JQA APPLICATION NO.: 400-20343 Issue Date : August 1, 2002 Page 1 of 30

EMI TEST REPORT

JQA APPLICATION NO.

: 400-20343

Model No.

: G8D-387H-A

Type of Equipment

: Keyless Entry System

(Transmitter)

Regulations Applied

: CFR 47 FCC Rules and Regulations Part 15

FCC ID

: OUCG8D-387H-A

Applicant

: OMRON Corporation

Address

: 6368 Nenjo-zaka, Okusa Komaki-city,

Aichi 485-0802, Japan

Manufacture

: OMRON Corporation

Address

: 6368 Nenjo-zaka, Okusa Komaki-city,

Aichi 485-0802, Japan

Received date of EUT

: July 26, 2002

Final Judgment

: Passed

Test results in this report are obtained in use of equipment that is traceable to National Institute of Advanced Industrial Science and Technology (AIST) of Japan and Communication Research Laboratory (CRL) of Japan.

The test results only respond to the tested sample. This report should not be reproduced except in full, without the written approval of JQA EMC Engineering Dept. Testing Div.



Model No. :GSD-387H-A Standard :CPR 47 PCC Rules Part 15

FCC ID :OUCG8D-387H-A

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DOCUMENTATION

1.1 TEST REGULATION

FCC Rules and Regulations Part 15 Subpart A and C (June 23, 1989) Intentional Radiators

Test procedure :

AC power line conducted emission, radiated emission, frequency stability and occupied bandwidth tests were performed according to the procedures in ANSI C63.4-1992.

1.2 GENERAL INFORMATION

1.2.1 Test facility :

- 1) Test Facility located at EMC Engineering Dept. Testing Div. :
 - No.2 and 3 Anechoic Chambers (3 meters Site).
 - Shielded Enclosure.

Expiration date of FCC test facility filing : May 27, 2005

2) EMC Engineering Dept. Testing Div. is recognized under the National Voluntary Laboratory accreditation Program for satisfactory compliance established in title 15, Part 285 Code of Federal Regulations.

NVLAP Lab Code : 200189-0 (Effective through : June 30, 2003)

1.2.2 Description of the Equipment Under Test (EUT) :

Type of Equipment

2) Product Type

Category

4) EUT Authorization

5) FCC ID

6) Trade Name

Model No.

8) Operating Frequency Range

9) Highest Frequency Used in the EUT

10) Serial No.

11) Date of Manufacture

12) Power Rating

13) EUT Grounding

: Keyless Entry System

: Pre-Production

: Security/Remote Control Transmitter

: Certification

: OUCG8D-387H-A

: OMRON

: G8D-387H-A

: 313.85 MHz

: 313.85 MHz

: None

: None

: DC 3.0V(Battery)

: None

1.2.3 Definitions for symbols used in this test report :

- _x indicates that the listed condition, standard or equipment is applicable for
- indicates that the listed condition, standard or equipment is not applicable for this report.



Model No. :G8D-387H-A

__ - LISN(for EUT) KNW-407 Kyoritsu Electrical 8-855-2

Fujikura

Fujikura

SUHNER

SUHNER

3D-2W

3D-2W

Standard

:CFR 47 FCC Rules Part 15

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Apr. 2002 1 Year

155-21-006E0 Apr. 2002 1 Year

155-21-007E0 Apr. 2002 1 Year

154-06-501E0 Jan. 2002 1 Year

154-06-502E0 Jan. 2002 1 Year

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1.3 TEST CONDITION

___ - LISN

___ - RF Cable

___ - RF Cable

___ - 50ohm Termination

- 50ohm Termination

1.3.	The measurement of a was performed x - was not appli	in the f	Power Line Conducte ollowing test site.										
	Test location :												
	Safety & EMC Center EMC Engineering Dept. Testing Div. 21-25, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8573, Japan												
	Shielded Encl Anechoic Cham Used test instrumen												
	Trees	Model No.	Manufacturer	Serial No.	Last	Cal.	Interval						
	Type Test Receiver	ESH-2	Rohde & Schwarz	880370/016		2002	1 Year						
	Test Receiver		Rohde & Schwarz	881460/030		2002	1 Year						
	Test Receiver	ESHS10	Rohde & Schwarz	835871/004		2002	1 Year						
	LISN(for Peripheral)	KNW-407	Kyoritsu Electrical	8-833-6	Apr.	2002	1 Year						

KNW-407 Kyoritsu Electrical 8-757-1 Apr. 2002 1 Year



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-	2	2	mb o	measurement	n f	the	Padiated.	Emission (0	bu-	3.0	MHZ ~ \	
п.	- 3 -	2	The	measurement	OΤ	the	Radiated	Emission (9	KHZ -	- 30	MHZ)	

x - was performed in the following test site.

