



RADIO TEST REPORT

Test Report No. : 26FE0005-HO-1

Applicant : Panasonic Communications Co., Ltd.
Type of Equipment : Wireless Camera
Model No. : KX-TGA573
FCC ID : ACJ96NKX-TGA573
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: T. Shimada
Takumi Shimada
EMC Services

K. Adachi
Kenichi Adachi
EMC Services

Approved by: H. Shimizu
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Group Leader of
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UL Apex Co., Ltd.

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 Camera
Model No.	KX-TGA573
Serial No.	1 (for Antenna terminal conducted emissions) 2 (for Radiated emissions and Conducted emissions)
Country of Manufacture	Japan
Rating	AC120V 60Hz (AC Adaptor: PQLV235)
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	5/8 lambda Pattern-Antenna
Antenna Connector Type	N/A
Antenna Gain	2.0dBi (Typ.)
Mode of Operation	Duplex
ITU code	F1D
Power Supply (RF Part)	DC 4.0V
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	7.6dB 0.66678MHz, 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) 2.6dB, 5301MHz, Ver (PK)

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 ± 1.3 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 ± 4.5 dB(3m)/ ± 4.7 dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is ± 5.2 dB(3m)/ ± 3.8 dB(10m).
The measurement uncertainty (with a 95% confidence level) for this test using Horn antenna is ± 6.6 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 ± 3.0 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

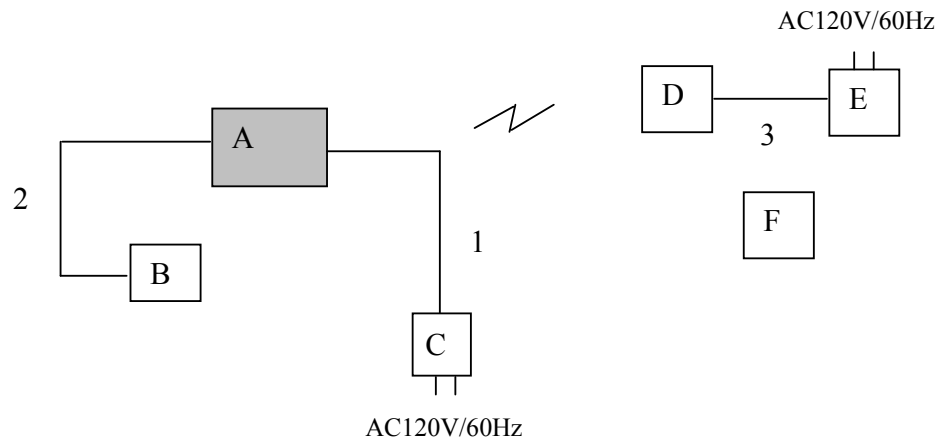
Refer to APPENDIX 1 to 3.

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 Camera	KX-TGA573	1 (for Antenna terminal conducted emissions) 2 (for Radiated and Conducted emissions)	Panasonic Communications	EUT
B	Remote Controller	-	-	Panasonic Communications	-
C	AC Adaptor	PQLV235	0542	Panasonic Communications	-
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	DC Cable	3.0	N	-
2	Signal Cable	3.0	N	-
3	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

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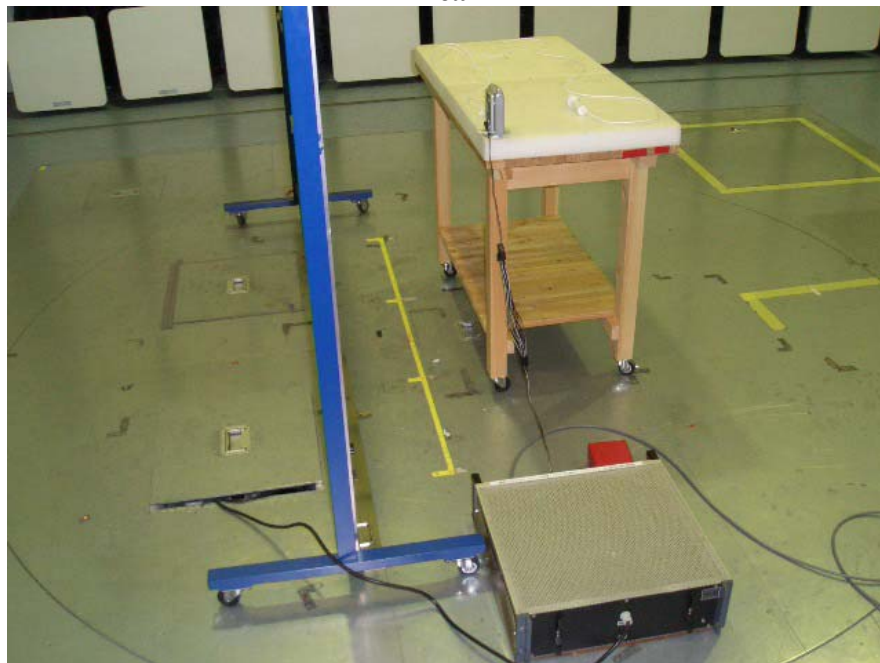
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APPENDIX 1: Photographs of test setup

Conducted Emission
Front



Rear



Spurious Emission (Radiated)

Front



Rear



Worst Case Position (Horizontal: Z-axis/ Vertical: Y-axis)

X-axis



Y-axis



Z-axis



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)(above1GHz)	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 01:44:59

Company	: Panasonic Communications Co.,Ltd.	Report No.	: 26FE0005-HO
Kind of EUT	: Wireless Camera	Power	: AC 120V / 60Hz
Model No.	: KX-TGA573	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)

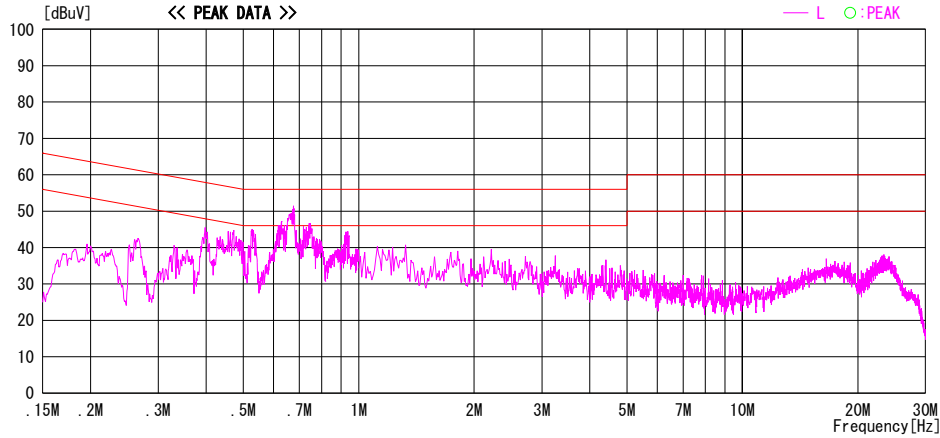
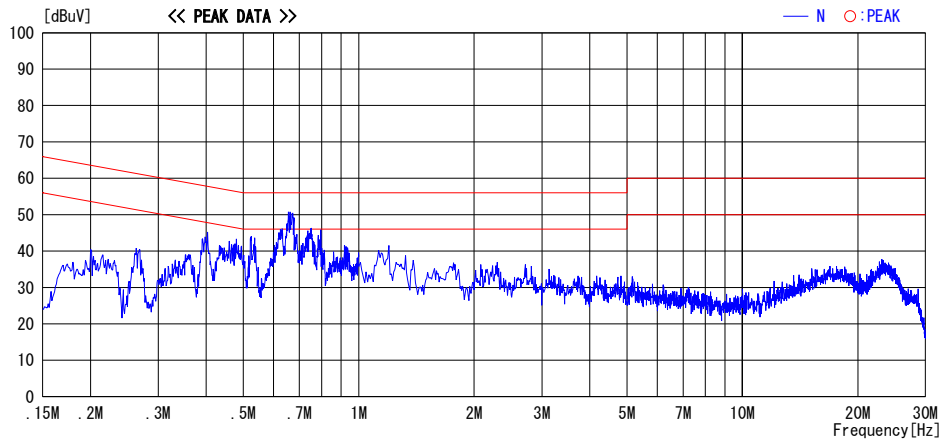


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCURATION: RESULT=READING+C.F(LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2006/01/20 01:52:46

Company	: Panasonic Communications Co.,Ltd.	Report No.	: 26FE0005-HO
Kind of EUT	: Wireless Camera	Power	: AC 120V / 60Hz
Model No.	: KX-TGA573	Temp./Humi.	: 18deg. C / 30%
Serial No.	: 2	Operator	: Takumi Shimada

Mode / Remarks : Tx chM (5798.05084MHz)

