

APPENDIX 3: Photographs of test setup

Conducted Emission



Photo 1



Photo 2

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Radiated Spurious Emission

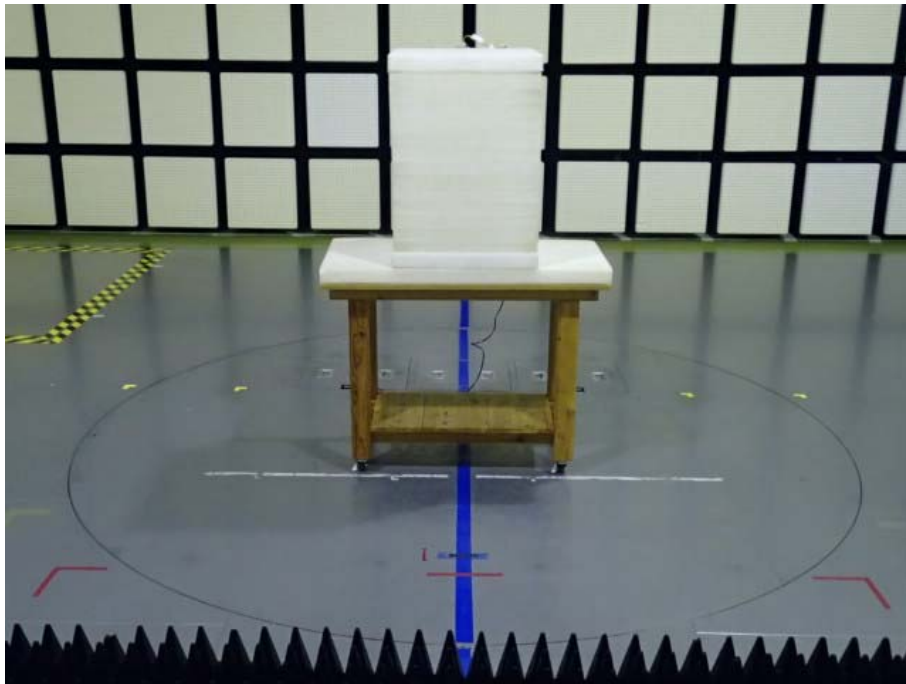


Photo 1



Photo 2

Worst Case Position

(Module / WLAN Antenna WA/WB)

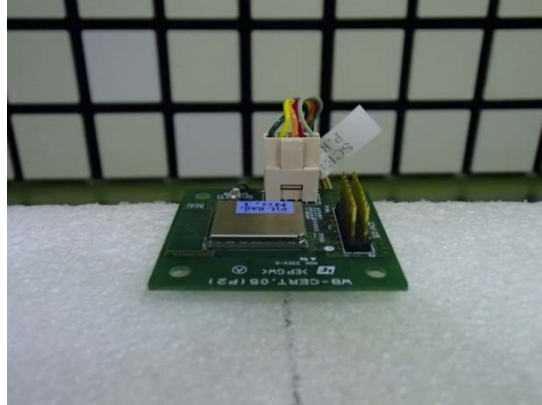
WLAN Above 1 GHz (Horizontal: X-axis/ Vertical: Y-axis)

BT LE Above 1 GHz (Horizontal: X-axis/ Vertical: X-axis)

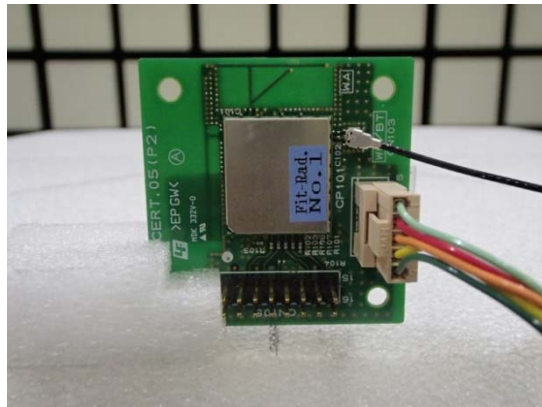
WLAN Below 1 GHz (Horizontal: X-axis/ Vertical: X-axis)

BT LE Below 1 GHz (Horizontal: X-axis/ Vertical: X-axis)