___ - was not applicable.

Test location :

Safety & EMC Center EMC Engineering Dept. Testing Div. 21-25, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8573, Japan

x - Anechoic Chamber No. 2 (3 meters)

___ - Anechoic Chamber No. 3 (3 meters)

Validation of Site Attenuation :

1) Last Confirmed Date : N/A

Interval : N/A

	Туре	Model No.	Manufacturer	Serial No.	Last	Cal.	Interval
	Test Receiver	ESH-2	Rohde & Schwarz	880370/016	May	2002	1 Year
	Test Receiver	ESH-3	Rohde & Schwarz	881460/030	May	2002	1 Year
	Test Receiver	ESHS10	Rohde & Schwarz	835871/004	May	2002	1 Year
_x	Test Receiver	ESVS10	Rohde & Schwarz	826148/002	May	2002	1 Year
_x	Antenna	HFH2-Z2	Rohde & Schwarz	881058/62	Nov	2001	1 Year
_x	RF Cable	RG-213/U	F & G	155-21-010E0	Apr.	2002	1 Year



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:G8D-387H-A

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1.3.3 The measurement of the Radiated Emission(30 MHz - 1000 MHz)

x - was performed in the following test site.

__ - was not applicable.

Test location :

Safety & EMC Center EMC Engineering Dept. Testing Div. 21-25, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8573, Japan

x - Anechoic Chamber No. 2 (3 meters)

___ - Anechoic Chamber No. 3 (3 meters)

Validation of Site Attenuation :

1) Last Confirmed Date : March, 2002

Interval

:1 year

	Туре	Model No.	Manufacturer	Serial No.	Last	Cal.	Interval
	Spectrum Analyzer	8560E	Hewlett Packard	3240A00189	Nov.	2001	1 Year
	Spectrum Analyzer	8566B	Hewlett Packard	2140A01091	Mar.	2002	1 Year
	RF Pre-selector	85685A	Hewlett Packard	2648A00522	Oct.	2001	1 Year
	Spectrum Analyzer	8566B	Hewlett Packard	2747A05855	Apr.	2002	1 Year
	RF Pre-selector	85685A	Hewlett Packard	2091A00933	Apr.	2002	1 Year
	Test Receiver	ESV	Rohde & Schwarz	872148/039	May	2002	1 Year
_x	Test Receiver	ESVS10	Rohde & Schwarz	826148/002	May	2002	1 Year
	Test Receiver	ESVS10	Rohde & Schwarz	832699/001	May	2002	l Year
_x	Antenna	KBA-511	Kyoritsu Electrical	0-170-1	Nov.	2001	1 Year
	Antenna	KBA-511A	Kyoritsu Electrical	0-201-13	Nov.	2001	1 Year
_x	Antenna	KBA-611	Kyoritsu Electrical	0-147-14	Nov.	2001	1 Year
	Antenna	KBA-611	Kyoritsu Electrical	0-210-5	Nov.	2001	1 Year
	Biconical Antenna	BBA9106	Schwarzbeck	VHA91031150	Nov.	2001	1 Year
	Biconical Antenna	BBA9106	Schwarzbeck	11905078E0	Nov.	2001	1 Year
	Log-Periodic Antenna	UHALP9107	Schwarzbeck	11905079E0	Nov.	2001	1 Year
	Log-Periodic Antenna	UHALP9107	Schwarzbeck	11905110	Nov.	2001	1 Year
<u>x</u> -	RF Cable	5D-2W	Fujikura	155-21-001E0	Feb.	2002	1 Year
	RF Cable	5D-2W	Fujikura	155-21-002E0	Feb.	2002	1 Year



Model No. :G8D-387H-A

Standard

:CFR 47 FCC Rules Part 15

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1.3.4 The measurement of the Radiated Emission(Above 1000 MHz)

 \underline{x} - was performed in the following test site.