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

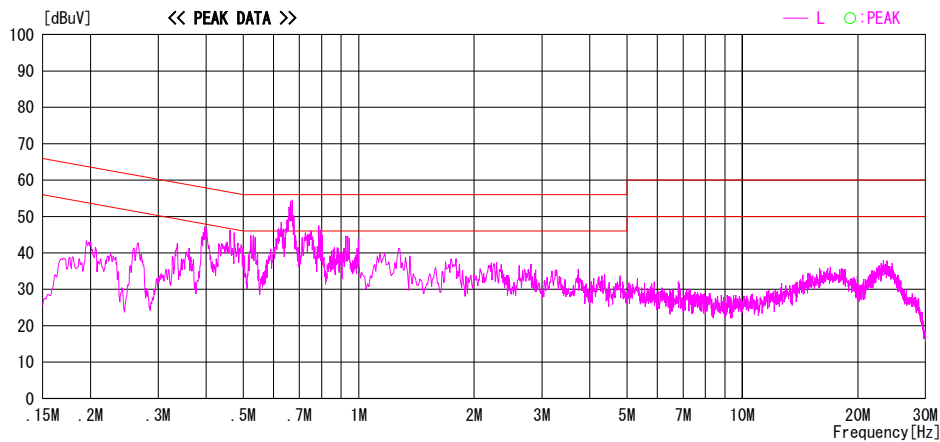
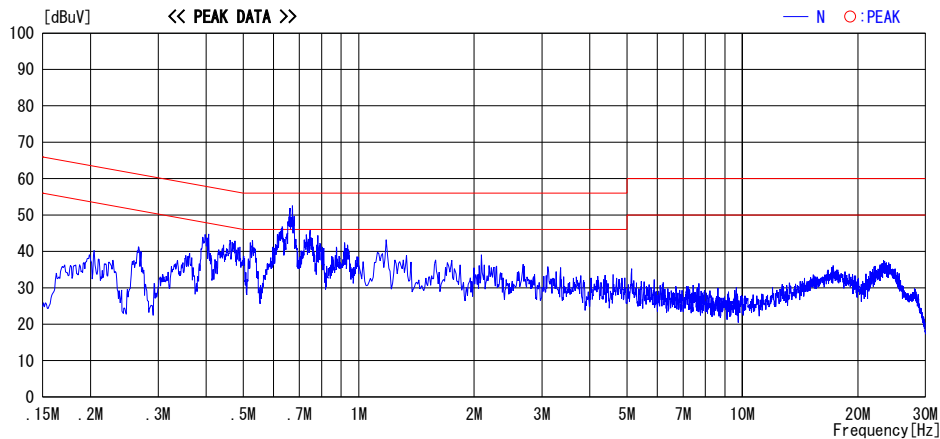


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCURATION: RESULT=READING+C. F(LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2006/01/20 02:03:36

Company : Panasonic Communications Co.,Ltd.	Report No. : 26FE0005-HO
Kind of EUT : Wireless Camera	Power : AC 120V / 60Hz
Model No. : KX-TGA573	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)

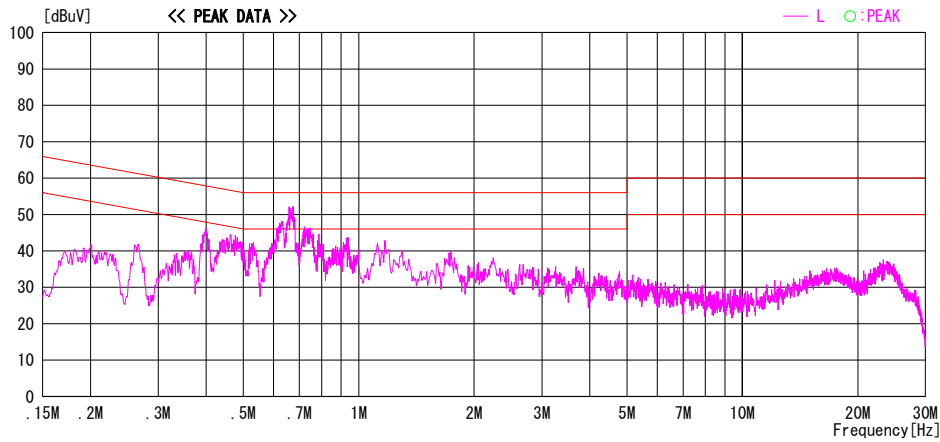
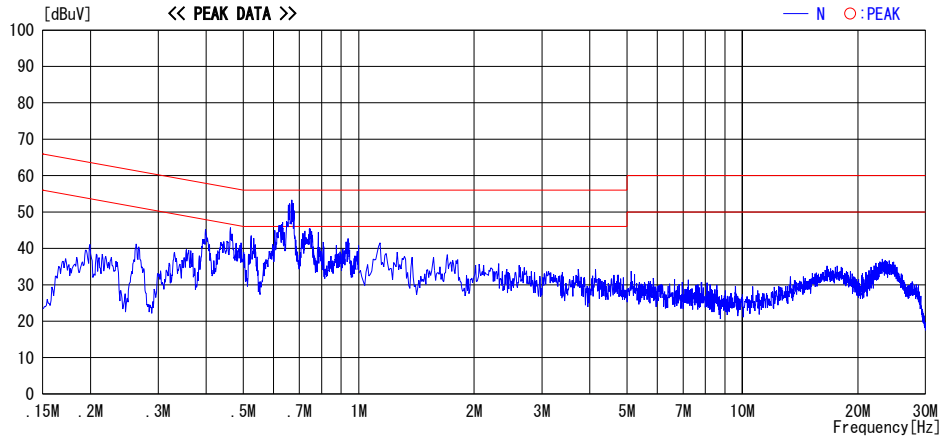


CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCURATION: RESULT=READING+C. F(LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

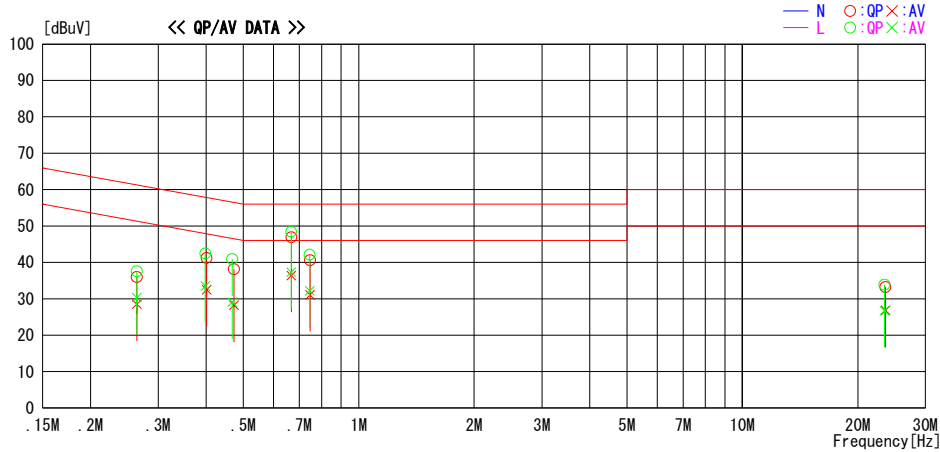
DATA OF CONDUCTED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/20 02:03:36

Company : Panasonic Communications Co.,Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless Camera Power : AC 120V / 60Hz
Model No. : KX-TGA573 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 [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.26403	35.9	28.4	0.1	36.0	28.5	61.3	51.3	25.3	22.8	N	
0.40134	41.1	32.4	0.1	41.2	32.5	57.8	47.8	16.6	15.3	N	
0.47282	38.0	28.1	0.1	38.1	28.2	56.5	46.5	18.4	18.3	N	
0.66730	46.7	36.2	0.2	46.9	36.4	56.0	46.0	9.1	9.6	N	
0.74651	40.3	30.8	0.3	40.6	31.1	56.0	46.0	15.4	14.9	N	
23.59199	31.2	24.8	2.0	33.2	26.8	60.0	50.0	26.8	23.2	N	
0.26388	37.5	30.2	0.1	37.6	30.3	61.3	51.3	23.7	21.0	L	
0.39815	42.3	33.4	0.1	42.4	33.5	57.9	47.9	15.5	14.4	L	
0.46803	40.8	29.0	0.1	40.9	29.1	56.5	46.5	15.6	17.4	L	
0.66678	48.2	37.1	0.2	48.4	37.3	56.0	46.0	7.6	8.7	L	*
0.74476	41.8	31.9	0.3	42.1	32.2	56.0	46.0	13.9	13.8	L	
23.45761	31.9	24.7	2.0	33.9	26.7	60.0	50.0	26.1	23.3	L	

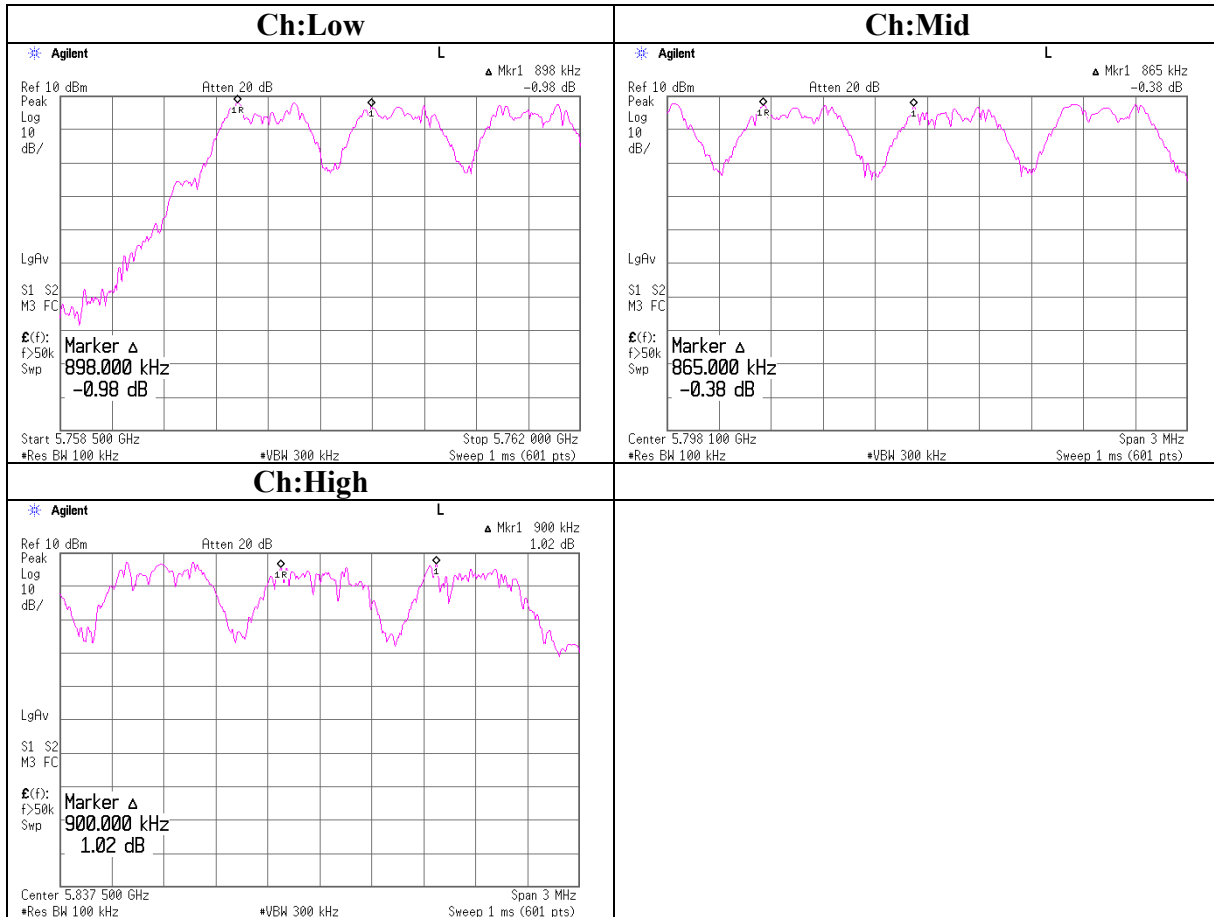
CHART: WITH FACTOR, Peak hold data. Data is uncorrected. CALCURATION: RESULT=READING+C. F(LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Carrier Frequency Separation

