
APPENDIX 3: Photographs of Test Setup

Radiated Spurious Emission

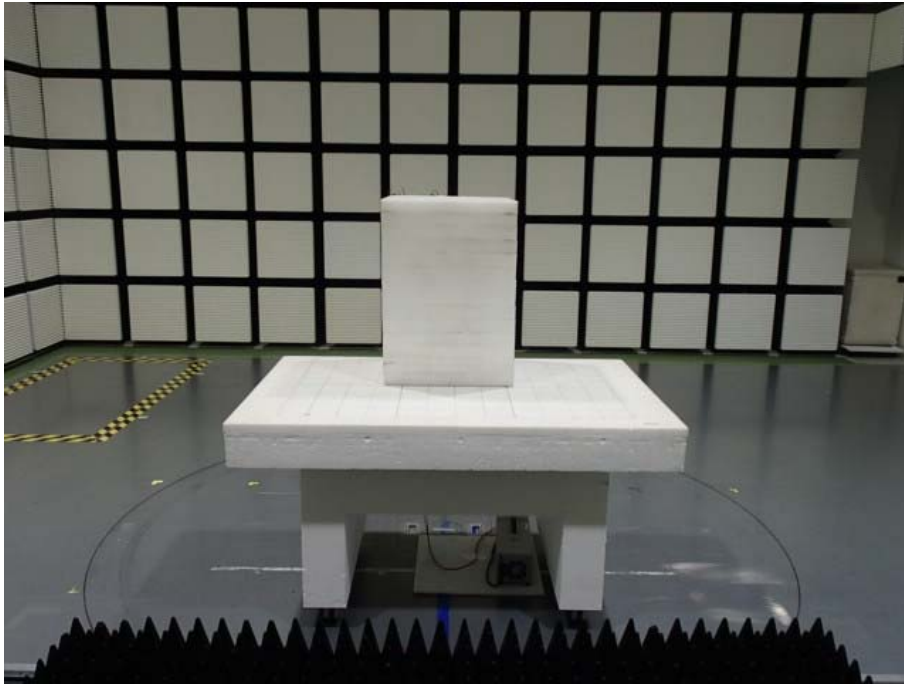


Photo 1

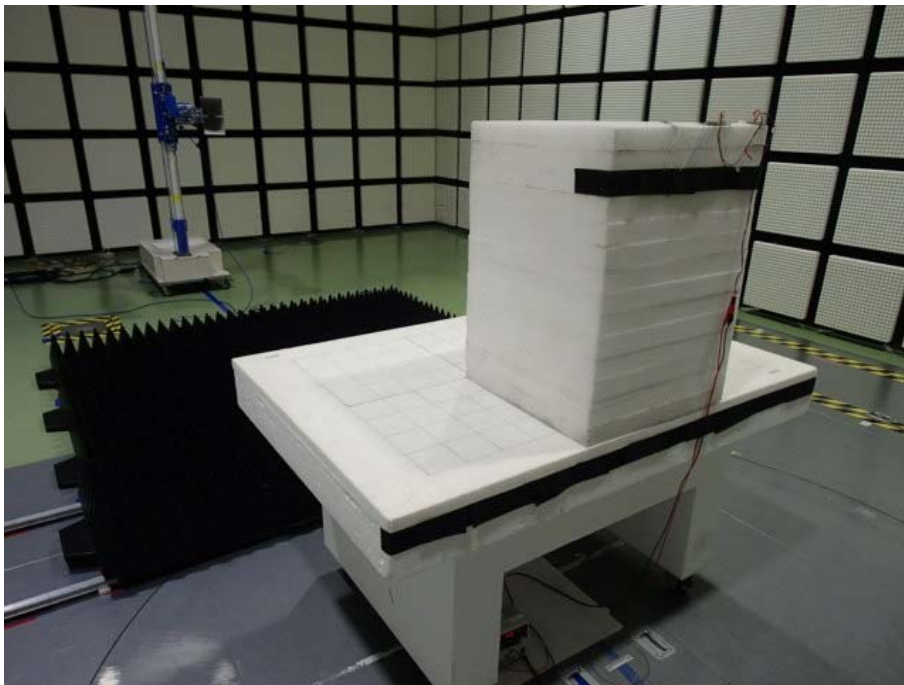
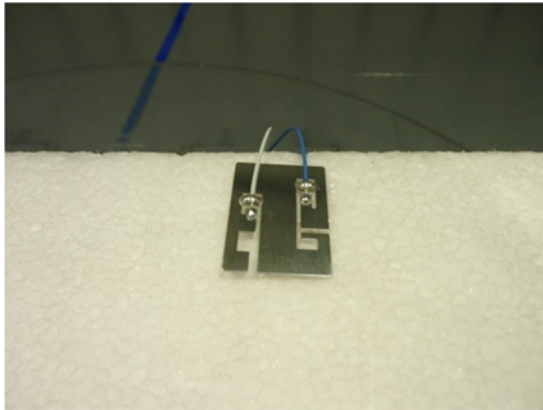


