

APPENDIX 3: Photographs of test setup

Conducted Emission (PCB Antenna)

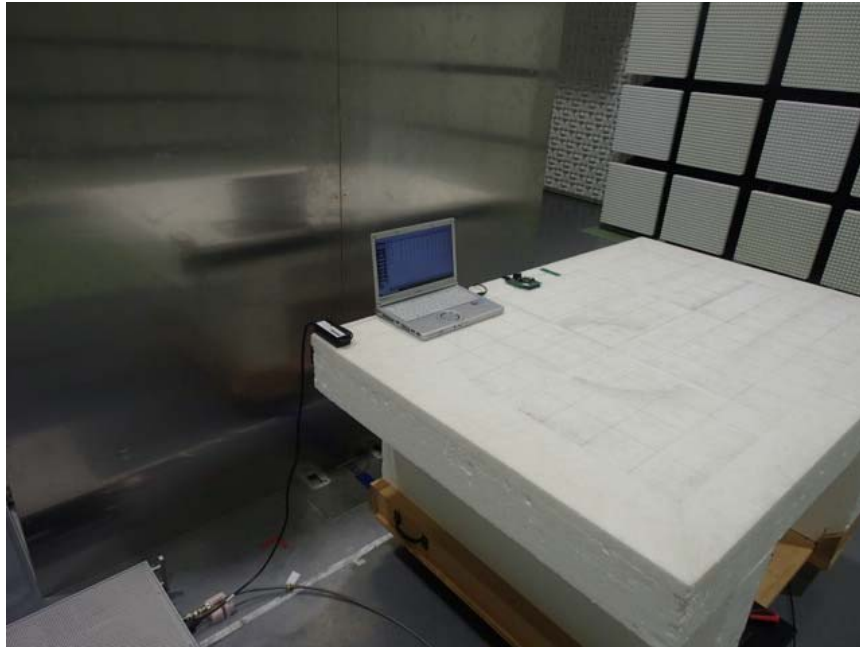


Photo 1

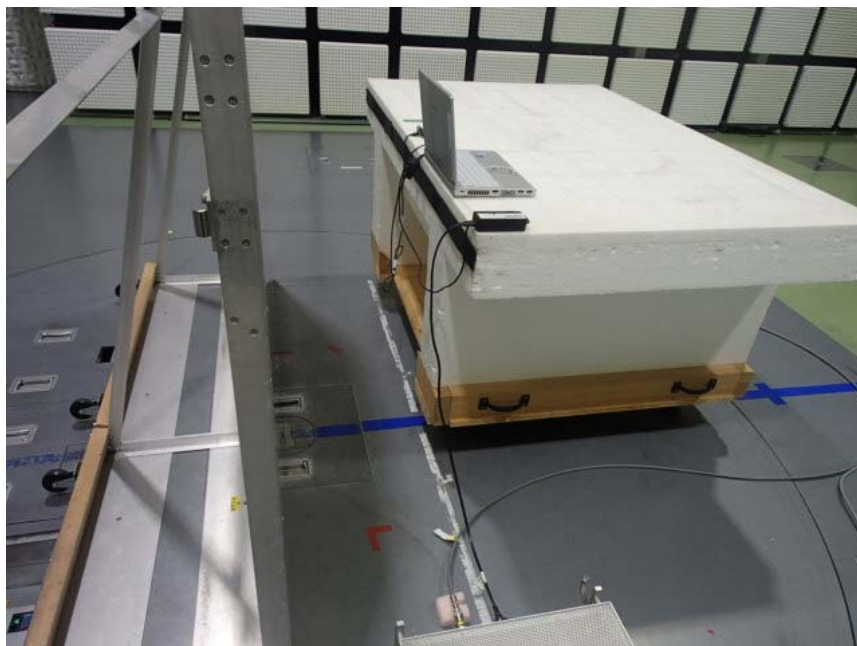


Photo 2

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Conducted Emission
(ROD Antenna)



