APPENDIX 3: Photographs of test setup

Conducted Emission

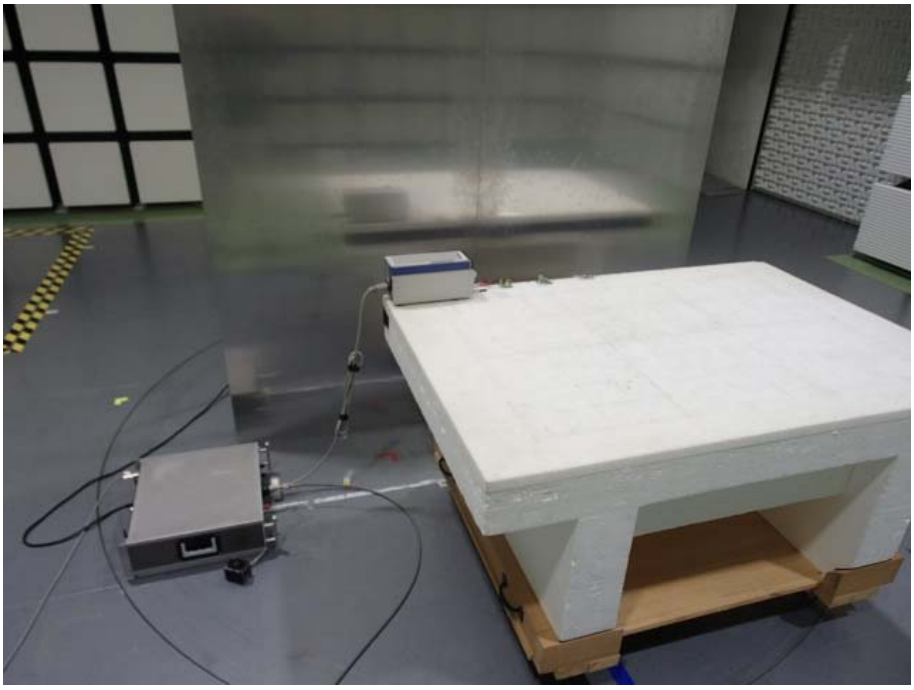


Photo 1

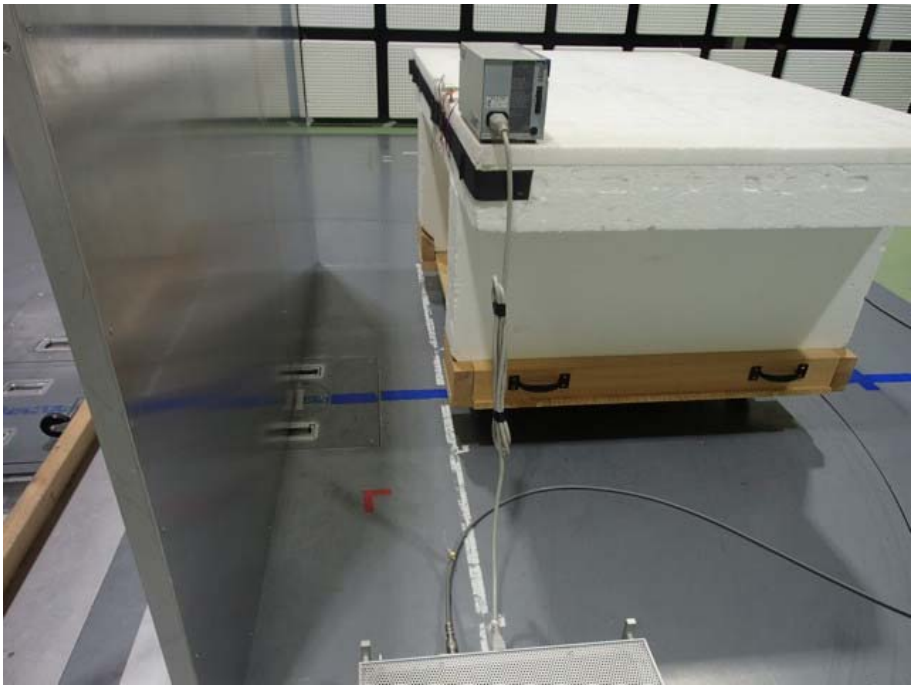


Photo 2

Radiated Spurious Emission
(WLAN)