__ - was not applicable.

Test location :

Safety & EMC Center EMC Engineering Dept. Testing Div. 21-25, Kinuta 1-chome, Setagaya-ku, Tokyo 157-8573, Japan

x - No. 2 site (3 meters)

___ - No. 3 site (3 meters)

Validation of Site Attenuation :

1) Last Confirmed Date : N/A

Interval : N/A

	Type	Model No.	Manufacturer	Serial No.	Last	Cal.	Ir	nterval
	- Spectrum Analyzer	8560E	Hewlett Packard	3240A00189	Nov.	2001	1	Year
	- Spectrum Analyzer	8566B	Hewlett Packard	2140A01091	Mar.	2002	1	Year
	RF Pre-selector	85685A	Hewlett Packard	2648A00522	Oct.	2001	1	Year
x ·	- Spectrum Analyzer	8566B	Hewlett Packard	2747A05855	Apr.	2002	1	Year
x ·	- RF Pre-selector	85685A	Hewlett Packard	2091A00933	Apr.	2002	1	Year
x ·	- Log-Periodic Antenna	HL 025	Rohde & Schwarz	340182/015	Jan.	2002	1	Year
	RF Amplifier	DBP-0102N5334272B	DBS Microwave Inc.	012	June	2002	1	Year
x ·	- RF Amplifier	WJ-6882-814	Watkins-Johnson	0414	June	2002	1	Year
	RF Amplifier	WJ-5315-556	Watkins-Johnson	106	June	2002	1	Year
	RF Amplifier	WJ-5320-307	Watkins-Johnson	645	June	2002	1	Year
<u>x</u> -	- RF Cable(10m)	S 04272B	Suhner	155-21-011E0	May	2002	1	Year
	RF Cable(2m)	SUCOFLEX 104	Suhner	155-21-012E0	May	2002	1	Year
х -	- RF Cable(1m)	SUCOFLEX 104	Suhner	155-21-013E0	May	2002	1	Year
	RF Cable(1m)	S 04272B	Suhner	155-21-015E0	June	2002	1	Year
	Test Receiver	ESI26	Rohde & Schwarz	100043	Aug.	2001	1	Year



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1.3.5 The measurement of the Frequency Stability

___ - was performed.

_x - was not applicable.

Used test instruments :

Type	Type		Manufact	urer	Serial 1	No.	Last Cal.			Interval		
Frequ	ency Counter	53131A	Hewlett	Packard	3546A11	807	May	2002	1	Year		
Oven		-	Ohnishi	Co. Ltd.			May	2002	1	Year		
DC Po	wer Supply	6628A	Hewlett	Packard	3224A00	284	June	2002	1	Year		

1.3.6 The measurement of the Occupied Bandwidth

 \underline{x} - was performed.

__ - was not applicable.

	Type	Model No.	Manufacturer	Serial No.	Last	Cal.	Interval
	Spectrum Analyzer	8560E	Hewlett Packard	3240A00189	Nov.	2001	1 Year
	Spectrum Analyzer	8566B	Hewlett Packard	2140A01091	Mar.	2002	1 Year
_x	Spectrum Analyzer	8566B	Hewlett Packard	2747A05855	Apr.	2002	1 Year
	Function Generator	3325B	Hewlett Packard	2847A03284	July	2002	1 Year
	FM Linear Detector	MS61A	Anritsu Corp.	M77486	Sep.	2001	1 Year
	Level Meter	ML422C	Anritsu Corp.	M87571	June	2002	1 Year
	Measuring Amplifier	2636	B & K	1614851	June	2002	1 Year
	AF Amplifier	P-500L	Accuphase	BOY806	Feb.	2002	1 Year
	Microphone	4134	B & K	1269477	May 2	2002	1 Year
	Preamplifier	2639	B & K	1268763	May 2	2002	1 Year
	Pistonphone	4220	B & K	1165008	Mar.	2002	1 Year
	Artificial Mouth	4227	B & K	1274869	N/A		N/A



FCC ID :OUCG8D-387H-A Model No. :G8D-387H-A Issue Date : Standard :CFR 47 FCC Rules Part 15 Page 9 of 30 Issue Date :August 1, 2002

1.4 EUT MODIFICATION / Deviation from Standard

1	. 4	1	ਜਾਸਤ	MODIFICATION	
_			EOI	MODIFICATION	

X	- No	modifica	ations were	CO	nducte	1 1	oy JQA	to	ach	nieve	comp]	liance	to	Clas	s B	leve	els.
	- To	achieve	compliance	to	Class	В	levels	, t	he	follo	wing	change	s '	were	made	by	JQA
	du	ring the	compliance	te	st.												

