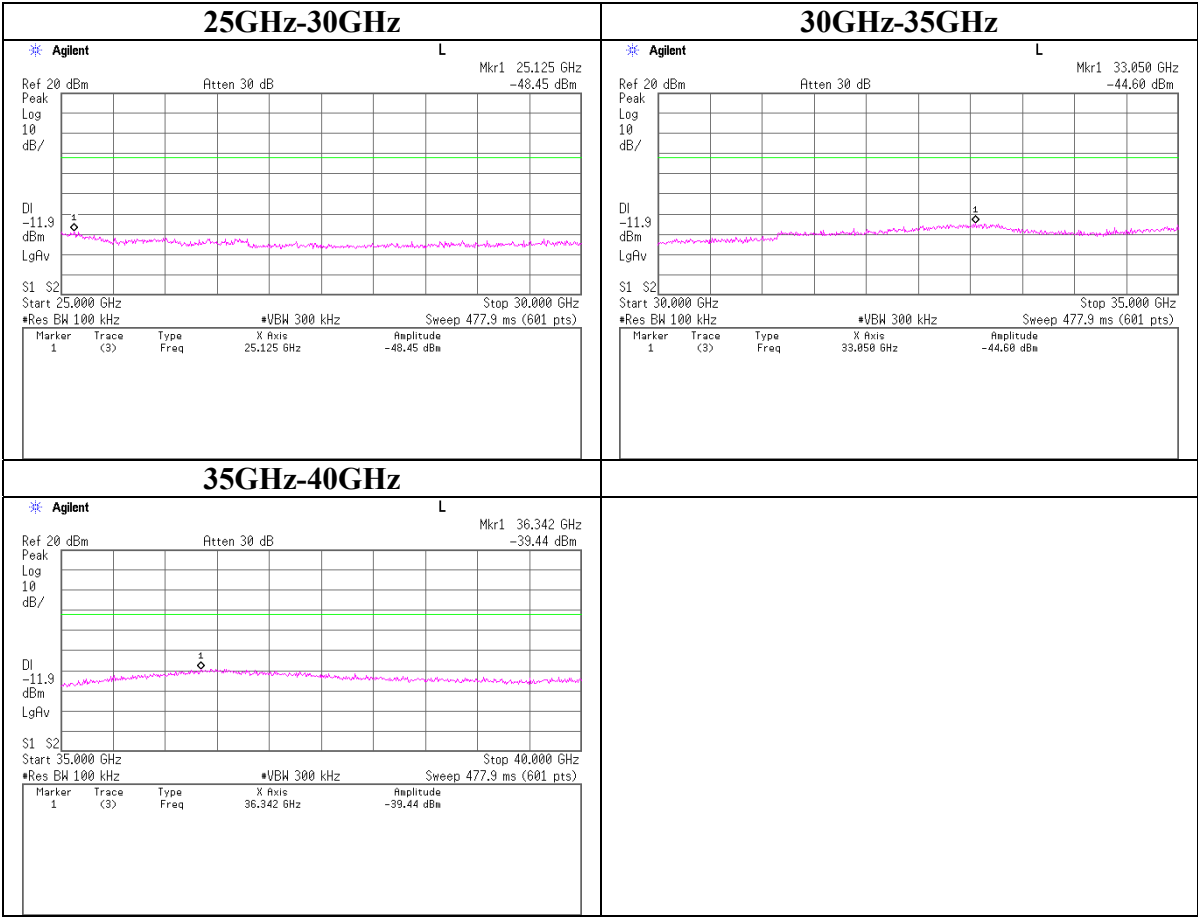


Conducted Spurious Emission
Ch:High



Conducted Spurious Emission

Ch:High



Conducted Spurious Emission
Band Edge compliance