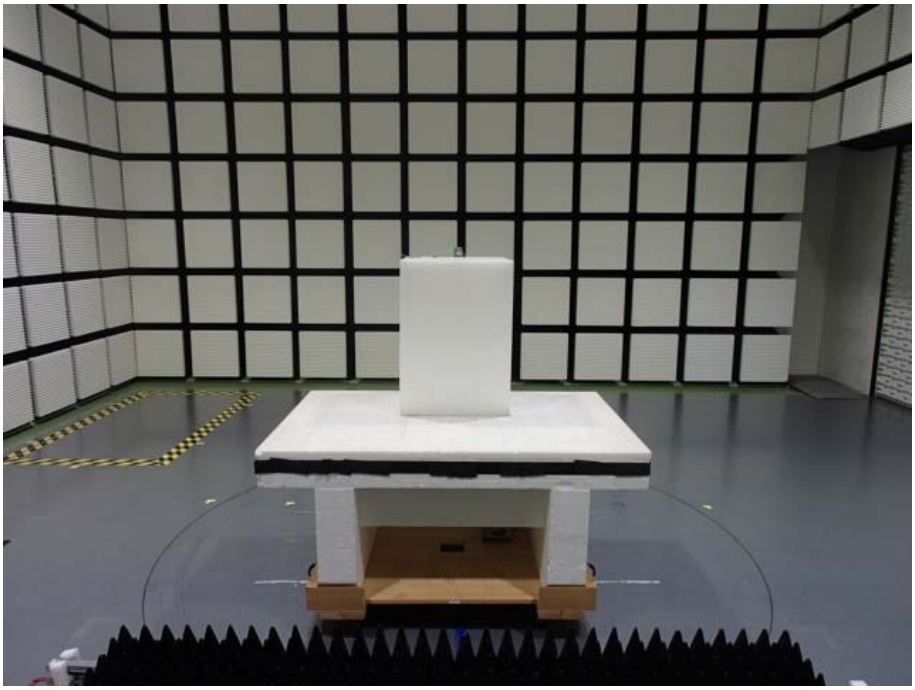


Photo 1

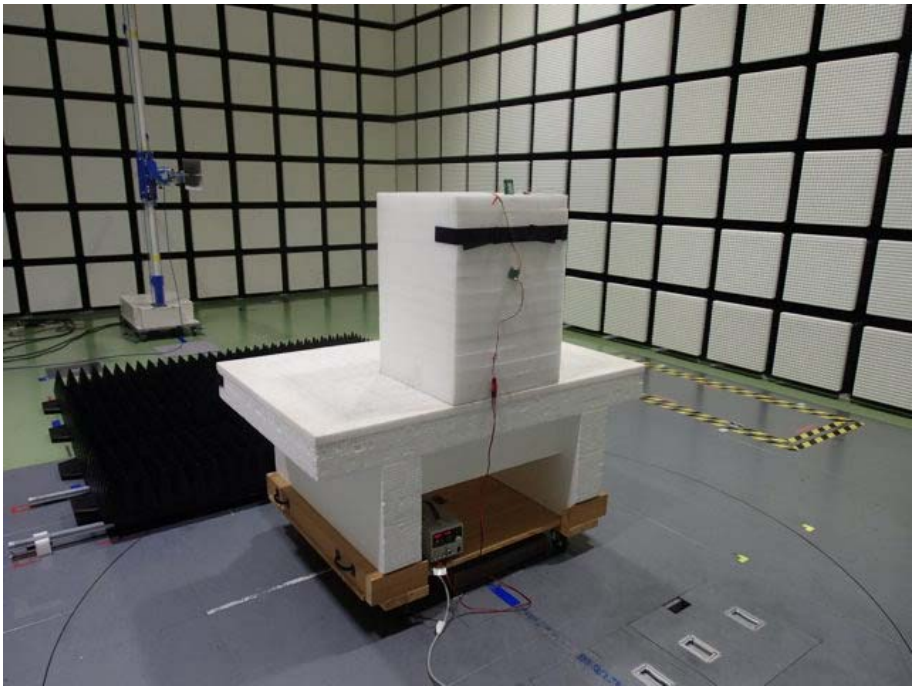


Photo 2

Radiated Spurious Emission
(BT1)