The modifications will be	implemented in all	production models	of this	equipment.	_
Applicant :		Date	:		
Typed Name :		Position	:		

1.4.2 Deviation from Standard:

x	-	No	deviations	from the	stand	lard desc	ribed i	n clause 1	1.1.			
	-	The	following	deviations	were	employed	from the	e standard	described	in	clause	1.1
		_										



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1.5	TEST RESULTS		
	AC Power Line Conducted Emission	Applicable	_x - NOT Applicable
	The requirements are	PASSED	NOT PASSED
	Remarks :		
	Radiated Emission [§15.231(b)]	x - Applicable	NOT Applicable
	The requirements are	x - PASSED	NOT PASSED
	Remarks:		
	Frequency Stability	Applicable	x - NOT Applicable
	The requirements are	PASSED	NOT PASSED
	Remarks:		
	Occupied Bandwidth [§15.231(c)]	x - Applicable	NOT Applicable
	The requirements are	x - PASSED	NOT PASSED
	Remarks:		



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1.6 SUMMARY

General Remarks :

The EUT was tested according to the requirements of FCC Rules and Regulations Part 15 Subpart A and C (June 23, 1989) under the test configuration, as shown in clause 1.7 to 1.10.

The conclusion for the test items which are required by the applied regulation is indicated under the final judgment.

Final Judgment :

The "as received" sample;

- x fulfill the test requirements of the regulation mentioned on clause 1.1.
- ___ fulfill the test requirements of the regulation mentioned on clause 1.1, but with certain qualifications.
- doesn't fulfill the test regulation mentioned on clause 1.1.

Begin of testing: July 29, 2002

End of testing : July 29, 2002

- JAPAN QUALITY ASSURANCE ORGANIZATION -

Approved by:

Signatories:

Issued by:

Deputy Manager

JQA EMC Engineering Dept.

Shigeru Osawa

Assistant Manager

JQA EMC Engineering Dept.



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1.7 TEST CONFIGURATION / OPERATION OF EUT

1.7.1 Test Configuration

The equipment under test (EUT) consists of :

Item	Manufacturer	Model No.	FCC ID	Serial No.	
Keyless Entry System	OMRON Corporation	G8D-387H-A	OUCG8D-387H-A	None	
(Transmitter)					

1.7.2 Operating condition

Power supply Voltage : 3.0 VDC(Battery)

The tests have been carried out under the transmitting condition.



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1.8 EUT ARRANGEMENT (DRAWINGS)

Keyless

Entry

System

Model.No:

G8D-387H-A

(EUT)

Model No.

:G8D-387H-A

Standard

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1.9 PRELIMINARY TEST AND TEST-SETUP (DRAWINGS)

1.9.1 AC Power Line Conducted Emission (450 kHz - 30 MHz) :

According to description of ANSI C63.4-1992 sec.13.1.3.1, the AC power line preliminary conducted emissions measurements were carried out.

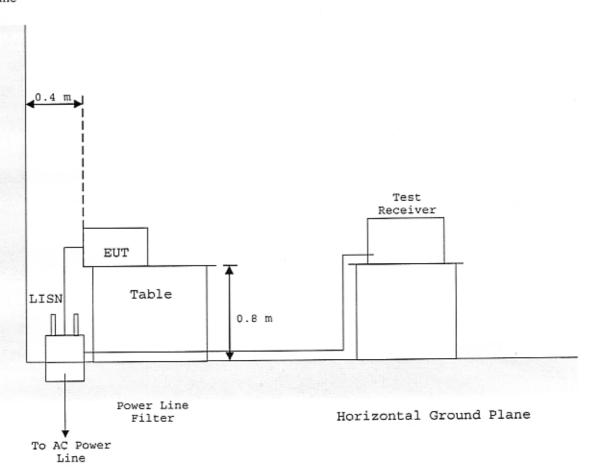
The preliminary conducted measurements were performed using the spectrum analyzer to observe the emission characteristics of the EUT.

The EUT configuration, cable configuration and mode of operation were determined for producing the maximum level of emissions. These configurations were used for final AC power line conducted emissions measurements.

Shielded Enclosure

- Side View -

Vertical Ground Plane





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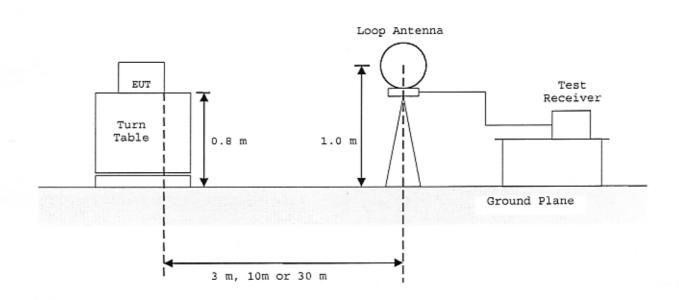
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1.9.2 Radiated Emission (9 kHz - 30 MHz) :

According to description of ANSI C63.4-1992 sec.13.1.4.1, the preliminary radiated emissions measurement were carried out. The preliminary radiated measurements were performed at the measurement distance that specified for compliance to determine the emission characteristics of the EUT.

