

1.3 TEST CONDITION

1.3.1 The measurement of the AC Powerline Conducted Emissions

- was performed in the following test site.
- was not applicable.
- was not tested.

Test location :

JQA Safety & EMC Center EMC Engineering Department TSURU EMC Branch
2096 Ohata, Tsuru-shi Yamanashi-ken 402-0045, JAPAN

- Shielded Room A
- Shielded Room B
- Anechoic Chamber
- Open Site No.1
- Open Site No.2

Used test instruments :

	<u>Type</u>	<u>Model No.</u>	<u>Manufacturer</u>	<u>Serial No.</u>	<u>Last Cal.</u>	<u>Interval</u>
<input type="checkbox"/>	Test Receiver (R-3)	ESI7	Rohde & Schwarz	100059	2004/11	1 Year
<input checked="" type="checkbox"/>	Test Receiver (R-4)	ESHS30	Rohde & Schwarz	842053/001	2005/2	1 Year
<input type="checkbox"/>	Test Receiver (R-5)	ESCS30	Rohde & Schwarz	100203	2005/2	1 Year
<input type="checkbox"/>	AMN (L-1)	KNW-407	Kyoritsu Electrical	8-833-5	2004/10	1 Year
<input checked="" type="checkbox"/>	AMN (L-2)	KNW-407	Kyoritsu Electrical	8-680-14	2004/10	1 Year
<input type="checkbox"/>	AMN (L-3)	KNW-407	Kyoritsu Electrical	8-757-1	2004/6	1 Year
<input type="checkbox"/>	AMN (L-4)	KNW-242	Kyoritsu Electrical	8-755-1	2004/6	1 Year
<input type="checkbox"/>	AMN (L-5)	KNW-242C	Kyoritsu Electrical	8-837-14	2004/6	1 Year
<input type="checkbox"/>	AMN (L-6)	KNW-243C	Kyoritsu Electrical	8-692-5	2004/9	1 Year
<input type="checkbox"/>	AMN (L-7)	KNW-243C	Kyoritsu Electrical	8-831-3	2004/6	1 Year
<input type="checkbox"/>	AMN (L-8)	KNW-243C	Kyoritsu Electrical	8-831-4	2004/6	1 Year
<input type="checkbox"/>	AMN (L-9)	KNW-243C	Kyoritsu Electrical	8-831-2	2004/9	1 Year
<input type="checkbox"/>	ISN (L-10)	ENY41	Rohde & Schwarz	0830663/046	2005/2	1 Year
<input type="checkbox"/>	ISN (L-11)	ENY22	Rohde & Schwarz	0830661/029	2005/2	1 Year
<input type="checkbox"/>	RF Cable (CB-3)	3D-2W	Fujikura	-	2005/5	1 Year
<input checked="" type="checkbox"/>	RF Cable (CB-4)	3D-2W	Fujikura	-	2005/5	1 Year
<input type="checkbox"/>	RF Cable (CB-5)	3D-2W	Fujikura	-	2005/5	1 Year
<input type="checkbox"/>	Pulse Limiter (PL-3)	ESH3-Z2	Rohde & Schwarz	-	2004/11	1 Year
<input checked="" type="checkbox"/>	Pulse Limiter (PL-4)	ESH3-Z2	Rohde & Schwarz	-	2005/2	1 Year
<input type="checkbox"/>	Pulse Limiter (PL-5)	ESH3-Z2	Rohde & Schwarz	-	2005/2	1 Year
<input type="checkbox"/>	50ohm Termination(TM-1)	BNC-P-1.5	TDC	-	2005/3	1 Year
<input type="checkbox"/>	50ohm Termination(TM-2)	-	Y&R	-	2005/3	1 Year

JQA File No. : 441-50212 FCC ID : ACLAP6E01
Model No. : NN-C994S Issue Date : June 8, 2005
Regulation : CFR 47 FCC Rules Part 18 Page 5 of 16

1.3.2 The measurement of the Radiated Emissions (Magnetic field:0.01 MHz - 30 MHz)

- was performed in the following test site.
 - was not applicable.
 - was not tested.

Test location :

JQA SAFETY & EMC CENTER EMC ENGINEERING DEPT. TSURU EMC BRANCH
2096 Ohata, Tsuru-shi Yamanashi-ken 402-0045, JAPAN

- Anechoic Chamber - 3 meters
 - Open Site No.1 - 10 meters
 - Open Site No.2 - 30 meters

Used test instruments :

<u>Type</u>	<u>Model No.</u>	<u>Manufacturer</u>	<u>Serial No.</u>	<u>Last Cal.</u>	<u>Interval</u>
<input type="checkbox"/> - Test Receiver (R-3)	ESI7	Rohde & Schwarz	100059	2004/11	1 Year
<input type="checkbox"/> - Test Receiver (R-4)	ESHS30	Rohde & Schwarz	842053/001	2005/2	1 Year
<input type="checkbox"/> - Test Receiver (R-5)	ESCS30	Rohde & Schwarz	100203	2005/2	1 Year
<input type="checkbox"/> - Loop Antenna (AL-0)	HFH2-Z2	Rohde & Schwarz	879284/14	2004/6	1 Year

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

___ - was performed in the following test site.

___ - was not applicable.

X - was not tested.