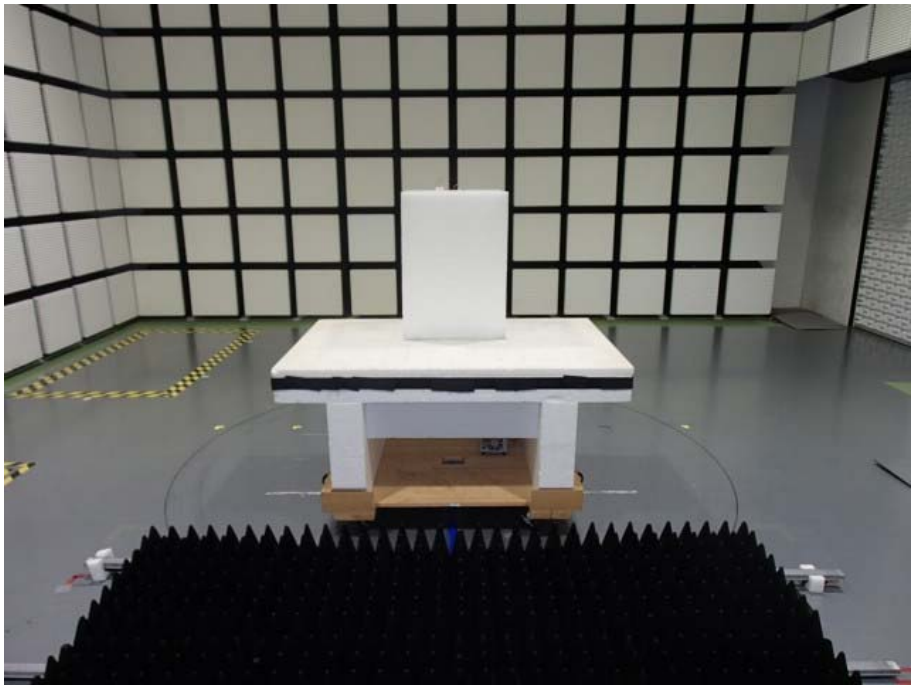


Photo 1

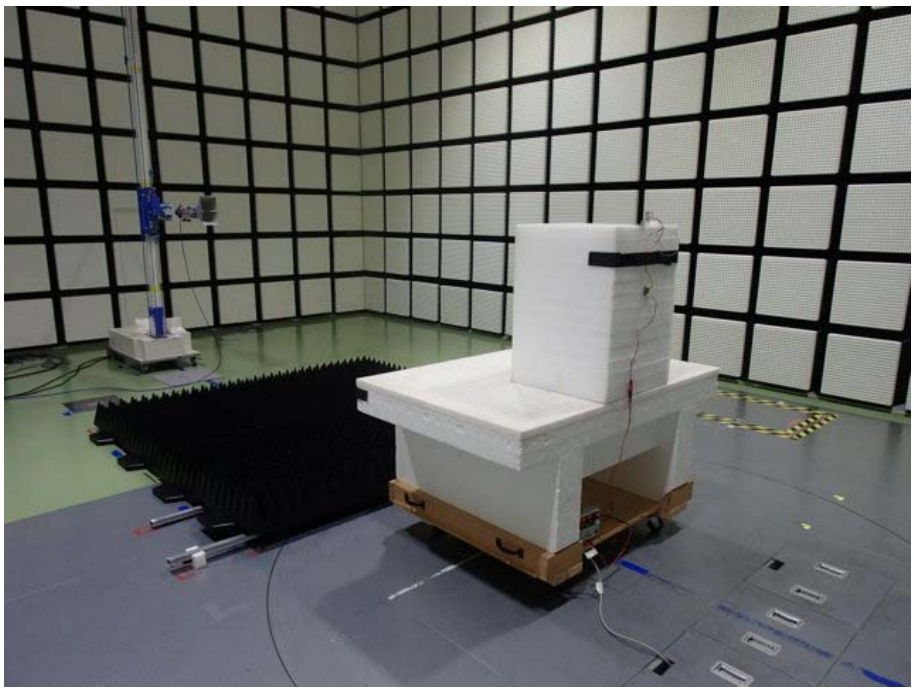


Photo 2

Radiated Spurious Emission
(BT2)