The EUT configuration, cable configuration and mode of operation were determined for producing the maximum level of emissions. These configurations were used for the final radiated emissions measurements.

- Side View -



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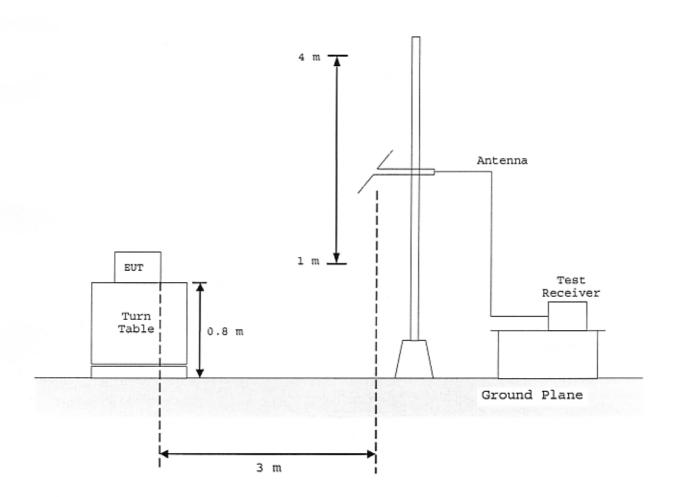
1.9.3 Radiated Emission (30 MHz - 1000 MHz) :

According to description of ANSI C63.4-1992 sec.13.1.4.1, the preliminary radiated emissions measurement were carried out. The preliminary radiated measurements were performed at the measurement distance that specified for compliance to determine the emission characteristics of the EUT.

The EUT configuration, cable configuration and mode of operation were determined for producing the maximum level of emissions. These configurations were used for the final radiated emissions measurements.

Anechoic Chamber

- Side View -



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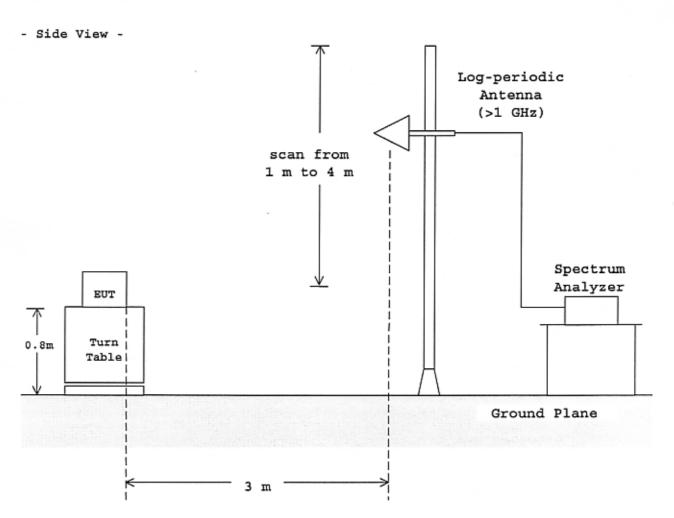
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1.9.4 Radiated Emission (Above 1 GHz) :

According to description of ANSI C63.4-1992 sec.13.1.4.1, the preliminary radiated emissions measurements were carried out. The preliminary radiated measurements were performed at the measurement distance that specified for compliance to determine the emission characteristics of the EUT.

The EUT configuration, cable configuration and mode of operation were determined for producing the maximum level of emissions. These configurations were used for the final radiated emissions measurements.

Anechoic Chamber





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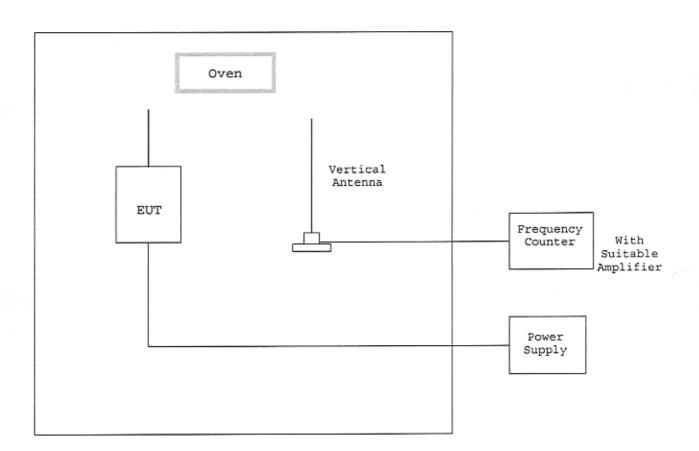
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1.9.5 Frequency Stability :

According to description of ANSI C63.4-1992 sec.13.1.5 and sec.13.1.6, the frequency stability measurements were carried out. By using frequency counter with suitable RF amplifier, the carrier frequency of the transmitter under test was measured with a temperature variation of $-20\,^{\circ}\text{C}$ to $+50\,^{\circ}\text{C}$ at the normal supply voltage, and if required, with a variation in the primary voltage from 85 % to 115 % the rated supply voltage at the temperature of $+20\,^{\circ}\text{C}$.