Photo 2

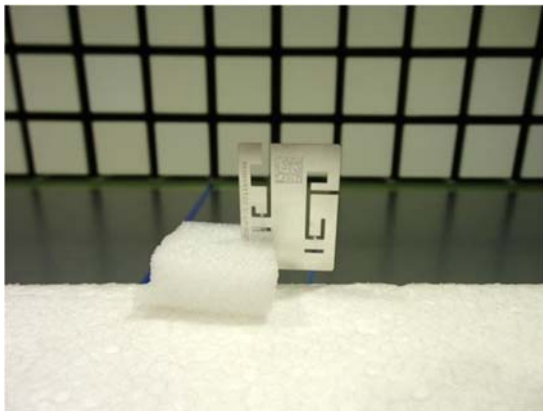
Worst Case Position

Range	Antenna	Horizontal	Vertical
Below 1 GHz	Antenna 1	X-axis	X-axis
	Antenna 3 / Module	X-axis	X-axis
1 GHz - 10 GHz	Antenna 1	X-axis	Z-axis
	Antenna 3 / Module	X-axis	Z-axis
Above 10 GHz	Antenna 1	X-axis	X-axis
	Antenna 3 / Module	Z-axis	Y-axis

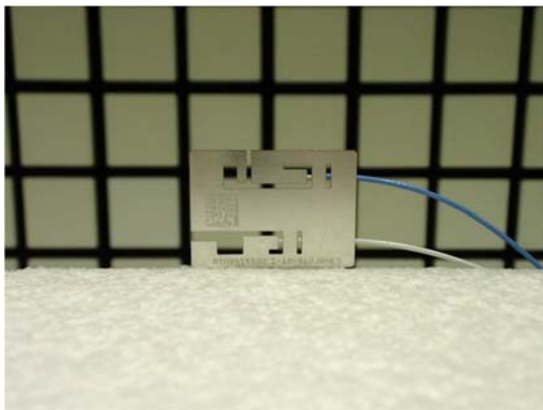
**Antenna 1 / Antenna 2
X-axis**



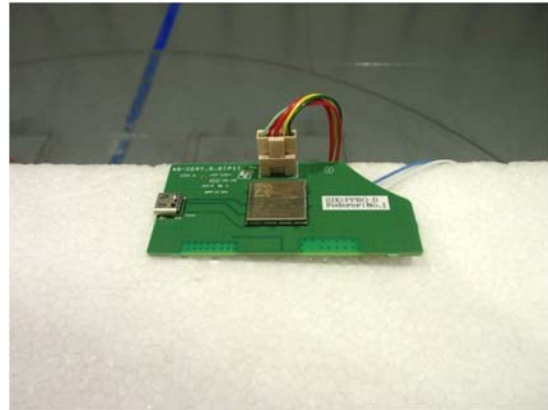
Y-axis



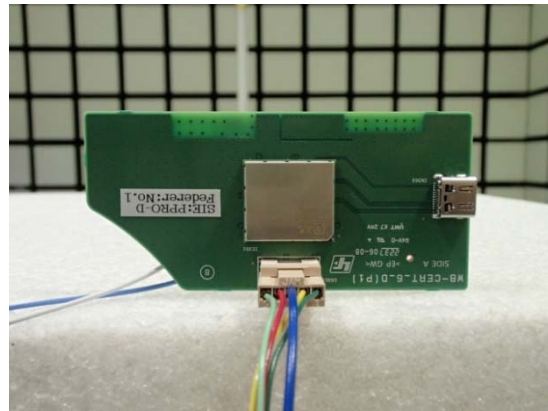
Z-axis



