

APPENDIX 3: Photographs of Test Setup

Conducted Emission

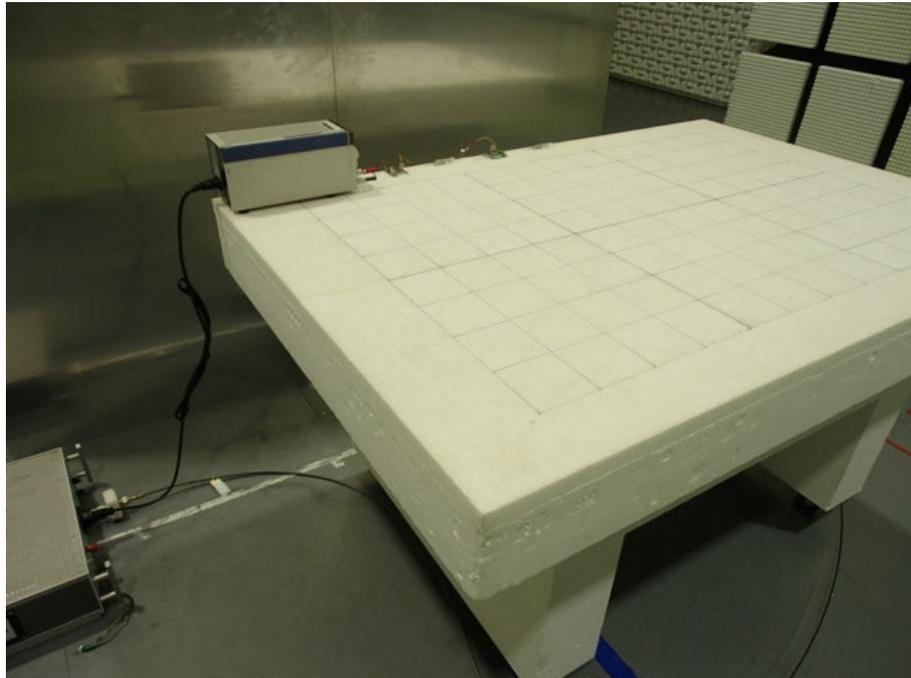


Photo 1

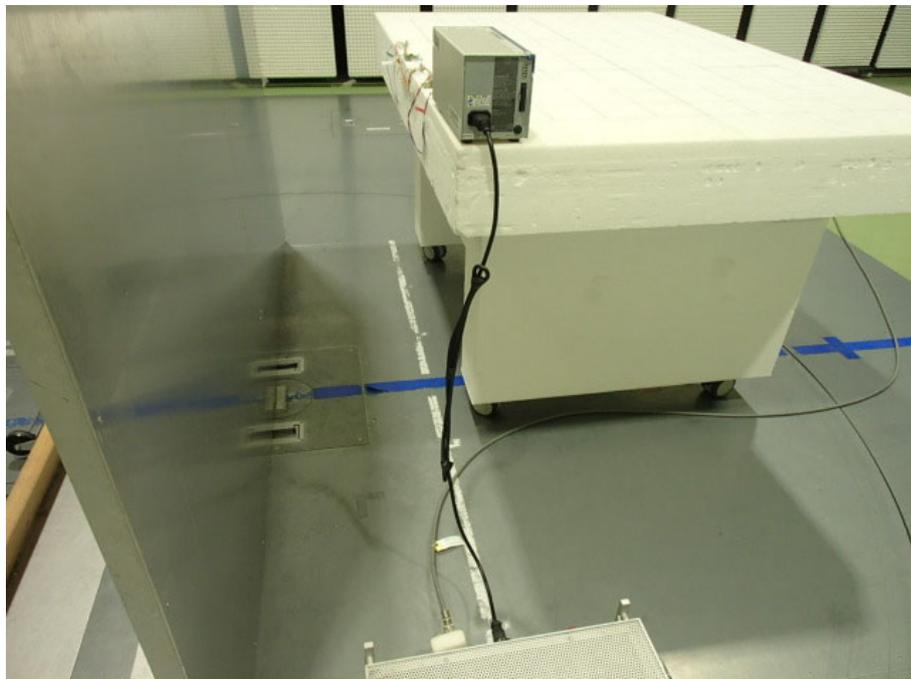


Photo 2

Radiated Spurious Emission
(WLAN)