Company : Panasonic Communications Co.,Ltd. UL-Apex
Equipment : Wireless Camera Head Office EMC Lab. No.3 Shielded Room
Model : KX-TGA573 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	0.898	>20dB Bandwidth and 25[kHz]
Mid	5798.1	0.865	>20dB Bandwidth and 25[kHz]
High	5838.2	0.900	>20dB Bandwidth and 25[kHz]

Carrier Frequency Separation



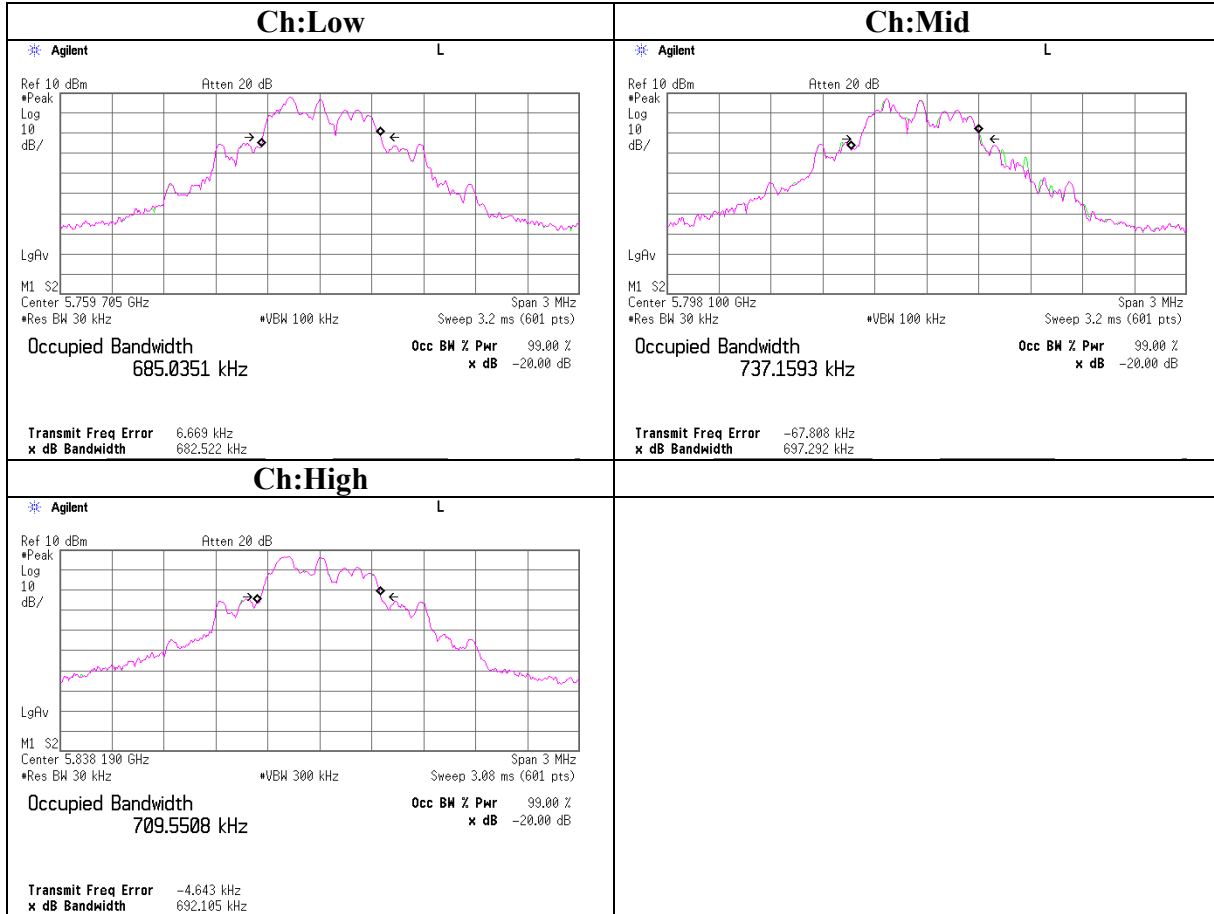
20dB Bandwidth

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless Camera
Model : KX-TGA573
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. [MHz]	20dB Bandwidth [MHz]	Limit [MHz]
Low	5759.5	0.683	≤ 1
Mid	5798.1	0.697	≤ 1
High	5838.2	0.692	≤ 1

20dB Bandwidth

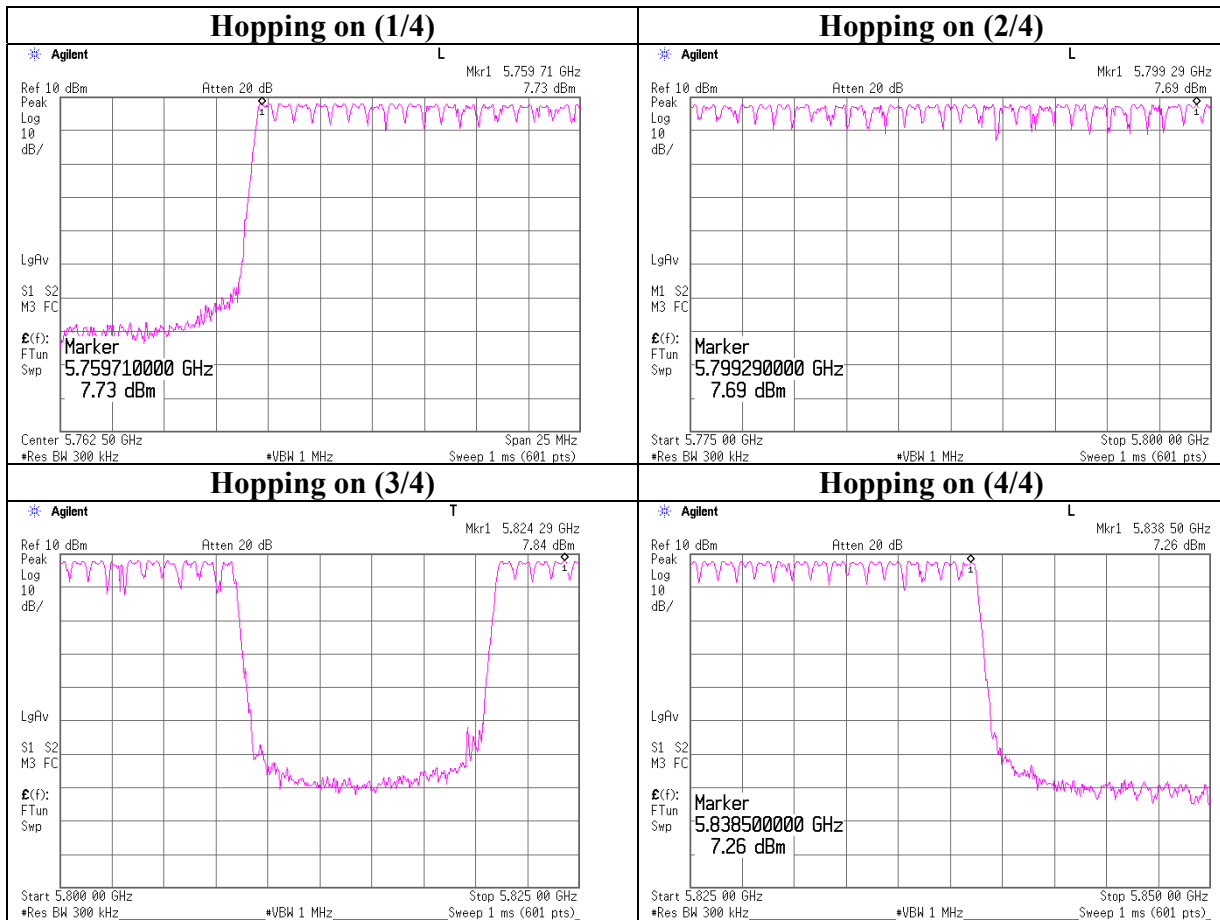


Number of Hopping Frequency

Company	: Panasonic Communications Co.,Ltd.	UL-Apex
Equipment	: Wireless Camera	Head Office EMC Lab. No.3 Shielded Room
Model	: KX-TGA573	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 channel [time]	Limit [time]
Tx(Hoppng on)	75	≥ 75