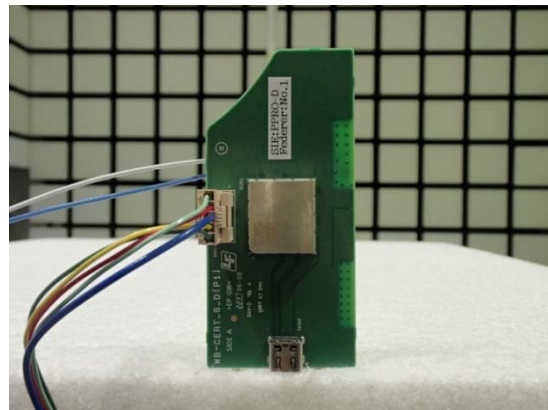
**Antenna 3 / Module
X-axis**



Y-axis



Z-axis



Antenna Terminal Conducted Tests

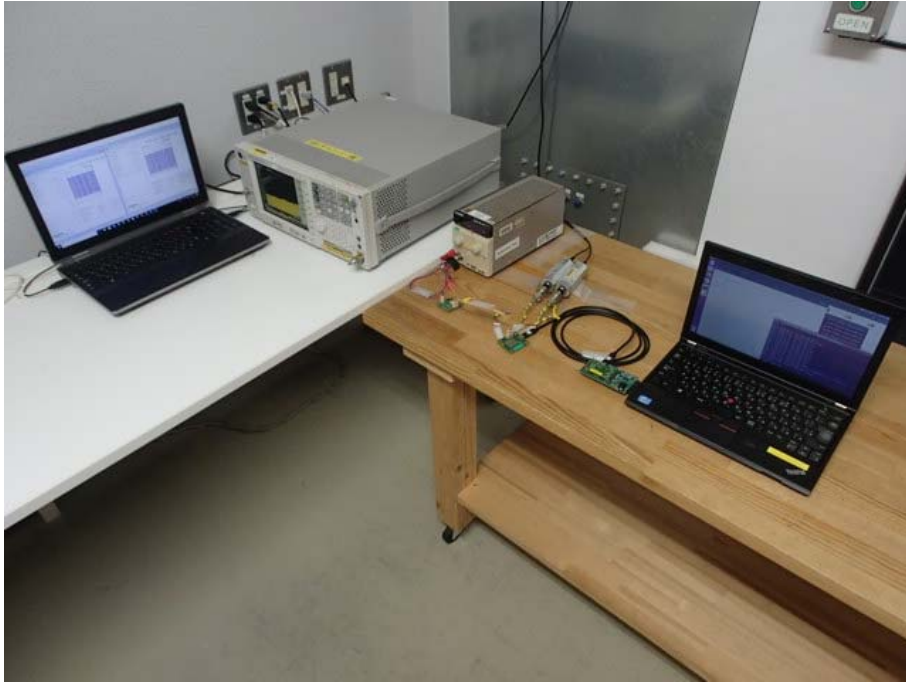


Photo 1

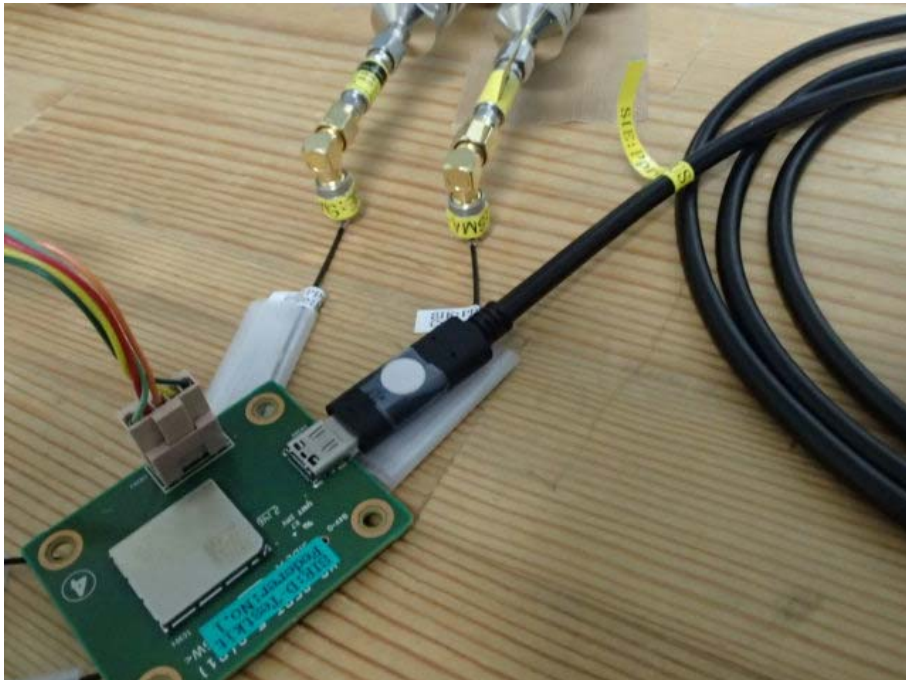
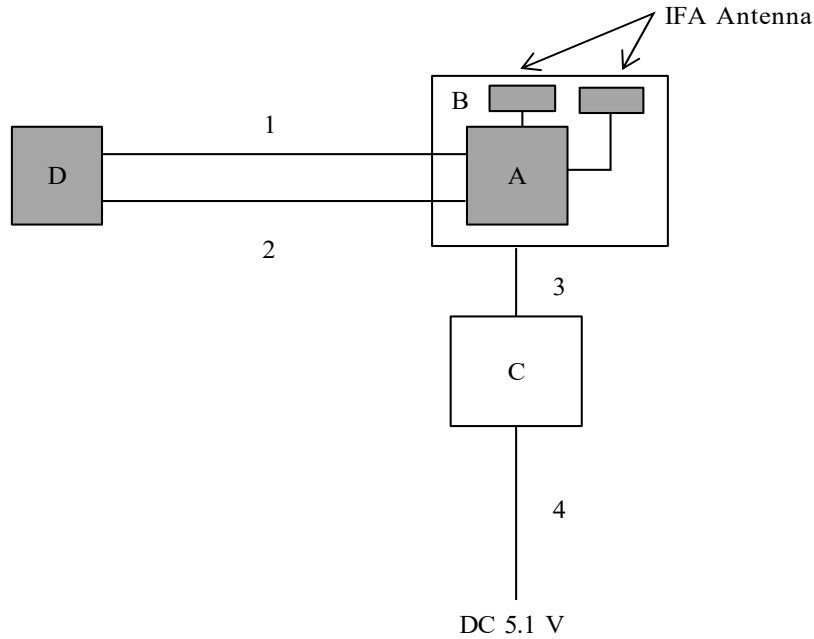