These measurements were carried out after allow sufficient time (approximately 1 hour) for the temperature of the chamber to stabilize.





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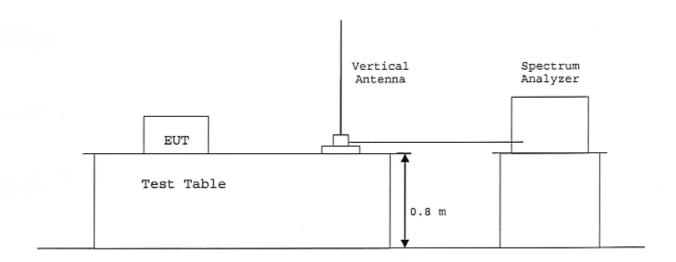
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1.9.6 Occupied Bandwidth :

According to description of ANSI C63.4-1992 sec.13.1.7, the occupied bandwidth measurements were carried out. By using a spectrum analyzer with a vertical antenna for picking up the signal, the measurements of the emission were made under the transmitting modes of the EUT.

The resolution bandwidth of spectrum analyzer was set to the value specified in sec.13.1.7.



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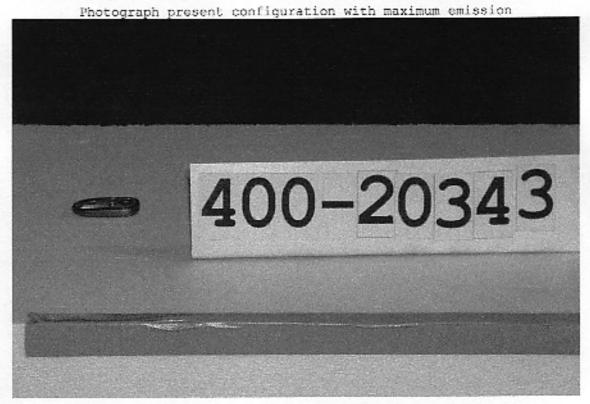
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1.10 TEST ARRANGEMENT (PHOTOGRAPHS)

PROTOGRAPHS OF BUT CONFIGURATION FOR RADIATED EMISSIONS MEASUREMENT







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TEST DATA

2.2 Radiated Emissions Measurement

Operating Frequency : 313.85 MHz

Distance of Measurement : 3.0 meters

Date : July 29, 2002

Temp. : 22 °C Humi. 75 %

Frequ-	P-A	Antenna	Polari-	Me	ter Readi	ng	Li	nits	Emission	Levels	Marg	ins
ency	Factor	Factor	zation		(dBuV)		(dBı	uV/m)	(dBu	V/m)	(d)	8)
(MHz)	(dB)	(dB)		QP	VA	Peak	QP/AV	Peak	QP/AV	Peak	QP/AV	Peak
313.85	0.0	20.8	н	52.2	-	-	75.6	95.6	73.0	-	2.6	-
627.70	0.0	27.8	v	4.5	-	-	55.6	75.6	32.3	-	23.3	-
941.55	0.0	32.8	V	3.7	-	-	55.6	75.6	36.5	-	19.1	-

Notes :

- 1) The spectrum was checked from 5 MHz to 1000 MHz.
- 2) The cable loss is included in the antenna factor.
- 3) The symbol of "<"means "or less".
- 4) The symbol of ">"means "or greater".
- 5) A sample calculation(QP/AV) was made at 313.85 (MHz).

PA + Af + Mr = 0 + 20.8 + 52.2 = 73 (dBuV/m)

PA = Peak to Average Factor (P-A Factor)

Af = Antenna Factor

Mr = Meter Reading

6) Measuring Instrument Setting :

Detector function	Resolution Bandwidth	<u>Video Bandwidt</u>
Quasi-peak(QP)	120 kHz	-
Average (AV)	1 MHz	10 Hz
Peak	1 MHz	1 MHz