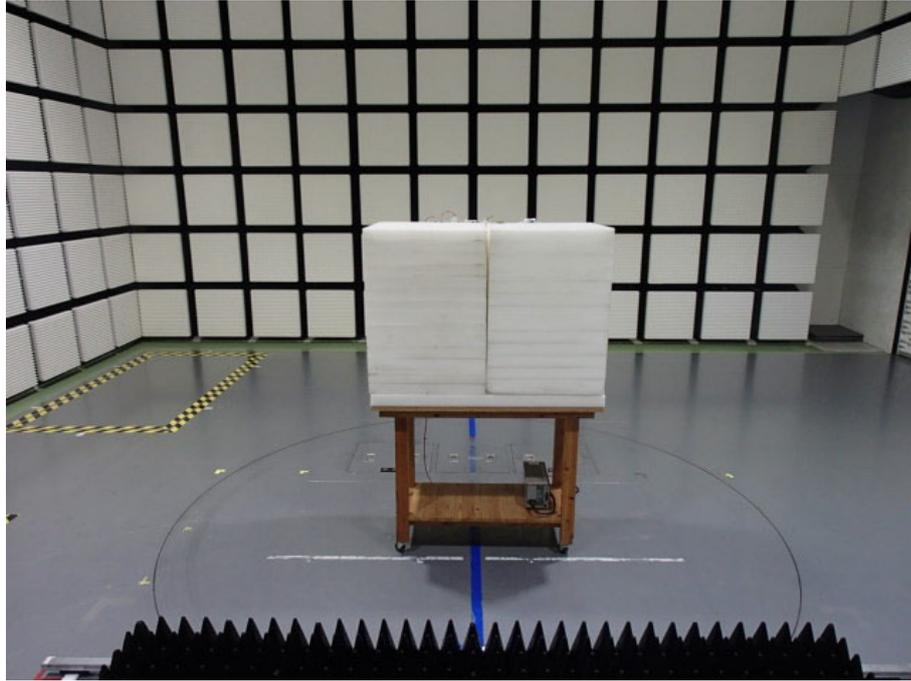


Photo 1

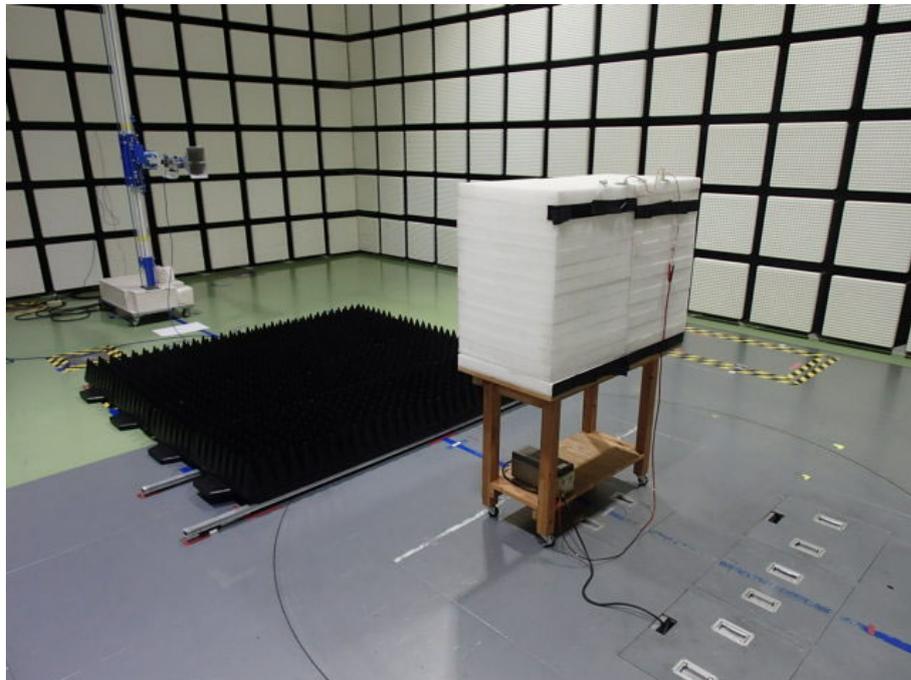


Photo 2

Radiated Spurious Emission
(BT1)