Number of Hopping Frequency



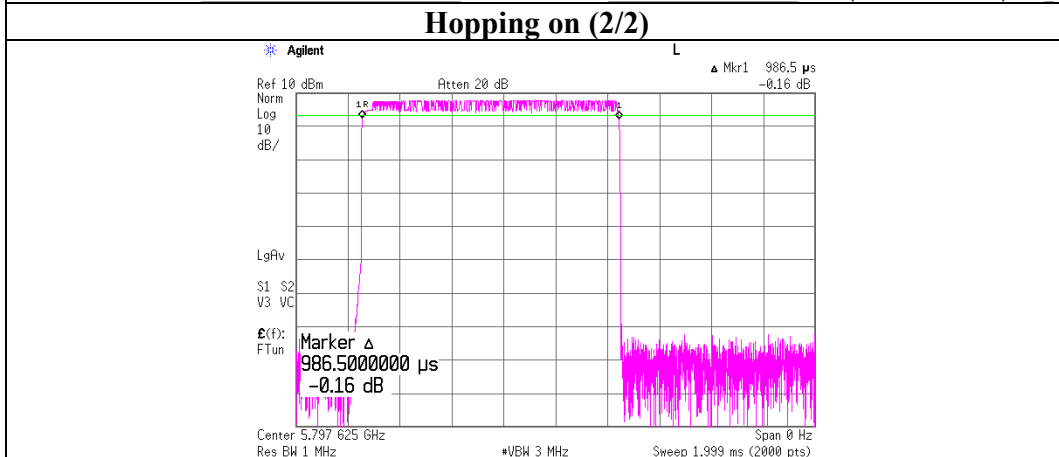
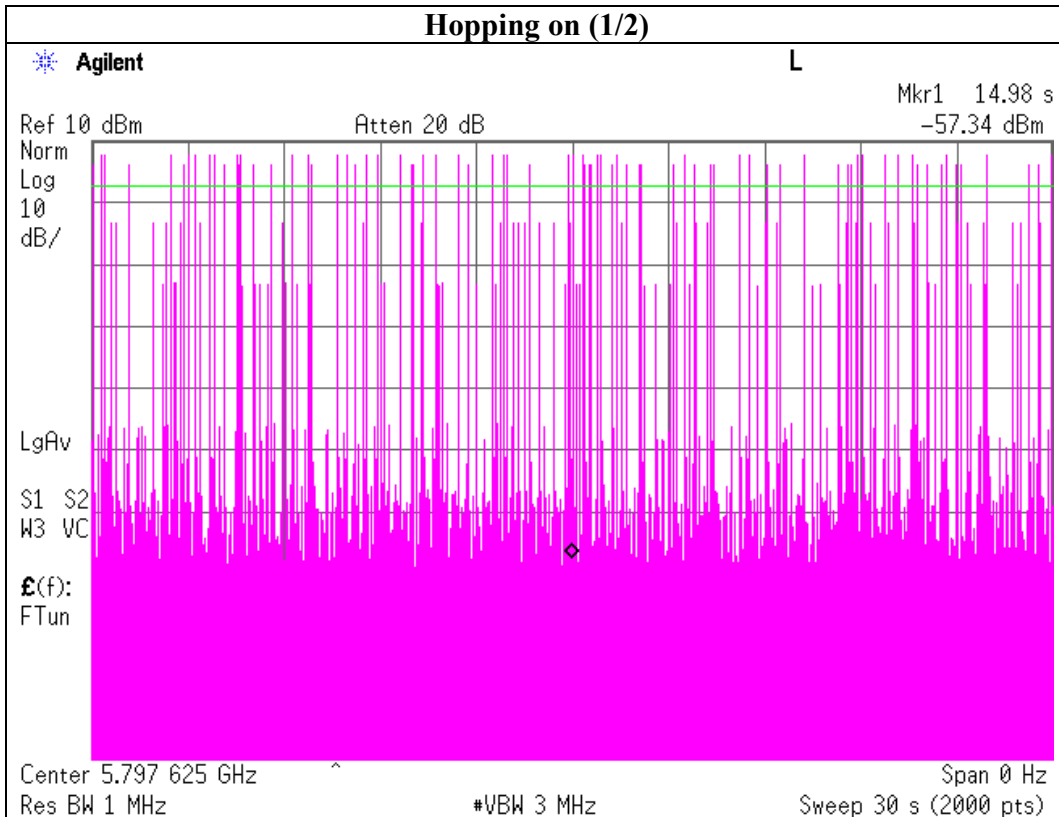
Dwell time

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless Camera
Model : KX-TGA573
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 transmission in a 30sec	Length of transmission time [msec]	Result [msec]	Limit [msec]
Tx Hopping on	68 times / 30 sec. x 30 = 68 times	0.987	67	400

Dwell time



Maximum Peak Output Power

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless Camera
Model : KX-TGA573
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(b)(1)
Test Distance : -
Date : 01/17/2006
Temperature : 21 deg.C.
Humidity : 33 %
Engineer : Kenichi Adachi

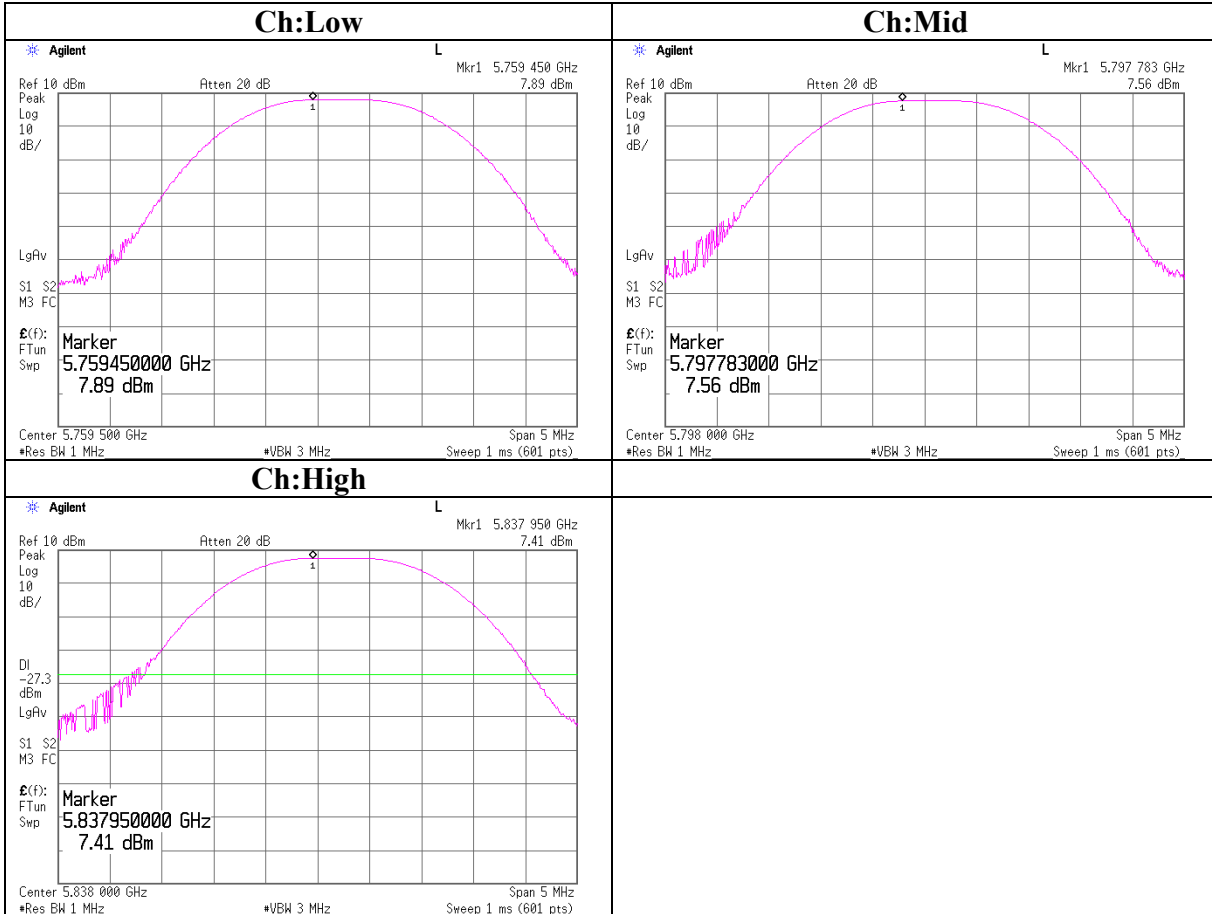
Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result [dBm]	Limit [dBm]	Margin [dB]
Low	5759.5	7.89	1.20	9.77	18.86	30.00	11.14
Mid	5798.1	7.56	1.21	9.78	18.55	30.00	11.45
High	5838.2	7.41	1.21	9.79	18.41	30.00	11.59

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.

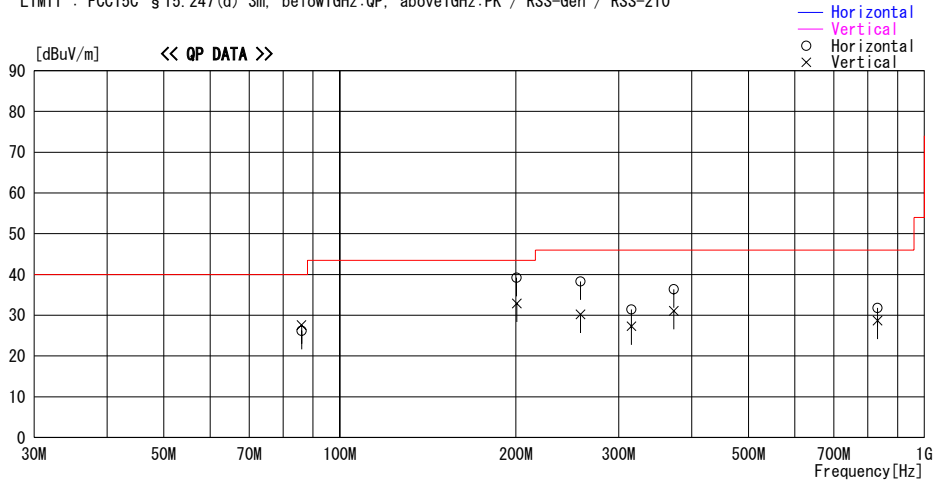
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/18 23:14:12

Company : Panasonic Communications Co.,Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless Camera Power : AC 120V / 60Hz
Model No. : KX-TGA573 Temp./Humi. : 19deg.C / 31%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chL(5759.7024MHz) Max axis (H:Z-axis , V:Y-axis)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain						
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
86.022	40.8	QP	7.3	-21.9	26.2	360	400	Hori.	40.0	13.8
86.018	42.2	QP	7.3	-21.9	27.6	187	100	Vert.	40.0	12.4
200.709	43.0	QP	16.6	-20.4	39.2	312	169	Hori.	43.5	4.3
200.712	36.7	QP	16.6	-20.4	32.9	296	100	Vert.	43.5	10.6
258.053	40.9	QP	17.6	-20.2	38.3	360	131	Hori.	46.0	7.7
258.057	32.8	QP	17.6	-20.2	30.2	29	100	Vert.	46.0	15.8
315.397	35.8	QP	14.7	-19.1	31.4	20	100	Hori.	46.0	14.6
315.402	31.7	QP	14.7	-19.1	27.3	227	100	Vert.	46.0	18.7
372.745	39.3	QP	16.9	-19.8	36.4	50	100	Hori.	46.0	9.6
372.743	34.0	QP	16.9	-19.8	31.1	164	100	Vert.	46.0	14.9
831.505	28.8	QP	21.2	-18.2	31.8	264	100	Hori.	46.0	14.2
831.503	25.7	QP	21.2	-18.2	28.7	44	100	Vert.	46.0	17.3

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.