Standard

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Frequency	P-A	Correction	Polari-	Meter R	eading	Li	mits	Emission	Levels	Marg	ins
	Factor	Factor	zation	(dB)	uV)	(di	BuV/m)	(dBu	V/m)	(di	B)
(GHz)	(dB)	(dB)		AV	Peak	AV	Peak	AV	Peak	AV	Peak
1.2554	0.0	26.5	Н	7.0 <	19.0	55.6	75.6	33.5 <	45.5	22.1 >	30.1
1.5693	0.0	29.4	H	11.5	19.3	54.0	74.0	40.9	48.7	13.1	25.3
1.8831	0.0	30.8	H	10.8	20.2	55.6	75.6	41.6	51.0	14.0	24.6
2.5108	0.0	-12.2	v	55.1	60.3	55.6	75.6	42.9	48.1	12.7	27.5
2.8247	0.0	-10.2	v	50.9 <	60.0	54.0	74.0	40.7 <	49.8	13.3 >	24.2

- Notes: 1) The spectrum was checked from 1.0 GHz to tenth harmonics.
 - 2) The cable loss, amp. gain and antenna factor are included in the correction factor.
 - 3) The symbol of "<"means "or less".
 - 4) The symbol of ">"means "or greater".
 - 5) A sample calculation(Peak) was made at 1.2554 (GHz).

PA + Cf + Mr = 0 + 26.5 + 19 = 45.5 (dBuV/m)

PA = Peak to Average Factor(P-A Factor)

Cf = Correction Factor

Mr = Meter Reading

6) Measuring Instrument Setting :

Detector function	Resolution Bandwidt	h <u>Video Bandwidth</u>
Average(AV)	1 MHz	10 Hz
Peak	1 MHz	1 MHz

Tested by : Shiper

Shigeru Osawa Testing Engineer

:G8D-387H-A

:CFR 47 FCC Rules Part 15

FCC ID :OUCG8D-387H-A

Issue Date : August 1, 2002

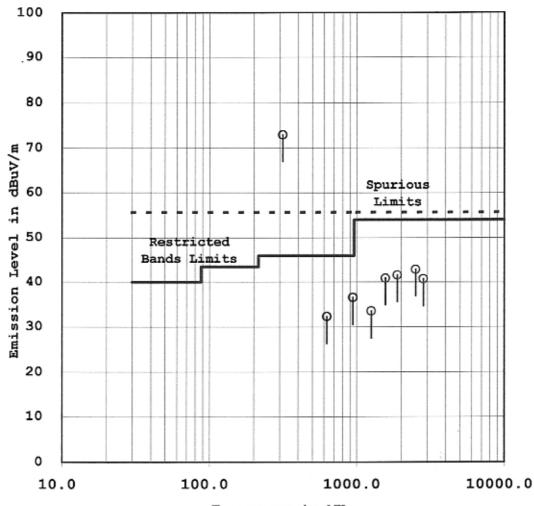
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RADIATED EMISSION MEASUREMENT

Model No.: G8D-387H-A

Standard : CFR 47 FCC Rules Part 15 Q QP/AV

Operating Frequency(MHz): 313.85



Frequency in MHz



Model No.

Standard

:CFR 47 FCC Rules Part 15

FCC ID :OUCG8D-387H-A

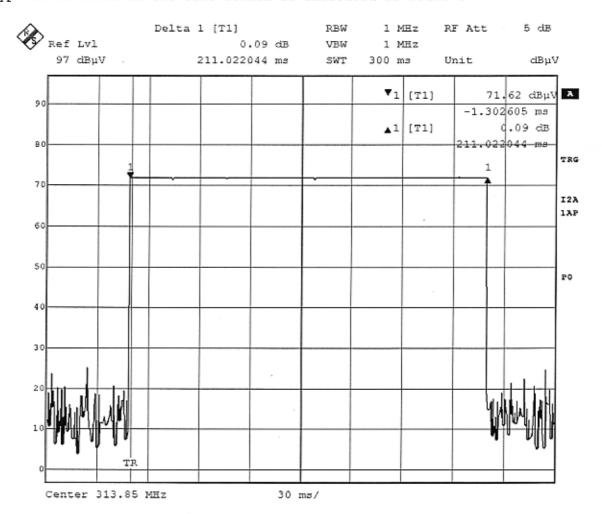
Issue Date :August 1, 2002

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Holdover time after manual release[§15.231(a)(1)]

180 - 240 ms (Manufacturer designed)

The typical waveform in the time domain is indicated as follows:





Model No. :G8D-387H-A
Standard :CFR 47 FCC Rules Part 15

FCC ID :OUCG8D-387H-A

Issue Date :August 1, 2002

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2.4 Occupied Bandwidth Measurement

Date : ___July 29, 2002

Temp.: __22 °C Humi.: __75 %

Measurements Results :

Specified Limits: 0.25 % of the fundamental frequency 313.85 MHz x 0.0025 = 784.625 kHz

Refer to the attached graphs.

