

APPENDIX 3: Photographs of test setup

Conducted Emission

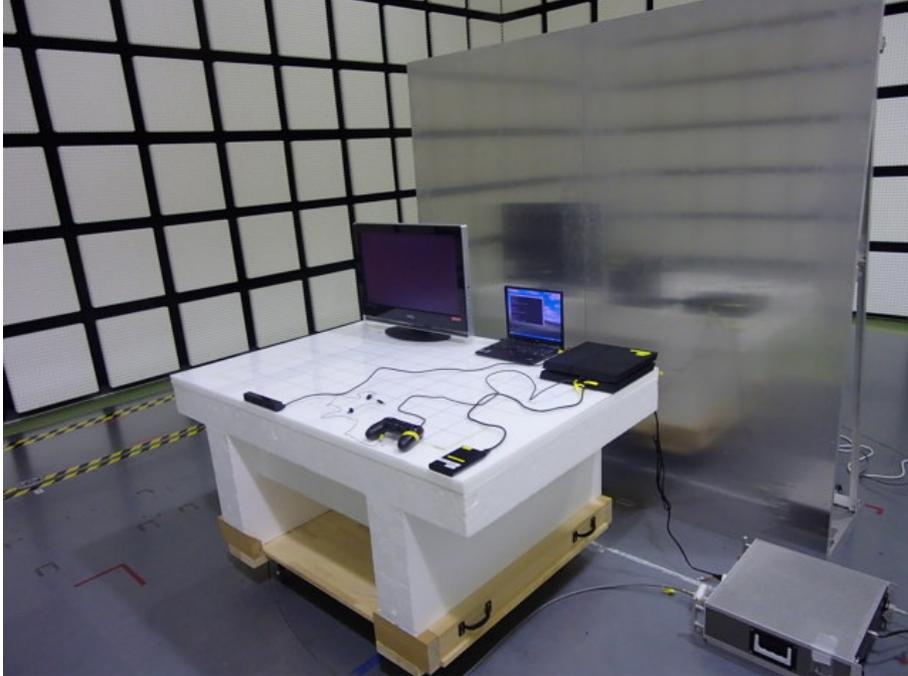


Photo 1

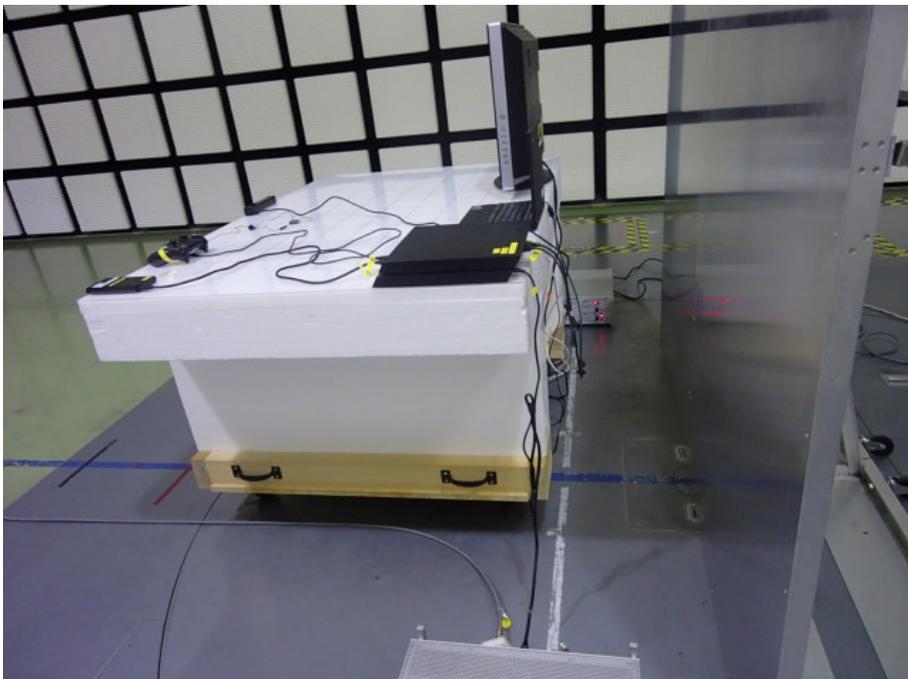


Photo 2

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Radiated Spurious Emission