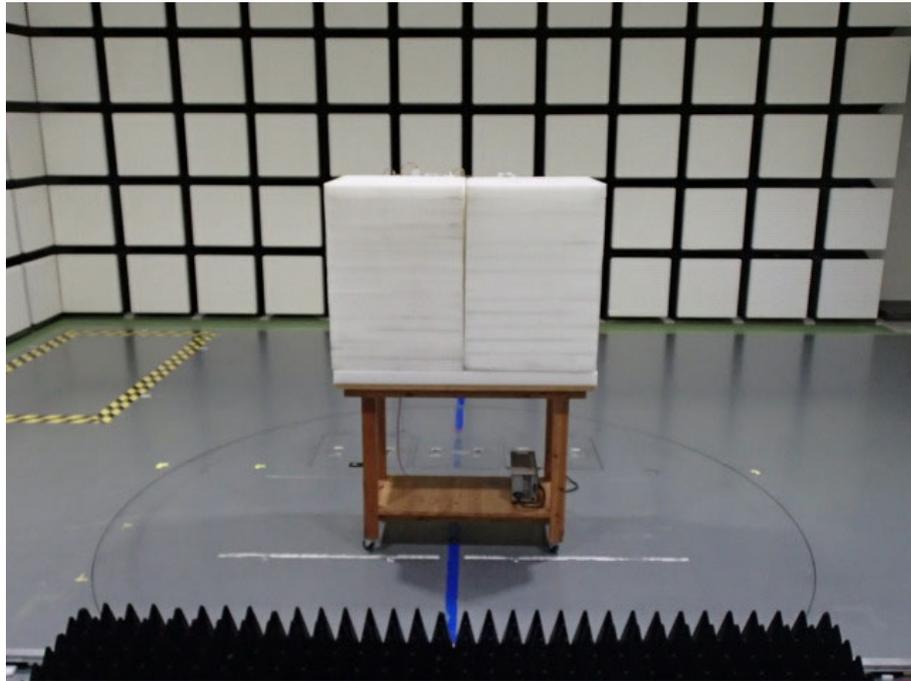


Photo 1

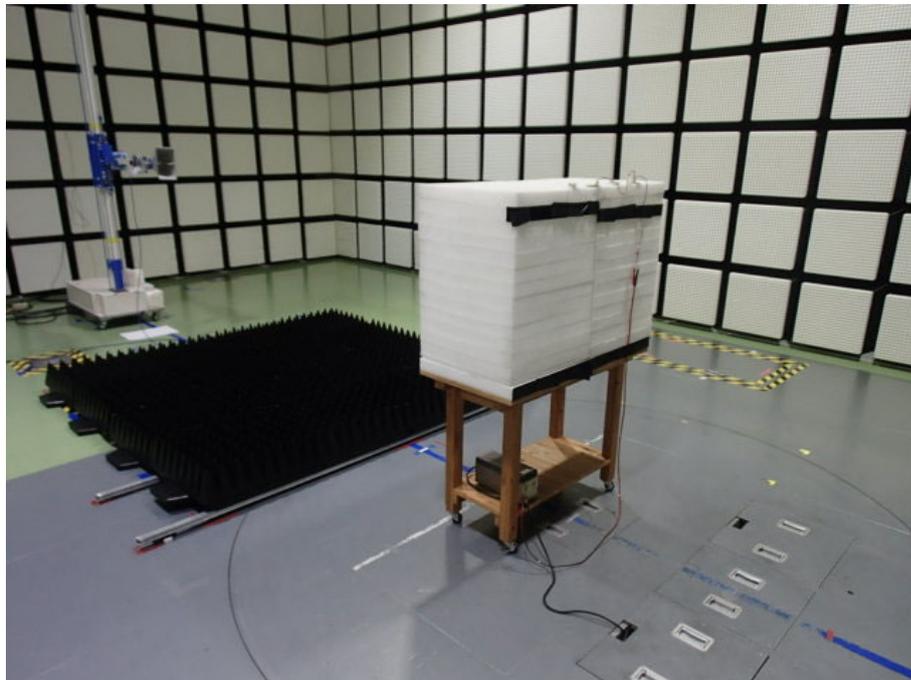


Photo 2

Radiated Spurious Emission
(BT2)