Photo 1

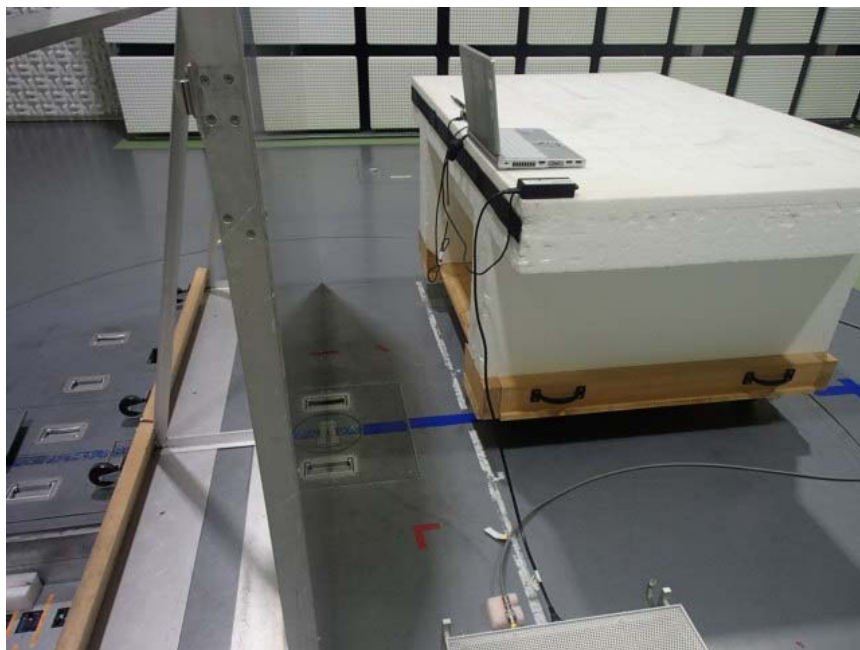


Photo 2

Radiated Spurious Emission
(Below 1 GHz)
PCB Antenna

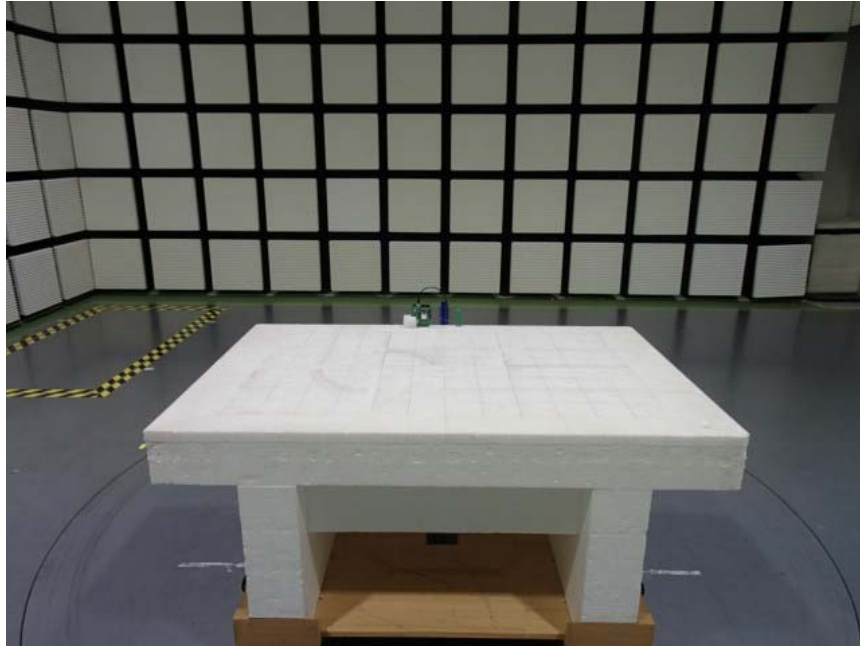


Photo 1