Photo 1

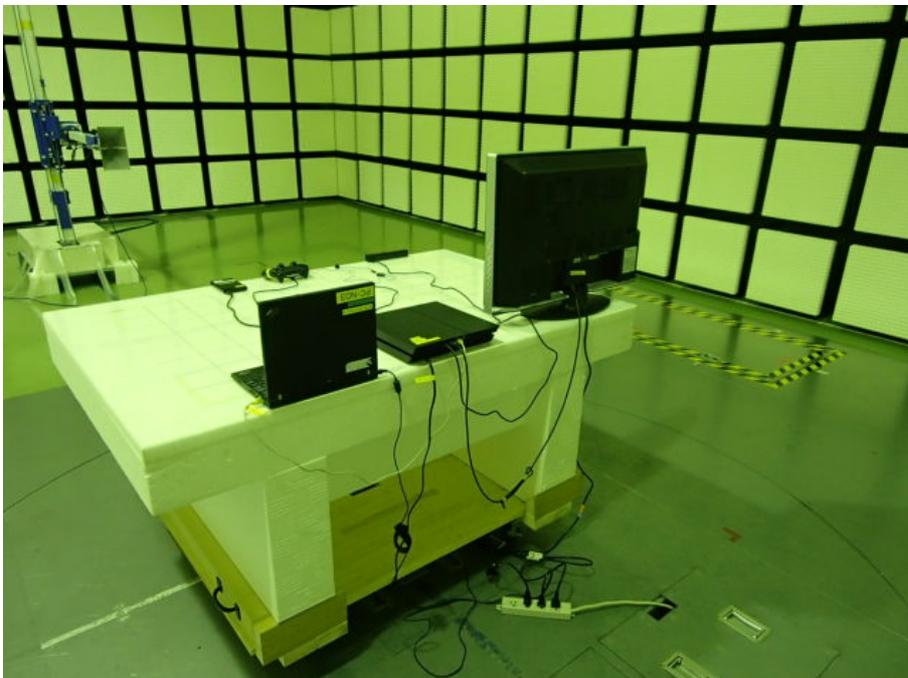


Photo 2

UL Japan, Inc.
Ise EMC Lab.

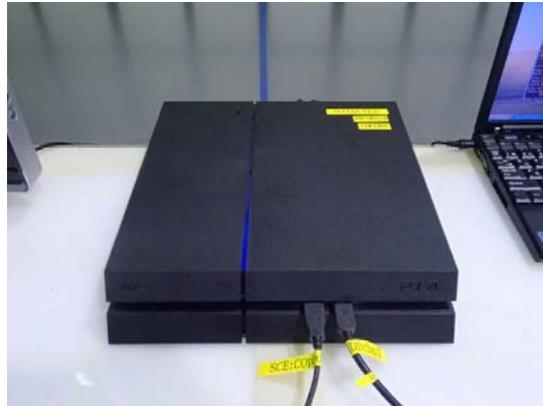
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Worst Case Position (Horizontal: X-axis/ Vertical:Y-axis)