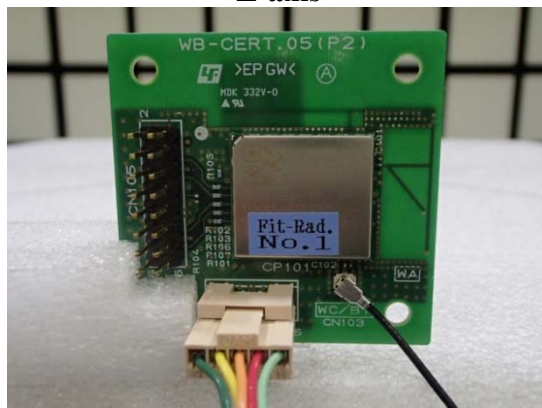
X-axis



Y-axis



Z-axis



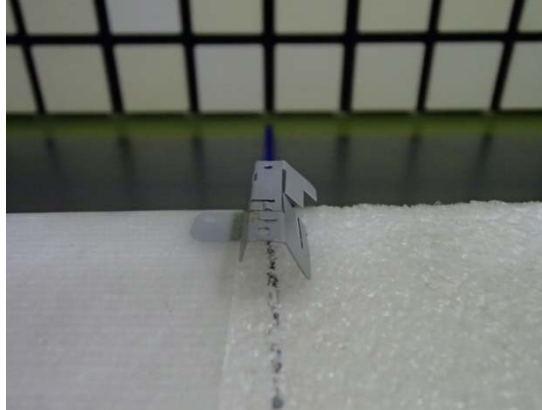
Worst Case Position

(BT Antenna WC)

Above 1 GHz (Horizontal: X-axis/ Vertical: Y-axis)

Below 1 GHz (Horizontal: X-axis/ Vertical: X-axis)

X-axis



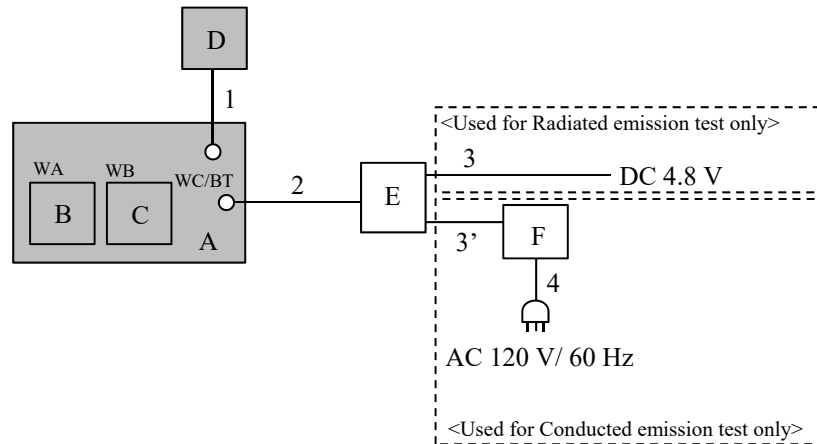
Y-axis



Z-axis



Test 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 communication module	J20H096	No.1	Sony Interactive Entertainment	EUT
B	IFA Antenna	- (PWB Printed Antenna)	*1)	Sony Interactive Entertainment	EUT
C	IFA Antenna	- (PWB Printed Antenna)	*1)	Sony Interactive Entertainment	EUT
D	PIFA Antenna	2327815	No.2	TE Connectivity	EUT
E	Jig	-	No.2	Sony Interactive Entertainment	-
F	DC Power Supply	PMC35-2A	RM000298	KIKUSUI	*2)

List of cables used

No	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	Antenna Cable	0.33	Shielded	Shielded	-
2	DC + Signal Cable	0.20	Unshielded	Unshielded	-
3	DC Cable	2.50	Unshielded	Unshielded	*3)
3'	DC Cable	0.40	Unshielded	Unshielded	*2)
4	AC Cable	2.20	Unshielded	Unshielded	*2)

*1) This item is controlled with A: Wireless communication module.

*2) Used for Conducted Emission test only.

*3) Used for Radiated Spurious Emission and Antenna Terminal Conducted tests.

End of Report

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