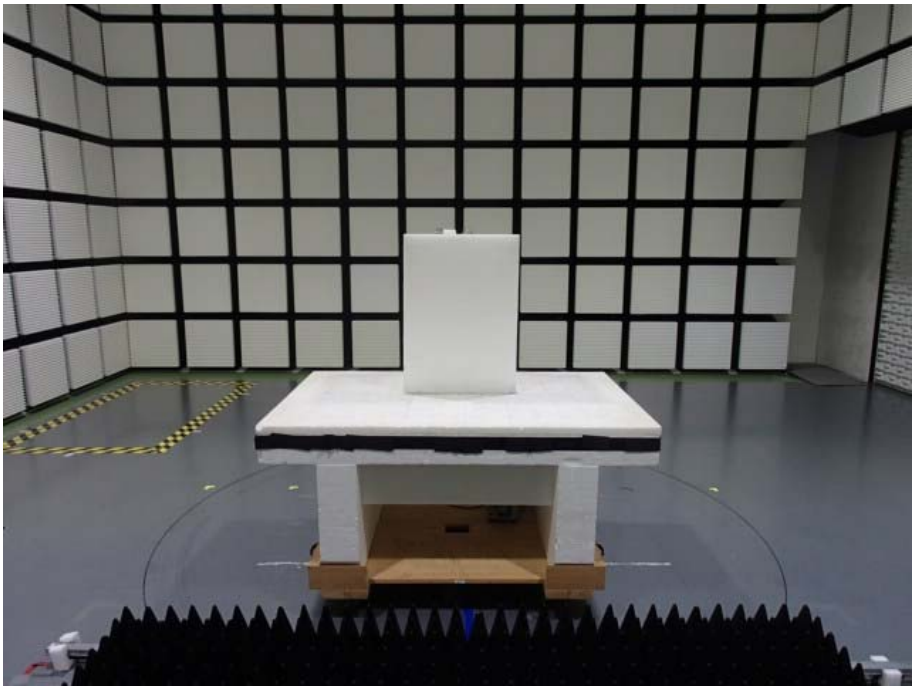


Photo 1

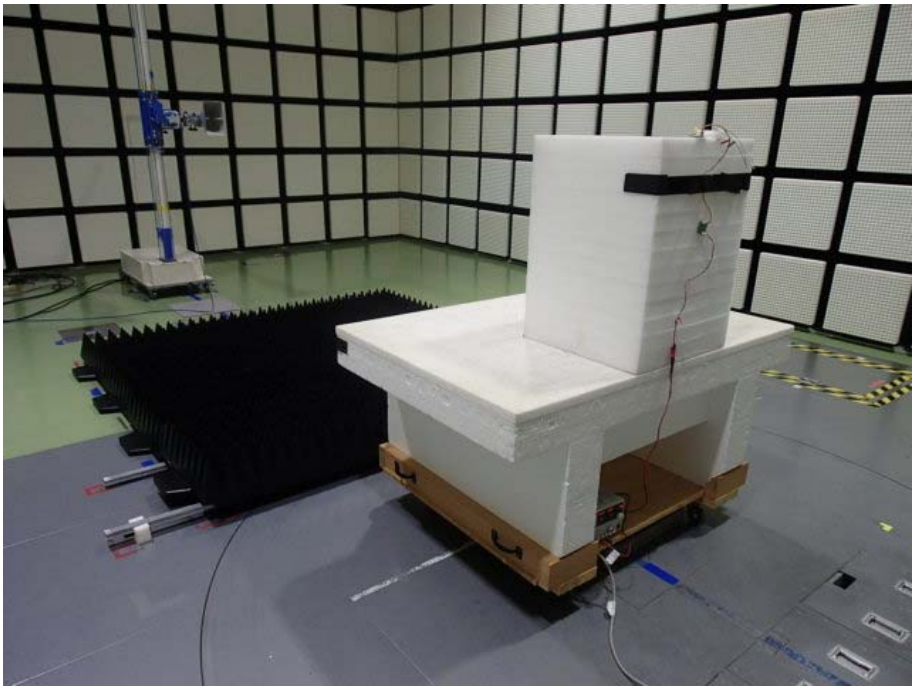
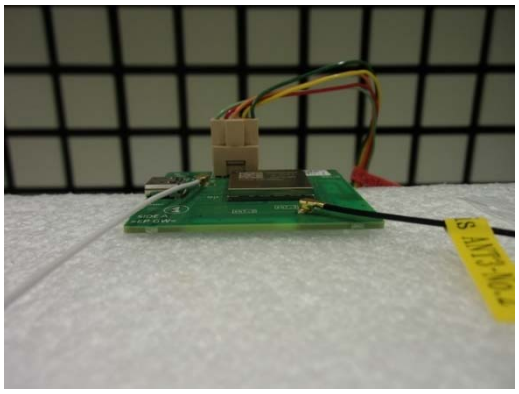