X-axis

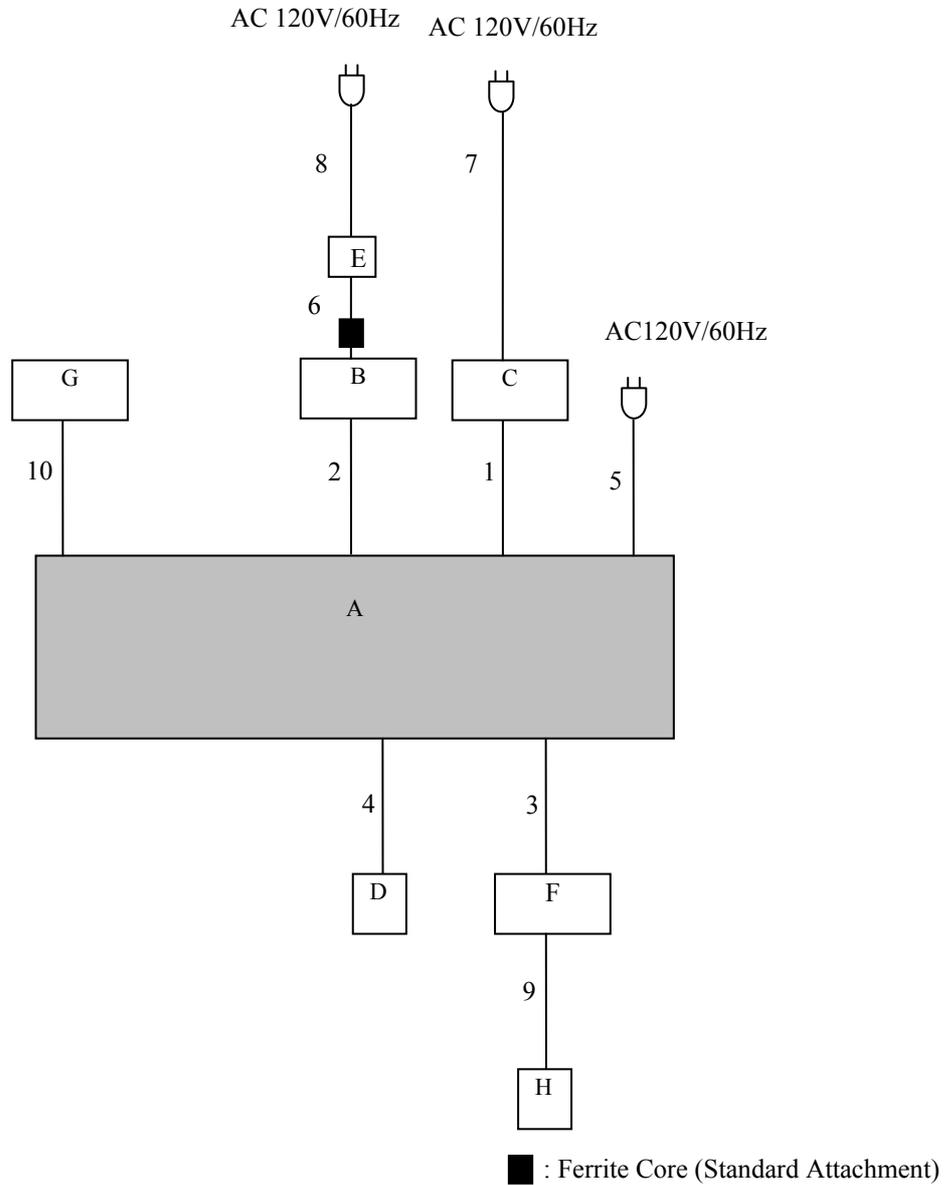


Y-axis



Test Configuration and peripherals

< Conducted Emission and Radiated Spurious Emission tests >



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

Description of EUT and Support equipment

No	Item	Model number	Serial number	Manufacturer	Remarks
A	Computer Entertainment System	CUH-1215A	1420001 *1) 1440002 *2)	Sony Computer Entertainment	EUT
B	Laptop PC	X40	KV-22368	IBM	-
C	Monitor	VW26L+DTV2 0F	LFMBBAI1333183	VIZIO	-
D	USB3.0 HDD	HD-EG5 BE (500G)	8CV0A5K34118A63	SONY	-
E	AC Adaptor	02K6810	11S02K6810Z1Z3BJ56957P	IBM	-
F	Controller	CUH-ZCT1U	FEP11PVT300117	Sony Computer Entertainment	-
G	Camera	CUH-ZEY1	00008	Sony Computer Entertainment	-
H	Earphone	-	-	Sony Computer Entertainment	-

List of cables used

No	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	HDMI Cable	2.0	Shielded	Shielded	-
2	LAN Cable	1.0	Unshielded	Unshielded	-
3	USB Cable	1.5	Shielded	Shielded	-
4	USB Cable	1.0	Shielded	Shielded	-
5	AC Cable	1.5	Unshielded	Unshielded	-
6	DC Cable	1.8	Shielded	Shielded	-
7	AC Cable	1.5	Unshielded	Unshielded	-
8	AC Cable	1.0	Unshielded	Unshielded	-
9	Earphone Cable	1.2	Unshielded	Unshielded	-
10	USB Cable	2.0	Shielded	Shielded	-

*1) Used for test with Power Supply: DELTA

*2) Used for test with Power Supply: Chicony

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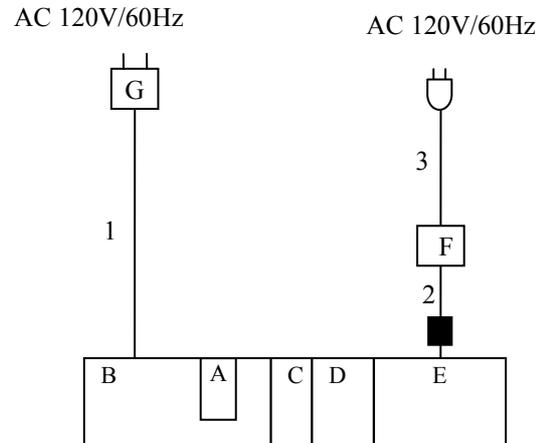
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< Antenna conducted test >



■ : Ferrite Core (Standard Attachment)

* 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	WLAN/BT Module	AW-NB218	605BB40016BD	AzureWave	*1)
B	Jig Board	-	-	-	-
C	SDIO Adapter	SK-1520	SK012C082	MARVELL	-
D	Express Card	5-K108-01A	-	Addonics Technologies	-
E	Laptop PC	Thinkpad X230	R9-X86PD	lenovo	-
F	AC Adapter	92P1156	11S92P1156Z1ZDXN849DRH	lenovo	-
G	AC Adapter	EPSA050250U	LF1R01111500553	V-Infinity	-

List of cables used

No	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	1.5	Unshielded	Unshielded	-
2	DC Cable	1.7	Shielded	Shielded	-
3	AC Cable	0.8	Unshielded	Unshielded	-

*1) Antenna conducted test was conducted with WLAN/BT Module installed in the EUT. There is no difference in radio characteristic between the EUT and WLAN/BT Module.

End of Report

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