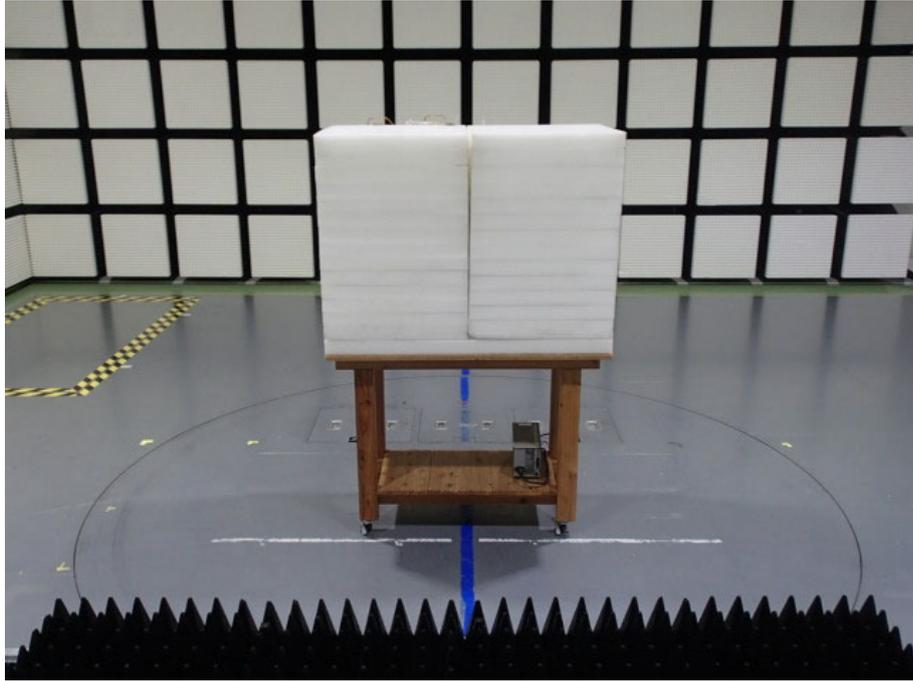


Photo 1

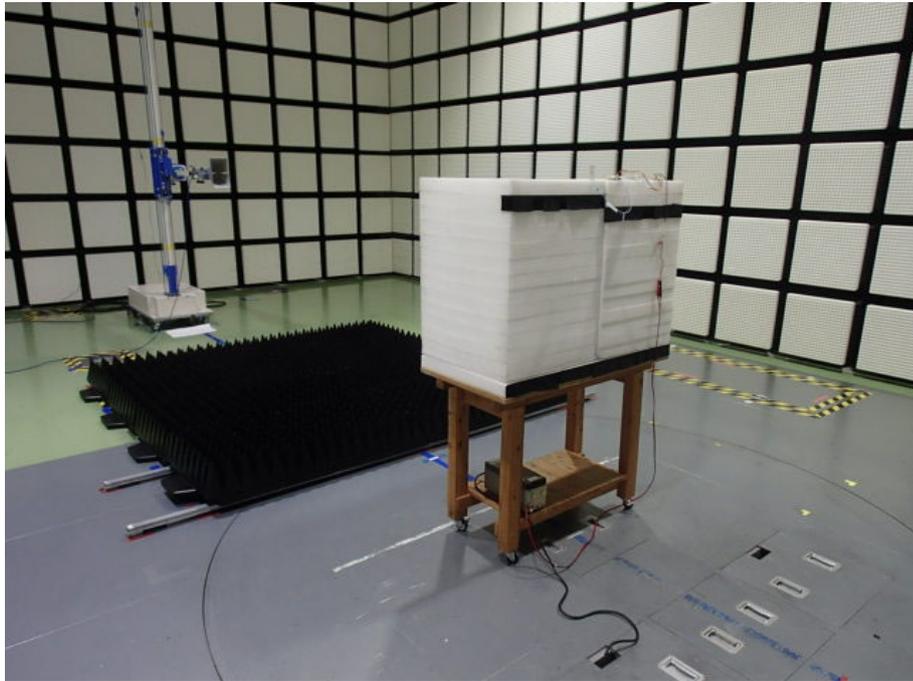
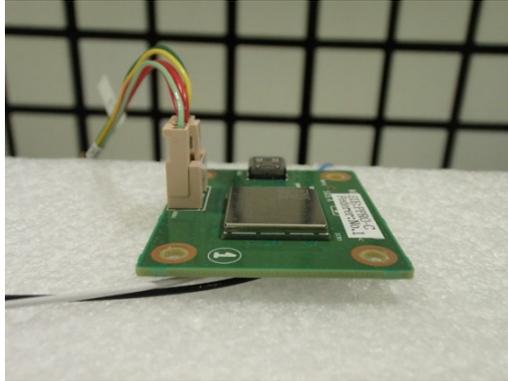


Photo 2

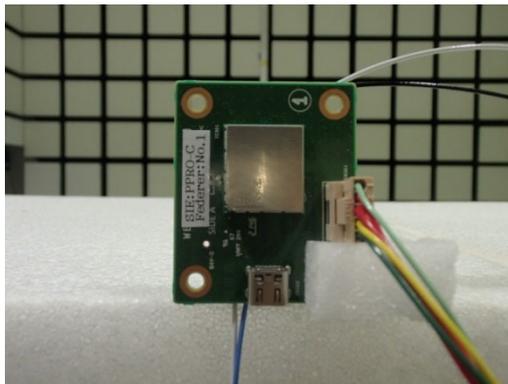
Worst Case Position
(Module)

	Below 1 GHz	Above 1 GHz
WLAN	Horizontal: X-axis / Vertical: X-axis	Horizontal: X-axis / Vertical: X-axis
BT1	Horizontal: X-axis / Vertical: X-axis	Horizontal: X-axis / Vertical: X-axis
BT2	Horizontal: X-axis / Vertical: X-axis	Horizontal: X-axis / Vertical: X-axis