Photo 2

Worst Case Position
(Module + Antenna 1 and 2)

WLAN	Horizontal: Y-axis/ Vertical: Y-axis
BT1	Horizontal: X-axis/ Vertical: Z-axis
BT2	Horizontal: X-axis/ Vertical: Y-axis

X-axis



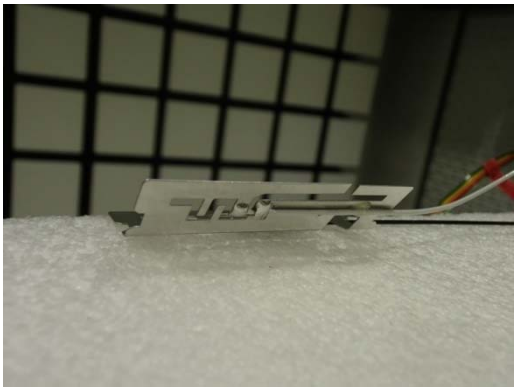
Y-axis

Z-axis

Worst Case Position
(Antenna 3 and 4)

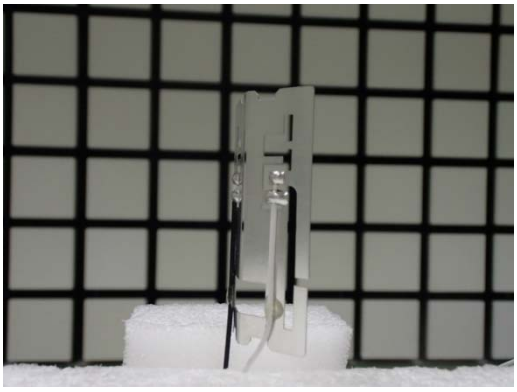
Antenna 3	Horizontal: Y-axis/ Vertical: Z-axis
Antenna 4	Horizontal: Z-axis/ Vertical: Y-axis