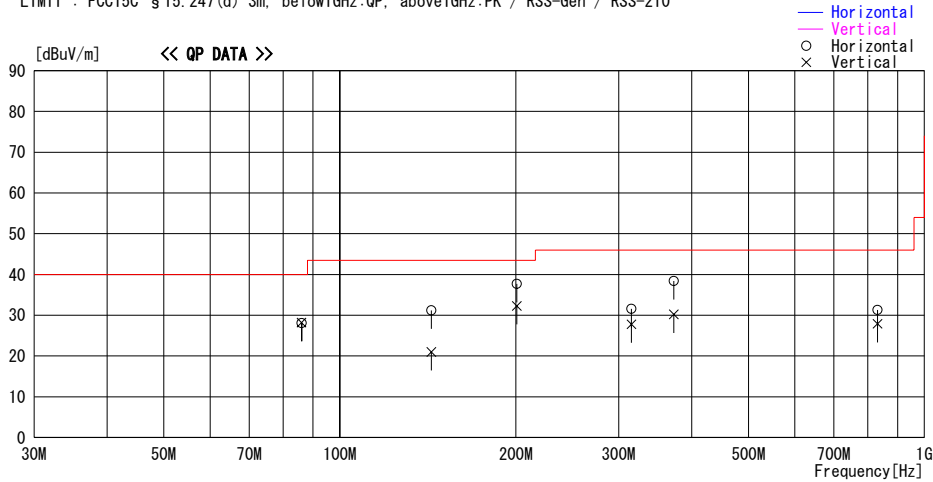
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/19 02:34:29

Company : Panasonic Communications Co.,Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless Camera Power : AC 120V / 60Hz
Model No. : KX-TGA573 Temp./Humi. : 19deg.C / 31%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chM(5798.05084MHz) Max axis (H:Z-axis, V:Y-axis)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain						
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
86.022	42.7	QP	7.3	-21.9	28.1	361	248	Hori.	40.0	11.9
86.021	42.8	QP	7.3	-21.9	28.2	115	100	Vert.	40.0	11.8
143.364	37.6	QP	14.5	-20.9	31.2	142	222	Hori.	43.5	12.3
143.360	27.4	QP	14.5	-20.9	21.0	271	100	Vert.	43.5	22.5
200.711	41.5	QP	16.6	-20.4	37.7	318	162	Hori.	43.5	5.8
200.710	36.1	QP	16.6	-20.4	32.3	275	100	Vert.	43.5	11.2
315.401	36.0	QP	14.7	-19.1	31.6	273	100	Hori.	46.0	14.4
315.402	32.2	QP	14.7	-19.1	27.8	239	100	Vert.	46.0	18.2
372.744	41.3	QP	16.9	-19.8	38.4	321	100	Hori.	46.0	7.6
372.744	33.1	QP	16.9	-19.8	30.2	173	100	Vert.	46.0	15.8
831.503	28.3	QP	21.2	-18.2	31.3	321	100	Hori.	46.0	14.7
831.505	24.9	QP	21.2	-18.2	27.9	270	100	Vert.	46.0	18.1

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

**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.

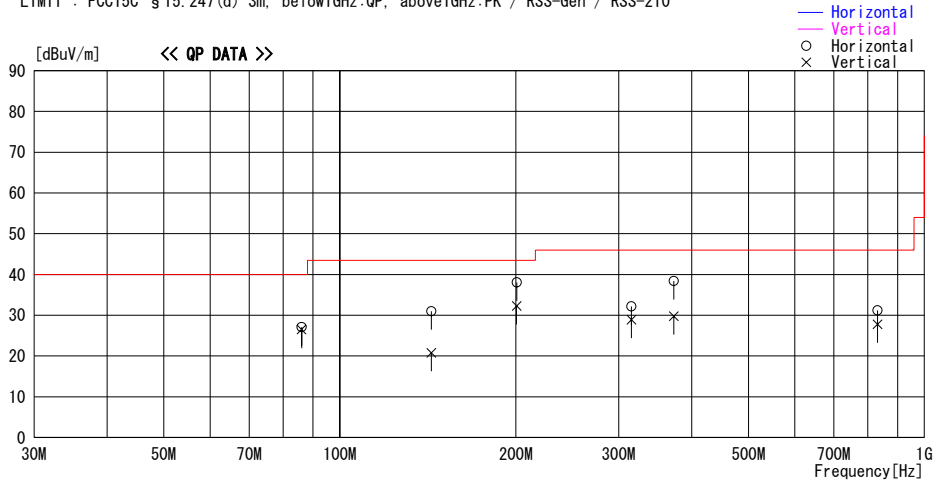
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2006/01/19 01:42:03

Company : Panasonic Communications Co.,Ltd. Report No. : 26FE0005-HO
Kind of EUT : Wireless Camera Power : AC 120V / 60Hz
Model No. : KX-TGA573 Temp./Humi. : 19deg.C / 31%
Serial No. : 2 Operator : Takumi Shimada

Mode / Remarks : Tx chH(5838.18697MHz) Max axis (H:Z-axis, V:Y-axis)

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



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin
			Factor	Gain						
			[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
86.023	41.7	QP	7.3	-21.9	27.1	360	400	Hori.	40.0	12.9
86.021	41.1	QP	7.3	-21.9	26.5	191	100	Vert.	40.0	13.5
143.366	37.4	QP	14.5	-20.9	31.0	131	212	Hori.	43.5	12.5
143.366	27.2	QP	14.5	-20.9	20.8	136	100	Vert.	43.5	22.7
200.711	41.9	QP	16.6	-20.4	38.1	219	155	Hori.	43.5	5.4
200.708	36.1	QP	16.6	-20.4	32.3	265	100	Vert.	43.5	11.2
315.400	36.6	QP	14.7	-19.1	32.2	273	100	Hori.	46.0	13.8
315.401	33.3	QP	14.7	-19.1	28.9	220	100	Vert.	46.0	17.1
372.745	41.3	QP	16.9	-19.8	38.4	319	100	Hori.	46.0	7.6
372.744	32.7	QP	16.9	-19.8	29.8	172	100	Vert.	46.0	16.2
831.505	28.2	QP	21.2	-18.2	31.2	326	100	Hori.	46.0	14.8
831.506	24.8	QP	21.2	-18.2	27.8	278	100	Vert.	46.0	18.2

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)

**Radiated Spurious Emission
(Tx Low)**

Company	: Panasonic Communications Co.,Ltd.	UL Apex Co., Ltd.	Head Office EMC Lab. No.2 Semi Anechoic Chamber
Equipment	: Wireless Camera	REPORT NO	: 26FE0005-HO
Model	: KX-TGA573	REGULATION	: FCC Part15 Subpart C 15.247(d)
Sample No.	: 2	TEST DISTANCE	: 3m/1m/0.5m
Power	: AC120V / 60Hz (PC Adaptor input)	DATE	: 01/17/2006 01/18/2006
Mode	: Tx 5759.70240MHz	TEMPERATURE	: 23deg.C 20 deg.C.
Remarks	: Hor : Z-axis / Ver : Y-axis	HUMIDITY	: 30% 30 %
		ENGINEER	: Takumi Shimada, 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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1937.5	56.9	51.3	30.6	32.4	3.9	0.0	59.0	53.4	74.0	15.0	20.6
2	2395.5	58.8	50.6	30.6	32.4	4.1	0.0	61.0	52.8	74.0	13.0	21.2
3	4790.9	55.9	53.9	35.6	31.9	5.4	0.0	65.0	63.0	74.0	9.0	11.0
4	5301.0	58.6	61.0	36.5	31.8	5.7	0.0	69.0	71.4	74.0	5.0	2.6
5	6217.5	54.8	54.4	36.8	31.5	6.3	0.0	66.4	66.0	74.0	7.6	8.0
6	6728.3	47.2	43.5	36.9	31.2	6.4	0.0	59.4	55.7	74.0	14.6	18.3
7	11519.3	44.3	45.0	38.5	31.2	9.1	0.2	60.8	61.5	74.0	13.2	12.5
8*	17278.8	56.3	56.7	46.2	30.9	11.6	4.7	87.9	88.3	74.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	23039.9	46.9	47.5	39.8	30.5	12.9	0.0	59.7	60.3	74.0	14.3	13.7
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
10	28798.5	-	-	44.5	24.3	6.3	0.0	-	-	74.0	-	-
11	34558.2	50.5	50.6	42.2	24.6	6.1	0.0	58.7	58.8	74.0	15.3	15.2

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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	1937.5	35.4	33.7	30.6	32.4	3.9	0.0	37.5	35.8	54.0	16.5	18.2
2	2395.5	41.6	34.7	30.6	32.4	4.1	0.0	43.8	36.9	54.0	10.2	17.1
3	4790.9	33.6	33.3	35.6	31.9	5.4	0.0	42.7	42.4	54.0	11.3	11.6
4	5301.0	34.8	33.9	36.5	31.8	5.7	0.0	45.2	44.3	54.0	8.8	9.7
5	6217.5	31.8	32.0	36.8	31.5	6.3	0.0	43.4	43.6	54.0	10.6	10.4
6	6728.3	31.5	30.4	36.9	31.2	6.4	0.0	43.7	42.6	54.0	10.3	11.4
7	11519.3	30.9	31.5	38.5	31.2	9.1	0.2	47.4	48.0	54.0	6.6	6.0
8*	17278.8	36.8	36.6	46.2	30.9	11.6	4.7	68.4	68.2	54.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	23039.9	32.4	33.0	39.8	30.5	12.9	0.0	45.2	45.8	54.0	8.8	8.2
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
10	28798.5	-	-	44.5	24.3	6.3	0.0	-	-	54.0	-	-
11	34558.2	37.3	37.4	42.2	24.6	6.1	0.0	45.5	45.6	54.0	8.5	8.4

* 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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	5759.7	92.1	92.3	36.5	31.7	6.0	19.6	122.5	122.7	-	-	-
8	17278.8	54.9	56.2	46.2	30.9	11.6	4.7	86.5	87.8	Funda-20dB	16.0	14.9

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)**

UL Apex Co., Ltd.

Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless Camera
Model : KX-TGA573
Sample No. : 2
Power : AC120V / 60Hz (PC Adaptor input)
Mode : Tx 5798.05084MHz
Remarks : Hor : Z-axis / Ver : Y-axis

REPORT NO : 26FE0005-HO
REGULATION : FCC Part15 Subpart C 15.247(d)
TEST DISTANCE : 3m/1m/0.5m
DATE : 01/17/2006 01/18/2006
TEMPERATURE : 23deg.C 20 deg.C.
HUMIDITY : 30% 30 %
ENGINEER : Takumi Shimada, 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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2433.8	58.0	54.6	30.5	32.4	4.0	0.0	60.1	56.7	74.0	13.9	17.3
2	4867.6	56.4	51.7	36.1	31.9	5.4	0.0	66.0	61.3	74.0	8.0	12.7
3	5224.9	53.1	47.3	36.6	31.8	5.7	0.0	63.6	57.8	74.0	10.5	16.3
4	5437.8	55.8	55.7	36.4	31.8	5.8	0.0	66.1	66.0	74.0	7.9	8.0
5	6158.1	49.5	45.3	36.8	31.5	6.2	0.0	61.0	56.8	74.0	13.0	17.2
6	11596.2	40.7	41.5	38.8	31.2	9.2	0.2	57.6	58.4	74.0	16.4	15.6
7*	17393.7	54.7	54.7	46.2	31.0	11.7	5.5	87.1	87.1	74.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	23191.8	47.9	47.8	39.8	30.5	12.9	0.0	60.7	60.6	74.0	13.3	13.4
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	28990.3	-	-	44.5	24.4	6.3	0.0	-	-	74.0	-	-
10	34788.3	51.9	53.5	43.3	24.5	6.3	0.0	61.5	63.1	74.0	12.6	11.0

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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2433.8	40.1	36.8	30.5	32.4	4.0	0.0	42.2	38.9	54.0	11.8	15.1
2	4867.6	33.7	32.4	36.1	31.9	5.4	0.0	43.3	42.0	54.0	10.7	12.0
3	5224.9	33.1	31.8	36.6	31.8	5.7	0.0	43.6	42.3	54.0	10.5	11.8
4	5437.8	31.8	31.6	36.4	31.8	5.8	0.0	42.1	41.9	54.0	11.9	12.1
5	6158.1	30.8	29.3	36.8	31.5	6.2	0.0	42.3	40.8	54.0	11.7	13.2
6	11596.2	29.2	29.4	38.8	31.2	9.2	0.2	46.1	46.3	54.0	7.9	7.7
7*	17393.7	35.6	35.2	46.2	31.0	11.7	5.5	68.0	67.6	54.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
8	23191.8	33.4	33.0	39.8	30.5	12.9	0.0	46.2	45.8	54.0	7.8	8.2
Test distance 0.5meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
9	28990.3	-	-	44.5	24.4	6.3	0.0	-	-	54.0	-	-
10	34788.3	37.5	38.4	43.3	24.5	6.3	0.0	47.1	48.0	54.0	7.0	6.1

* 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
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
0	5797.9	91.2	90.1	36.6	31.7	6.1	19.6	121.7	120.6	-	-	-
7	17393.7	52.6	51.8	46.2	31.0	11.7	5.5	85.0	84.2	Funda-20dB	16.7	16.4

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)

UL Apex Co., Ltd.

Head Office EMC Lab. No.2 Semi Anechoic Chamber

Company : Panasonic Communications Co.,Ltd.
Equipment : Wireless Camera
Model : KX-TGA573
Sample No. : 2
Power : AC120V / 60Hz (PC Adaptor input)
Mode : Tx 5838.18697MHz
Remarks : Hor : Z-axis, Ver : Y-axis

REPORT NO : 26FE0005-HO
REGULATION : FCC Part15 Subpart C 15.247(d)
TEST DISTANCE : 3m/1m/0.5m
DATE : 01/17/2006 01/18/2006
TEMPERATURE : 23deg.C 20 deg.C.
HUMIDITY : 30% 30 %
ENGINEER : Takumi Shimada, 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	2474.1	56.7	53.0	30.5	32.4	4.1	0.0	58.8	55.1	74.0	15.2	18.9
2	4947.8	54.5	49.9	36.6	31.8	5.5	0.0	64.7	60.1	74.0	9.3	13.9
3	5437.7	56.0	51.1	36.4	31.8	5.8	0.0	66.3	61.4	74.0	7.7	12.6
4	6728.3	48.0	43.5	36.9	31.2	6.4	0.0	60.2	55.7	74.0	13.8	18.3
5	11675.5	40.3	42.5	39.1	31.2	9.2	0.3	57.6	59.8	74.0	16.4	14.2
6*	17514.2	54.3	51.7	46.2	31.1	11.8	6.2	87.5	84.9	74.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	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												
8	29190.9	-	-	44.5	24.4	6.2	0.0	-	-	74.0	-	-
9	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	2474.1	39.7	35.7	30.5	32.4	4.1	0.0	41.8	37.8	54.0	12.2	16.2
2	4947.8	35.2	32.8	36.6	31.8	5.5	0.0	45.4	43.0	54.0	8.6	11.0
3	5437.7	33.0	31.2	36.4	31.8	5.8	0.0	43.3	41.5	54.0	10.7	12.5
4	6728.3	31.6	30.4	36.9	31.2	6.4	0.0	43.8	42.6	54.0	10.2	11.4
5	11675.5	29.0	29.2	39.1	31.2	9.2	0.3	46.3	46.5	54.0	7.7	7.5
6*	17514.2	35.3	34.6	46.2	31.1	11.8	6.2	68.5	67.8	54.0	-	-
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
7	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												
8	29190.9	-	-	44.5	24.4	6.2	0.0	-	-	54.0	-	-
9	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 ATU [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	90.4	90.6	36.6	31.7	6.1	19.6	120.9	121.1	-	-	-
6	17514.2	52.4	49.7	46.2	31.1	11.8	6.2	85.6	82.9	Funda-20dB	15.4	18.3

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

UL Apex Co., Ltd.

Head Office EMC Lab.

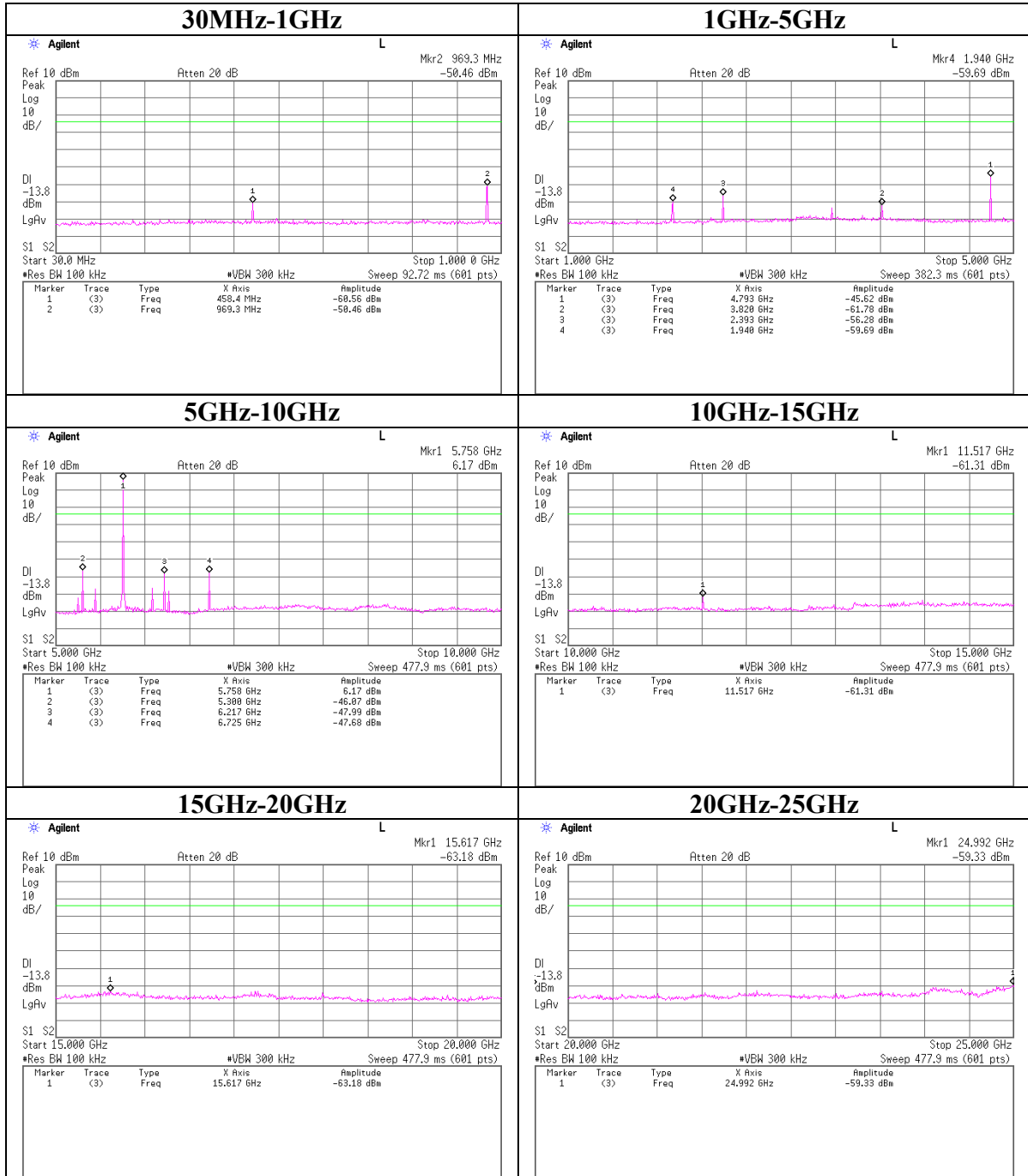
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