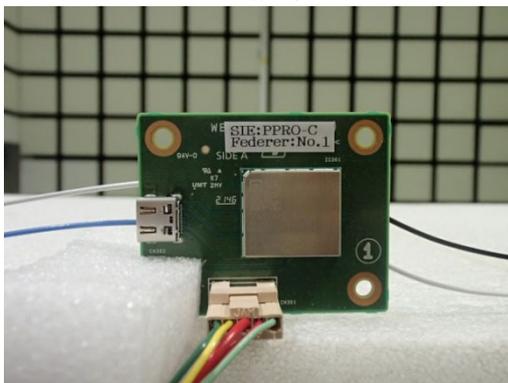
X-axis



Y-axis



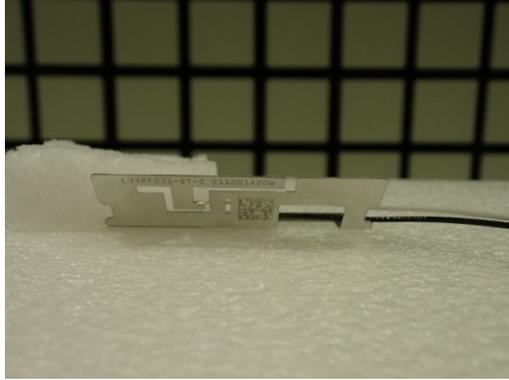
Z-axis



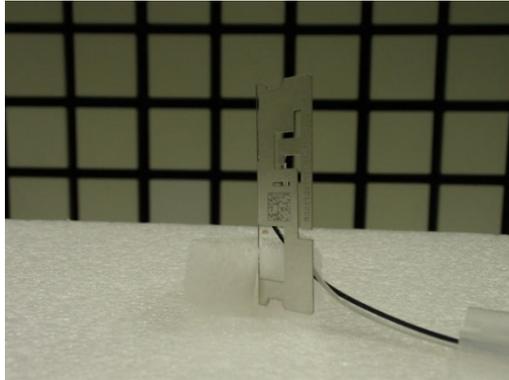
Worst Case Position
(Antenna 1 and 2)

	Below 1 GHz	Above 1 GHz
Antenna 1, 2	Horizontal: X-axis / Vertical: X-axis	Horizontal: X-axis / Vertical: Z-axis

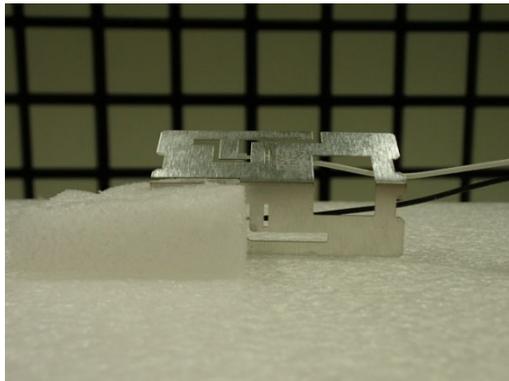
X-axis



Y-axis



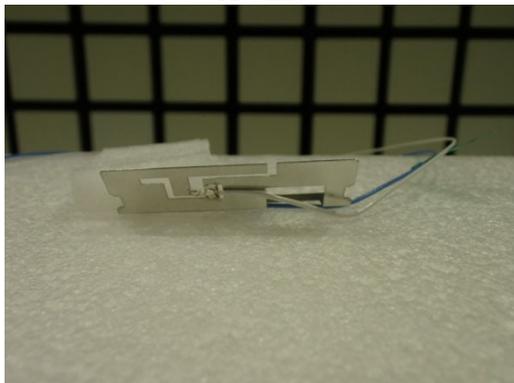
Z-axis



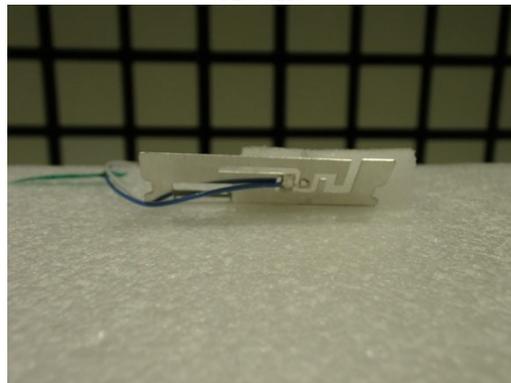
Worst Case Position
(Antenna 3 and 4)

	Below 1 GHz	Above 1 GHz
Antenna 3	Horizontal: X-axis / Vertical: X-axis	Horizontal: X-axis / Vertical: Y-axis
Antenna 4	Horizontal: X-axis / Vertical: X-axis	Horizontal: Y-axis / Vertical: Z-axis