Antenna 3
X-axis

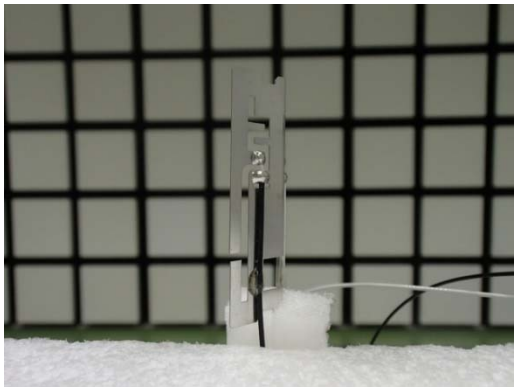


Antenna 4
X-axis

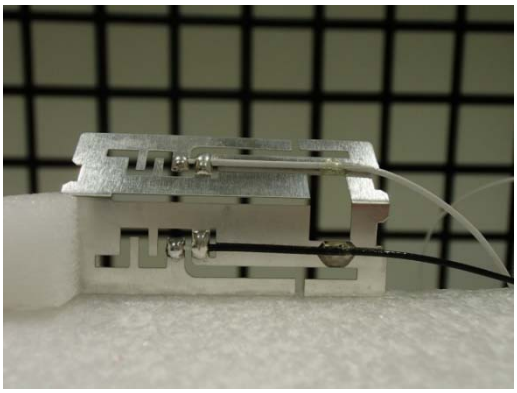
Y-axis



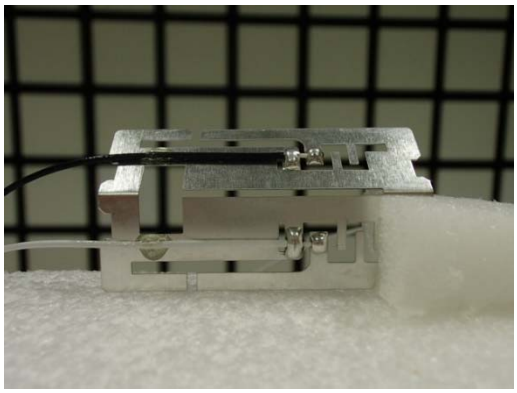
Y-axis



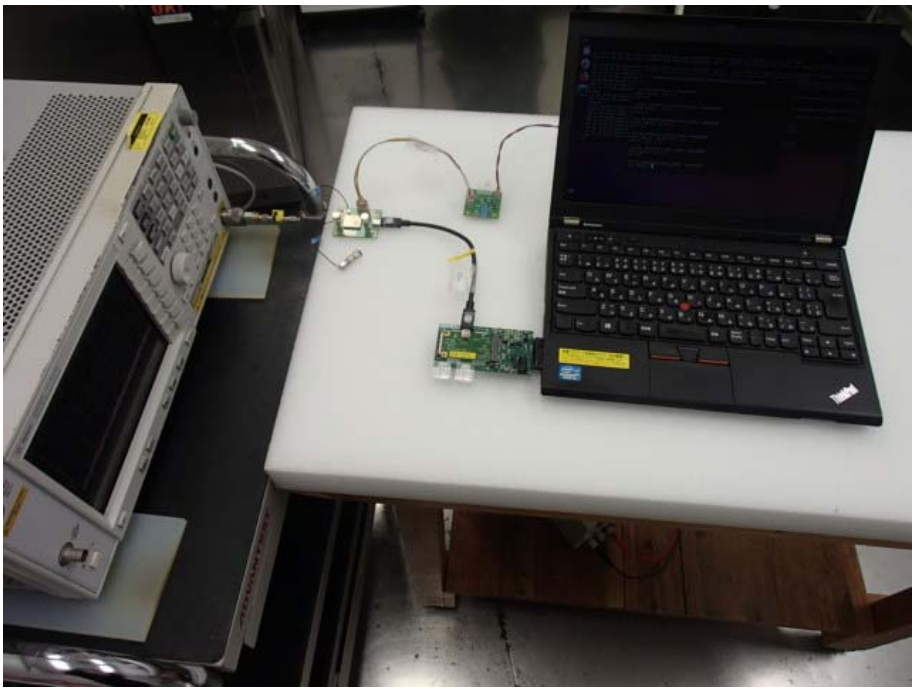
Z-axis



Z-axis



Antenna Terminal Conducted Tests



Photo

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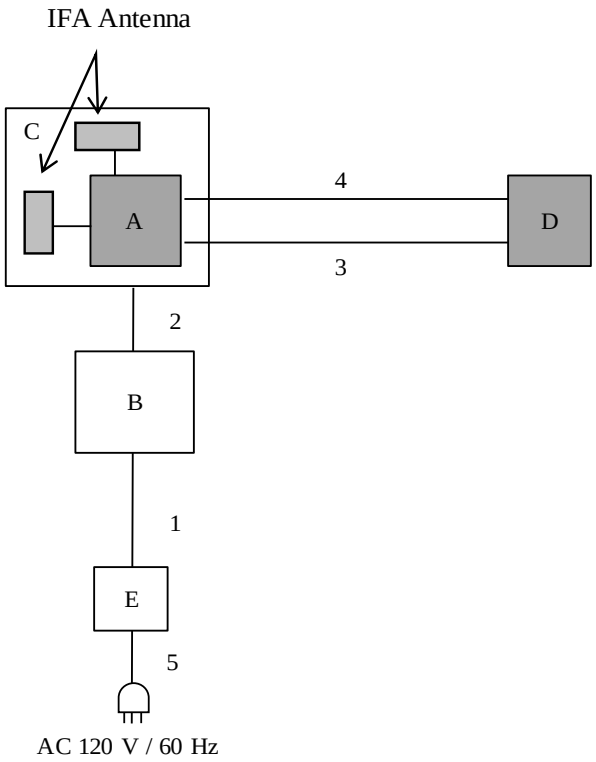
Test Configuration and peripherals

For Conducted Emission and Radiated Spurious Emission tests



* Cabling and setup(s) were taken into consideration and test data was taken under worse case conditions.