Tested by : Migery On Shigeru Osawa

Testing Engineer



JQA Application No.:400-20343 Model No.

Standard

:G8D-387H-A

:CFR 47 FCC Rules Part 15

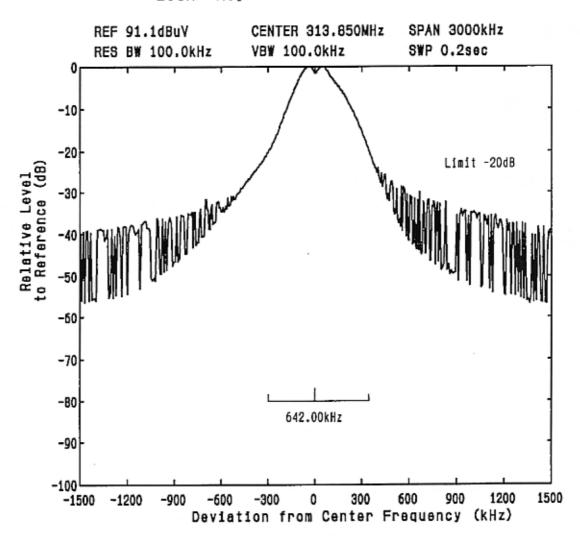
FCC ID :OUCG8D-387H-A Issue Date :August 1, 2002

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Emission Limitation

FCC ID: OUCG8D-387H-A Model: G8D-387H-A

Mode of EUT: Transmit 'LOCK' Key





Model No.

:G8D-387H-A

Standard

:CFR 47 FCC Rules Part 15

FCC ID

:OUCG8D-387H-A

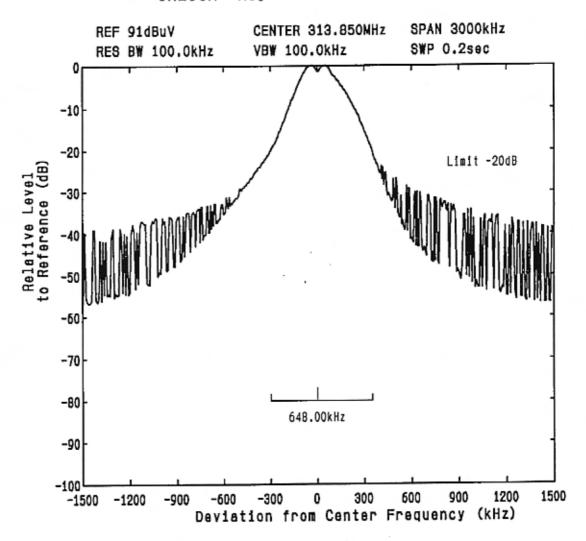
Issue Date :August 1, 2002

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Emission Limitation

FCC ID: OUCG8D-387H-A Model: G8D-387H-A

Mode of EUT: Transmit 'UNLOCK' Key



Model No.

:G8D-387H-A

Standard

:CFR 47 FCC Rules Part 15

FCC ID

:OUCG8D-387H-A

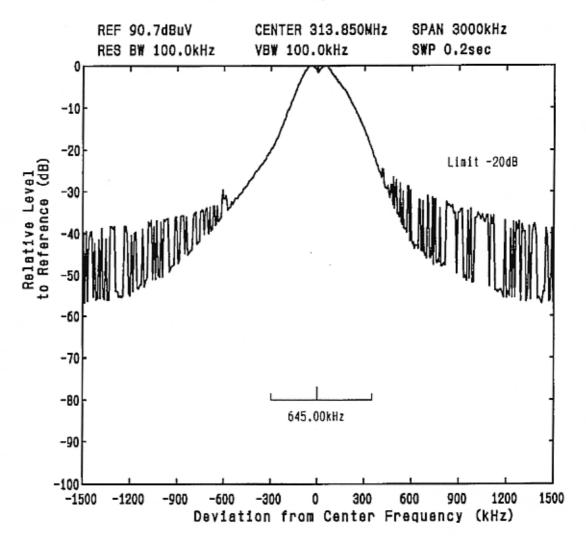
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Issue Date :August 1, 2002

Emission Limitation

FCC ID: OUCG8D-387H-A Model: GBD-387H-A

Mode of EUT: Transmit 'BOOT RELEASE' Key





Model No.

:G8D-387H-A

Standard

:CFR 47 FCC Rules Part 15

FCC ID

:OUCG8D-387H-A

Issue Date :August 1, 2002

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Emission Limitation

FCC ID: OUCG8D-387H-A Model: G8D-387H-A

Mode of EUT : Transmit

'PANIC' Key