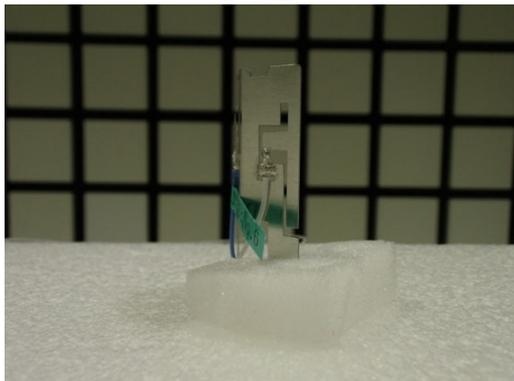
Antenna 3
X-axis



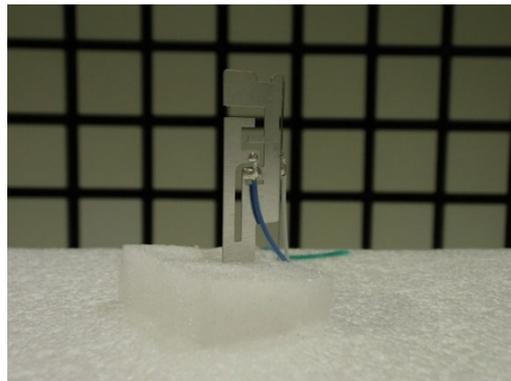
Antenna 4
X-axis



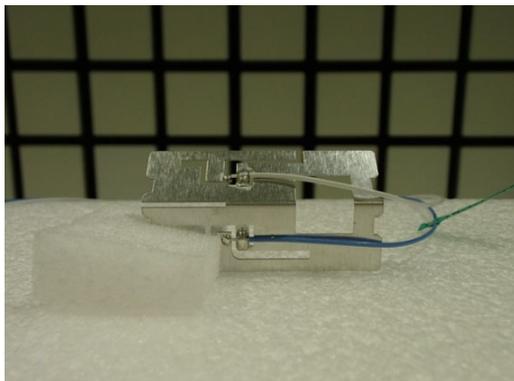
Y-axis



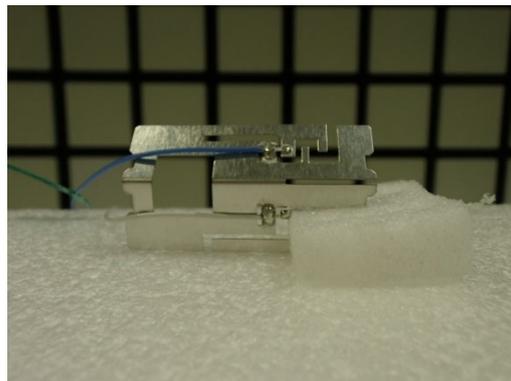
Y-axis



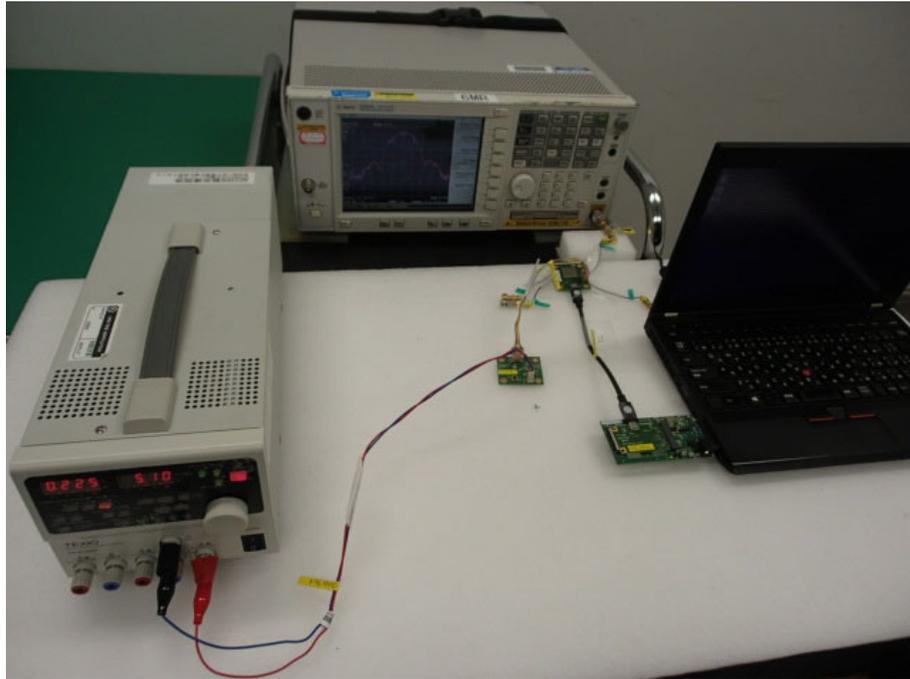
Z-axis



Z-axis



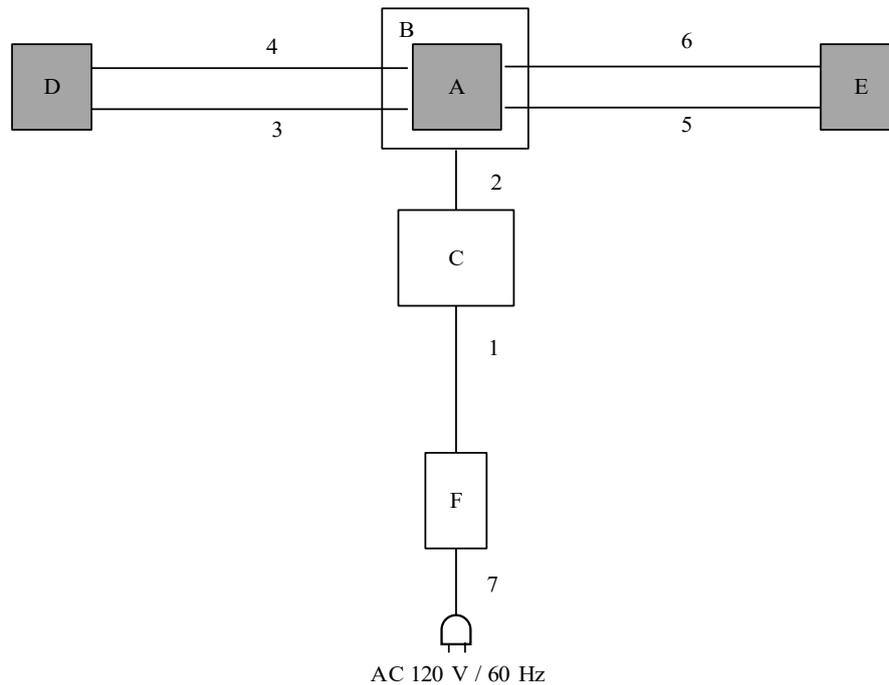
Antenna Terminal Conducted Tests



Photo

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	J20H104	Federer:No.1	Foxconn	EUT
B	Jig Board	WB-CERT-5-C(P1)	Federer:No.1	Sony Interactive Entertainment Inc.	-
C	Jig Board	WLAN_JIG_Power_B	P-JIG No.1	Sony Interactive Entertainment Inc.	-
D	PIFA Antenna	L34RF071-QT-S	211201A20W	LUXSHARE-ICT	EUT Antenna 1 and 2
E	PIFA Antenna	L34RF072-QT-S	211201A20W	LUXSHARE-ICT	EUT Antenna 3 and 4
F	DC Power Supply	PMC35-2A	RM000298 for CE* 1309501 for RE*	KIKUSUI	-

List of cables used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	2.50 for RE* 0.50 for CE*	Unshielded	Unshielded	-
2	Signal Cable	0.40	Unshielded	Unshielded	-
3	Antenna Cable	0.20	Shielded	Shielded	-
4	Antenna Cable	0.20	Shielded	Shielded	-
5	Antenna Cable	0.45	Shielded	Shielded	-
6	Antenna Cable	0.45	Shielded	Shielded	-
7	AC Cable	2.00	Unshielded	Unshielded	-

*CE: Conducted Emission, RE: Radiated Spurious Emission