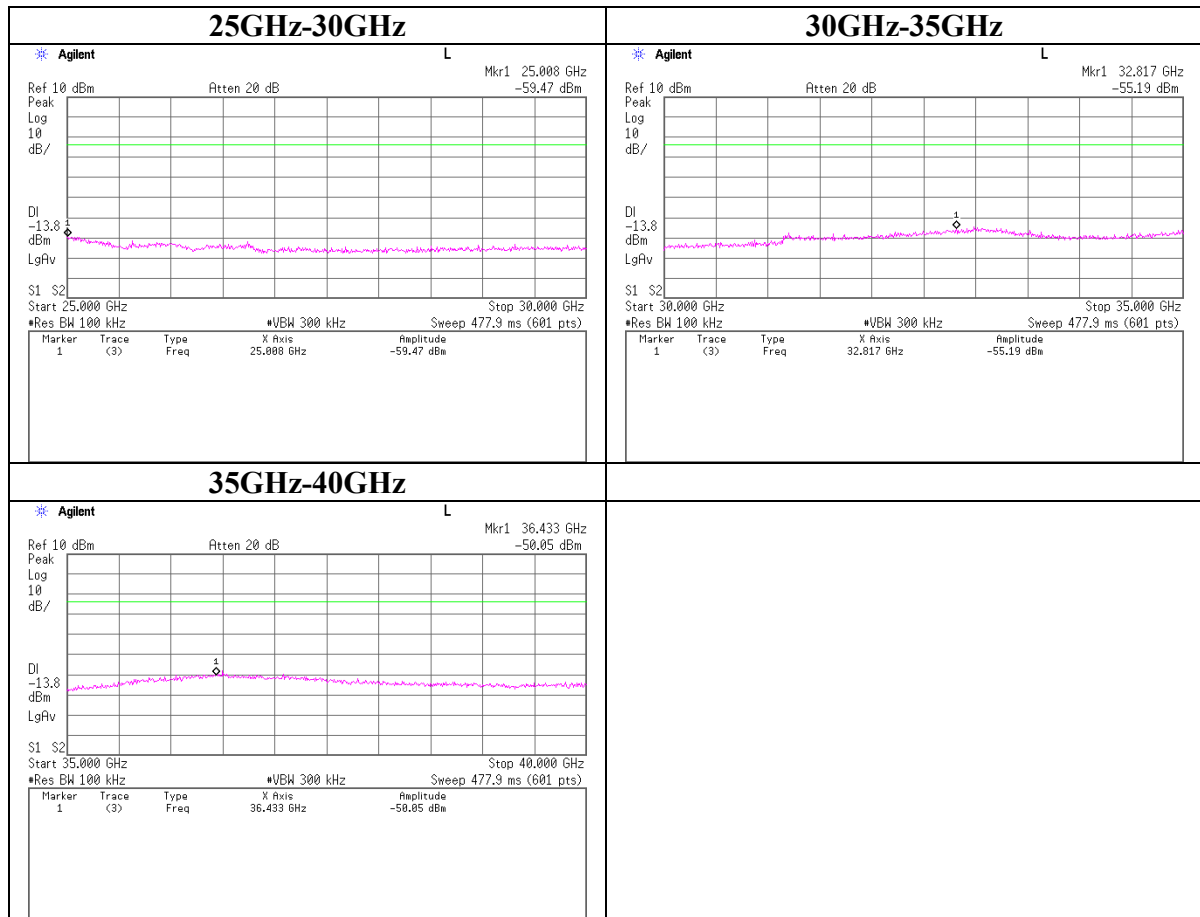
Facsimile : +81 596 24 8124

MF060b(01.06.05)