Test location :

JQA Safety & EMC Center EMC Engineering Department TSURU EMC Branch
2096 Ohata, Tsuru-shi Yamanashi-ken 402-0045, JAPAN

___ - Anechoic Chamber	___ - 3 meters
___ - Open Site No.1	___ - 10 meters
___ - Open Site No.2	___ - 30 meters

Validation of Site Attenuation :

1) Last Confirmed Date : 2004/5

2) Interval : 1 year

Used test instruments :

	<u>Type</u>	<u>Model No.</u>	<u>Manufacturer</u>	<u>Serial No.</u>	<u>Last Cal.</u>	<u>Interval</u>
___ -	Test Receiver(R-1)	ESVS10	Rohde & Schwarz	84231/004	2005/3	1 Year
___ -	Test Receiver(R-2)	ESVS10	Rohde & Schwarz	843744/018	2004/7	1 Year
___ -	Test Receiver(R-3)	ESI7	Rohde & Schwarz	100059	2004/11	1 Year
___ -	Test Receiver(R-5)	ESCS30	Rohde & Schwarz	100203	2005/2	1 Year
___ -	Biconical Antenna(AB-1)	BBA9106	Schwarzbeck	VHA91031741	2005/5	1 Year
___ -	Biconical Antenna(AB-2)	BBA9106	Schwarzbeck	VHA91031516	2005/5	1 Year
___ -	Biconical Antenna(AB-3)	BBA9106	Schwarzbeck	VHA11905516	2005/5	1 Year
___ -	Log-Periodic Antenna(AL-3)	UHALP9108	Schwarzbeck	0278	2005/5	1 Year
___ -	Log-Periodic Antenna(AL-4)	USLP9143	Schwarzbeck	140	2004/6	1 Year
___ -	Dipole Antenna(AD-1)	KBA-511A	Kyoritsu Electrical	0-195-5	2004/9	1 Year
___ -	Dipole Antenna(AD-2)	KBA-511A	Kyoritsu Electrical	0-228-13	2004/9	1 Year
___ -	Dipole Antenna(AD-3)	KBA-611	Kyoritsu Electrical	0-196-8	2004/9	1 Year
___ -	Dipole Antenna(AD-4)	KBA-611	Kyoritsu Electrical	0-230-6	2004/9	1 Year
___ -	RF Cable(CN-1)	20D/5D-2W	Fujikura	-	2005/5	1 Year
___ -	RF Cable(CN-2)	20D/5D-2W	Fujikura	-	2005/5	1 Year
___ -	RF Cable(CN-3)	20D/5D-2W	Fujikura	-	2005/5	1 Year

Setting of the spectrum analyzer :

Resolution Bandwidth: 1 MHz
Video Bandwidth : 10 Hz
Sweep Time : 5 sec.
Scale : Linear

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

- was performed in the following test site.
 - was not applicable.
 - was not tested.

Test location :

JQA Safety & EMC Center EMC Engineering Department TSURU EMC Branch
 2096 Ohata, Tsuru-shi Yamanashi-ken 402-0045, JAPAN

- | | |
|---------------------------------------------|--------------------------------------|
| <input type="checkbox"/> - Anechoic Chamber | <input type="checkbox"/> - 3 meters |
| <input type="checkbox"/> - Open Site No.1 | <input type="checkbox"/> - 10 meters |
| <input type="checkbox"/> - Open Site No.2 | <input type="checkbox"/> - 30 meters |

Validation of Site Attenuation :

- 1) Last Confirmed Date : N/A
 2) Interval : N/A

Used test instruments :

Type	Model No.	Manufacturer	Serial No.	Last Cal.	Interval
<input type="checkbox"/> - Test Receiver (R-3)	ESI7	Rohde & Schwarz	100059	2004/11	1 Year
<input type="checkbox"/> - Test Receiver (R-5)	ESCS30	Rohde & Schwarz	100203	2005/2	1 Year
<input type="checkbox"/> - Spectrum Analyzer (S-1)	R3361C	Advantest	71720774	2005/4	1 Year
<input type="checkbox"/> - Spectrum Analyzer (S-4)	8563E	Hewlett Packard	3221A00201	2005/4	1 Year
<input type="checkbox"/> - Log-PeriodicAntenna (AL-4)	USLP9143	Schwarzbeck	140	2004/6	1 Year
<input type="checkbox"/> - Log-PeriodicAntenna (AL-5)	94612-1	Eaton	97062301	2005/4	1 Year
<input type="checkbox"/> - Horn Antenna (AH-5)	12-12	Scientific Atlanta	770	2005/5	1 Year
<input type="checkbox"/> - RF Cable (CS-1)	SUCOFLEX 104	Suhner	121947/4	2005/5	1 Year
<input type="checkbox"/> - RF Cable (CS-2)	SUCOFLEX 104	Suhner	35687/4	2005/5	1 Year
<input type="checkbox"/> - RF Cable (CS-3)	SUCOFLEX 104	Suhner	39934/4	2005/5	1 Year
<input type="checkbox"/> - RF Cable (CS-4)	SUCOFLEX 104	Suhner	52053/4	2005/5	1 Year
<input type="checkbox"/> - RF Cable (CS-5)	SUCOFLEX 104	Suhner	52146/4	2005/5	1 Year
<input type="checkbox"/> - Pre-Amplifier; (PA-1)	WJ-6811-513	Watkins Johnson	0288	2005/5	1 Year
<input type="checkbox"/> - Pre-Amplifier; (PA-2)	WJ-6682-824	Watkins Johnson	0052	2005/5	1 Year
<input type="checkbox"/> - Pre-Amplifier; (PA-3)	WJ-6870-506	Watkins Johnson	0018	2005/5	1 Year