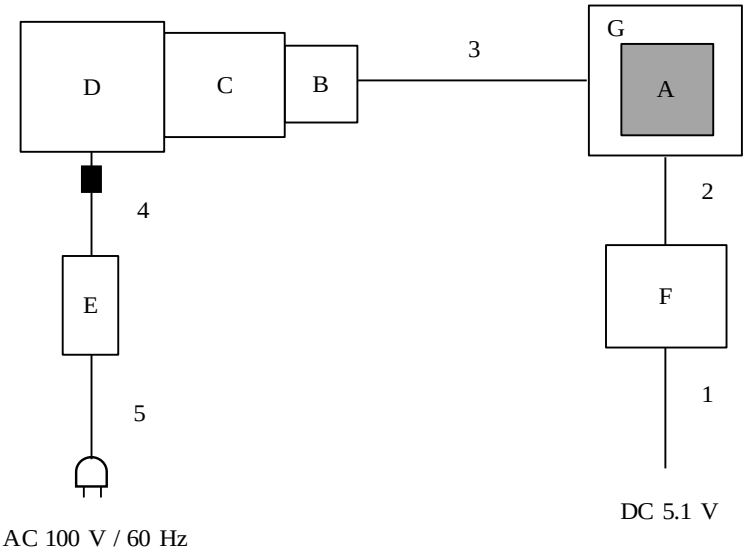
Description of EUT and Support equipment

No.	Item	Model number	Serial number	Manufacturer	Remarks
A	Wireless communication module	AW-XM501	Almeida Rad-No.1	AzureWave	EUT
B	Jig Board	Power supply JIG Board	P-JIG No.3	Sony Interactive Entertainment Inc.	-
C	Jig Board	Almeida Rad	Almeida Rad-No.1	Sony Interactive Entertainment Inc.	-
D	PIFA Antenna	L34RF068	201208A0LW	LUXSHARE-ICT	EUT
E	DC Power supply	PMC35-2A	RM000298	KIKUSUI	For CE
		PW16-2ATP	GJR810407	TEXIO	For RE

List of cables used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	2.50	Unshielded	Unshielded	-
2	DC Cable	0.40	Unshielded	Unshielded	-
3	Antenna Cable	0.50	Shielded	Shielded	-
4	Antenna Cable	0.45	Shielded	Shielded	-
5	AC Cable	2.20 for CE 1.80 for RE	Unshielded	Unshielded	-

For Antenna Terminal Conducted tests



■ : Standerd Ferrite Core

* Cabling and setup(s) 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	AW-XM501	Almeida Con-No.2	AzureWave	EUT for WLAN
			Almeida Con-No.1		EUT for BLE
B	Jig Board	MC-USB Extender	PCIE-USB No.1	Sony Interactive Entertainment Inc.	for WLAN
			PCIE-USB No.4		for BLE
C	Jig Board	EC-MC Extender	EC-MC No.1	Marvell	for WLAN
			EC-MC No.4		for BLE
D	Laptop PC	Think Pad X230	R9-W6R2Z	Lenovo	for WLAN
			PK1R2N9		for BLE
E	AC Adapter	7637D37(XP/D)	11S92P1160Z1ZB GH84KA2B	Lenovo	for WLAN
		ADLX65NLT2A	11S45N0319Z1ZL ZF37B8M4		for BLE
F	Jig Board	Power supply JIG Board	P-JIG No.2	Sony Interactive Entertainment Inc.	for WLAN
			P-JIG No.1		for BLE
G	Jig Board	Almeida Con	Almeida Con-No.2	Sony Interactive Entertainment Inc.	for WLAN
			Almeida Con-No.1		for BLE

List of cables used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	1.30	Unshielded	Unshielded	-
2	Signal Cable	0.20	Unshielded	Unshielded	-
3	USB Cable	0.25	Shielded	Shielded	-
4	DC Cable	1.80	Shielded	Shielded	-
5	AC Cable	1.00	Unshielded	Unshielded	-

End of Report

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