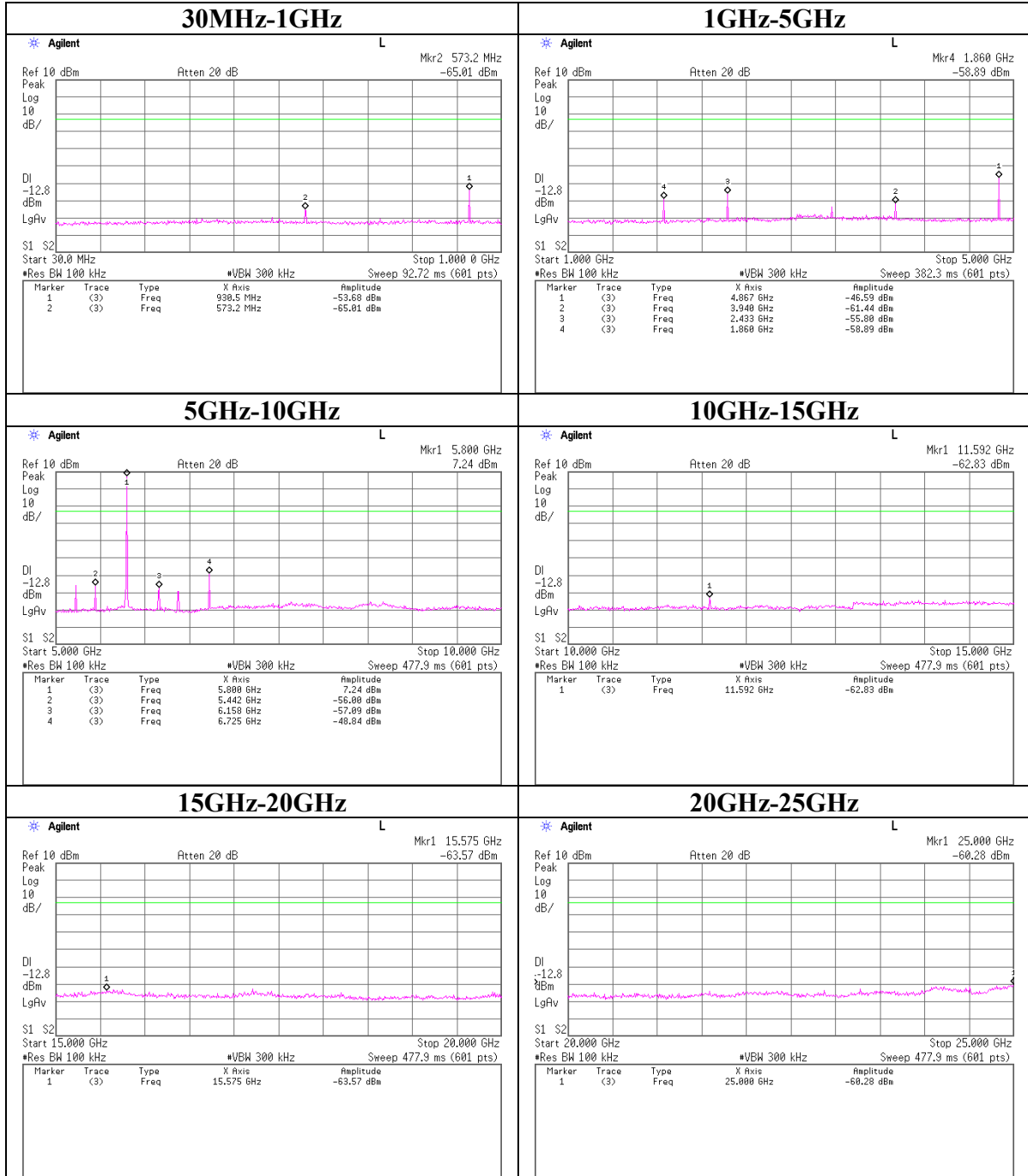
Conducted Spurious Emission
Ch:Low



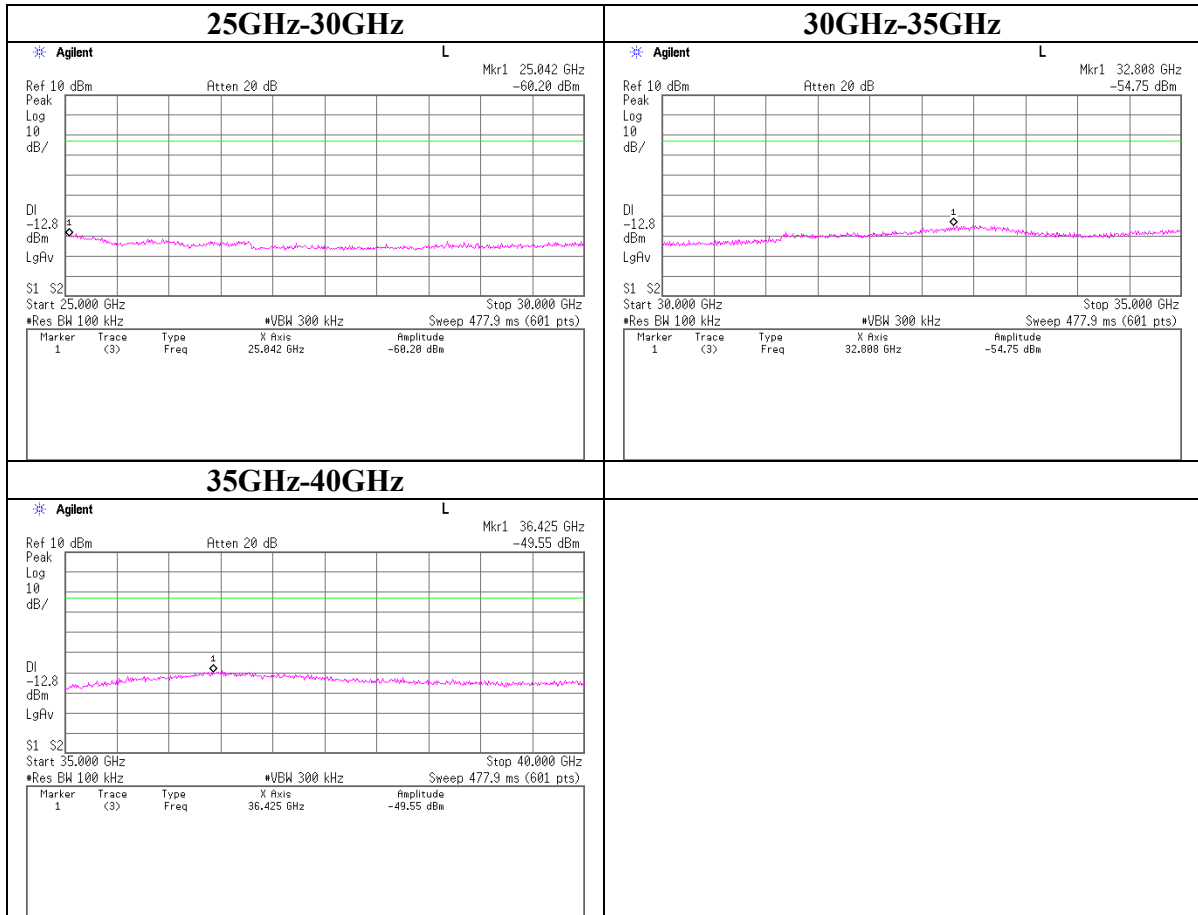
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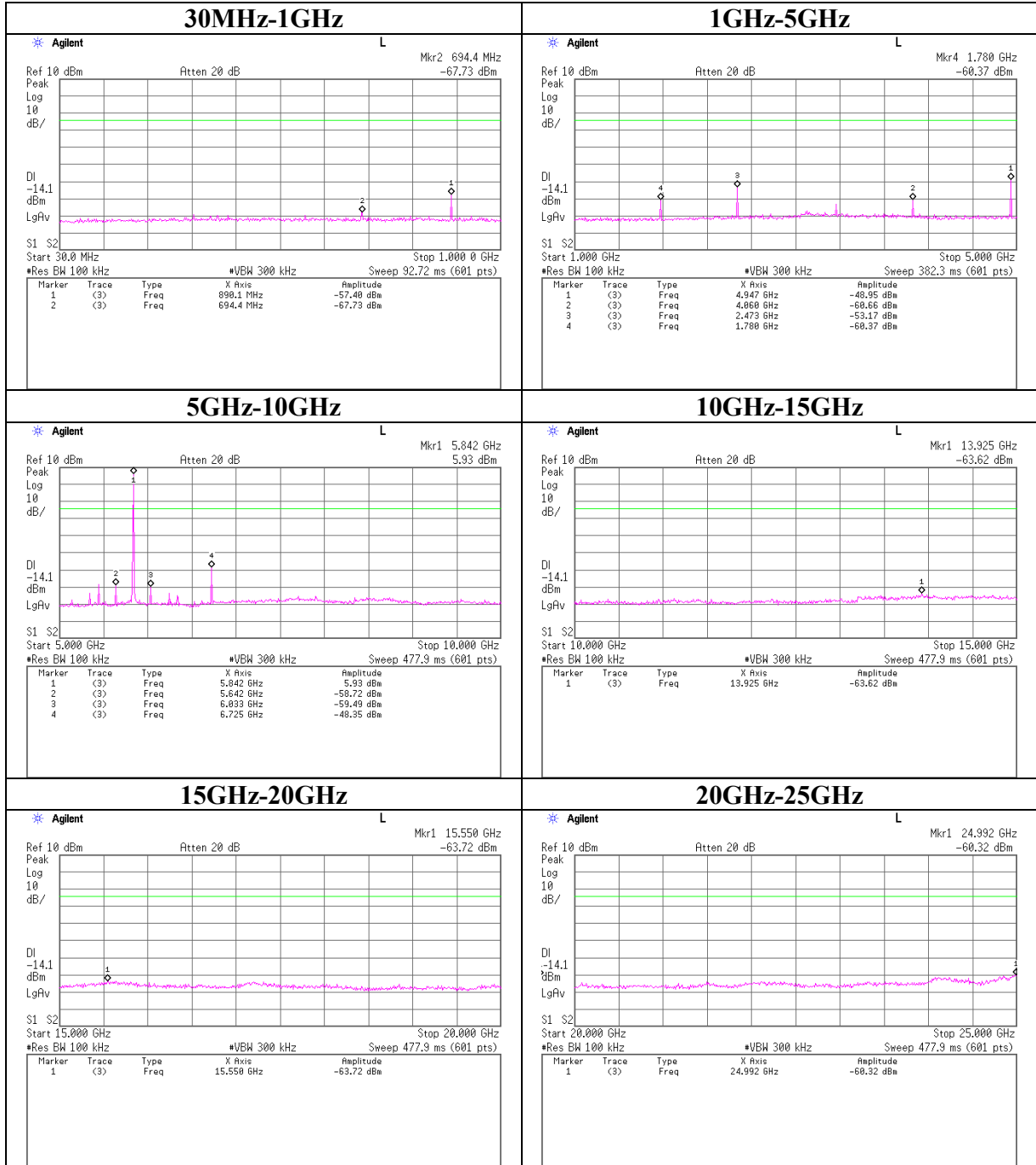
Conducted Spurious Emission
Ch:Mid



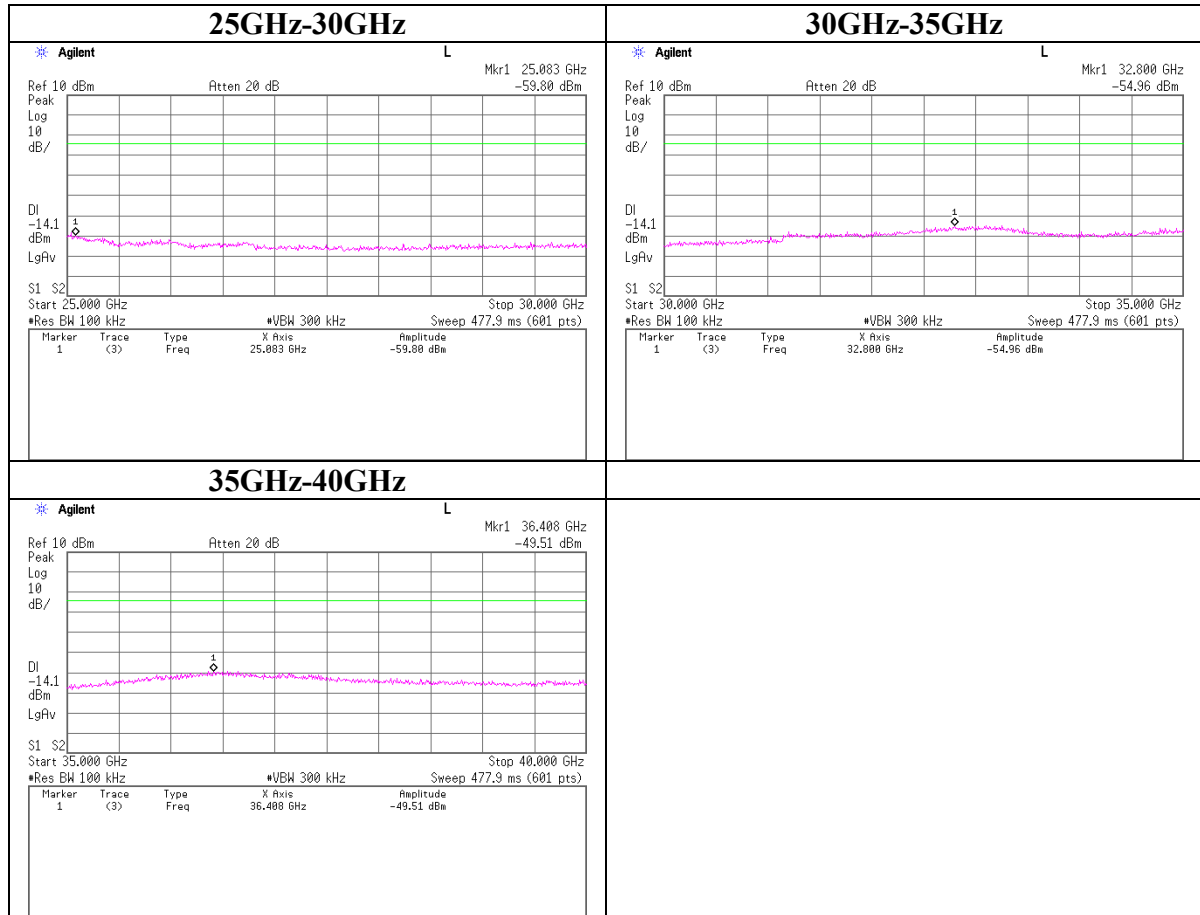
Conducted Spurious Emission
Ch:Mid



Conducted Spurious Emission
Ch:High



Conducted Spurious Emission
Ch:High



Conducted Spurious Emission Band Edge compliance