Photo 2

Test Configuration and peripherals

For Radiated emission test



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

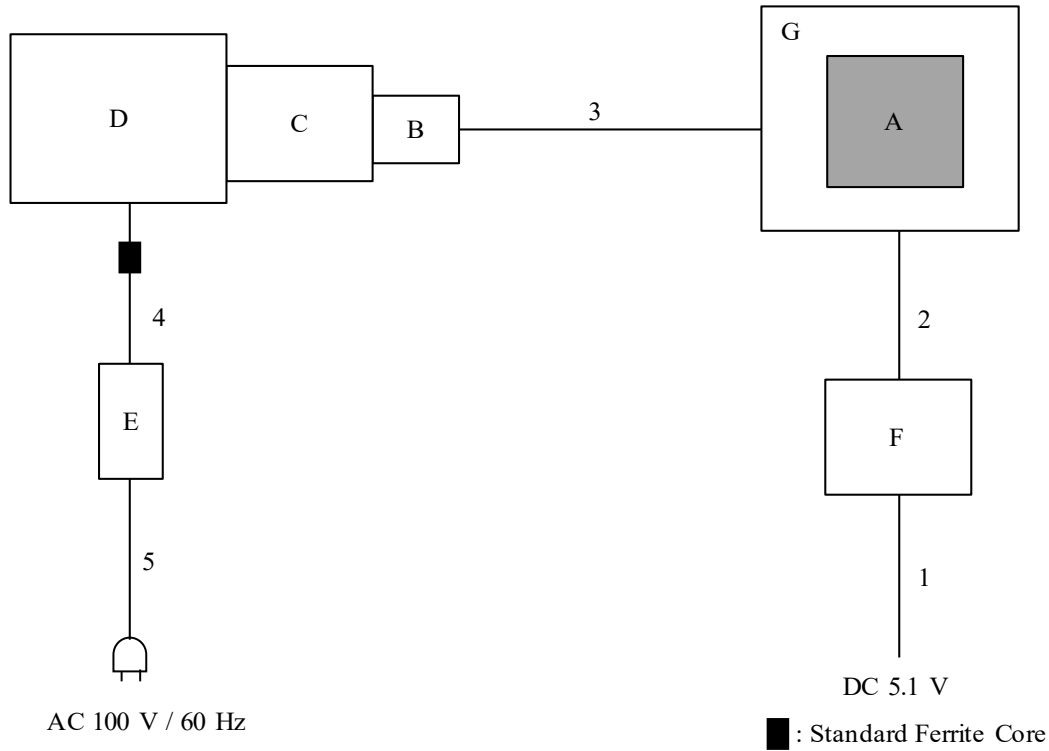
Description of EUT and Support Equipment

No.	Item	Model number	Serial Number	Manufacturer	Remarks
A	Wireless communication module	J20H104	Federer:No.1	Foxconn	EUT
B	Jig Board	WB-CERT-6-D(P1)	Federer:No.1	Sony Interactive Entertainment Inc.	Antenna 3 and 4
C	Jig Board	WLAN_JIG_Power_B	P-JIG No.1	Sony Interactive Entertainment Inc.	-
D	PIFA Antenna	L34RF078	221114A01W	LUXSHARE-ICT	EUT Antenna 1 and 2

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	Antenna Cable	0.3	Shielded	Shielded	-
2	Antenna Cable	0.3	Shielded	Shielded	-
3	DC Cable	0.4	Unshielded	Unshielded	-
4	DC Cable	2.5	Unshielded	Unshielded	-

For Antenna Terminal Conducted 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	SIE:D-Testkit Federer:No.1	Foxconn	EUT
B	Jig Board	WB-PCIE-USB	PCIE-USB No.1	Sony Interactive Entertainment Inc.	-
C	Jig Board	WB-PCIE-USB V9	EC-MC No.1	Marvell	-
D	Laptop PC	Think Pad X230	PK-2EKL1	Lenovo	-
E	AC Adaptor	ADLX65NLT2A	11S45N0319Z1ZLZF37J 96D	Lenovo	-
F	Jig Board	WLAN_JIG_Power_B	P-JIG No.2	Sony Interactive Entertainment Inc.	-
G	Jig Board	WB-CERT-5-C(P1)	SIE:D-Testkit Federer:No.1	Sony Interactive Entertainment Inc.	-

List of Cables Used

No.	Name	Length (m)	Shield		Remarks
			Cable	Connector	
1	DC Cable	0.7	Unshielded	Unshielded	-
2	Signal Cable	1.9	Unshielded	Unshielded	-
3	USB Cable	0.2	Shielded	Shielded	-
4	DC Cable	1.7	Unshielded	Unshielded	-
5	AC Cable	1.0	Unshielded	Unshielded	-

End of Report