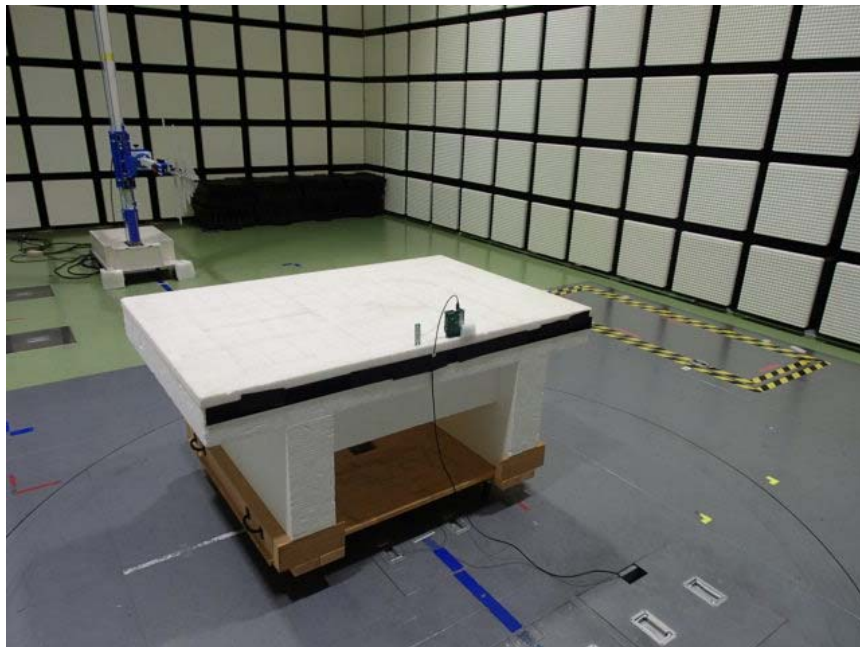


Photo 2

Radiated Spurious Emission

(Above 1 GHz)

PCB Antenna

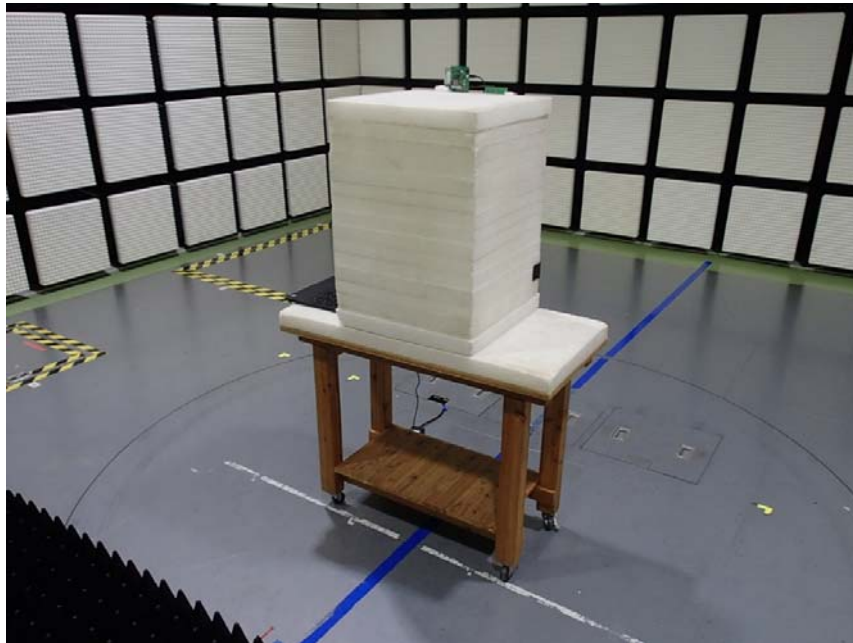


Photo 1

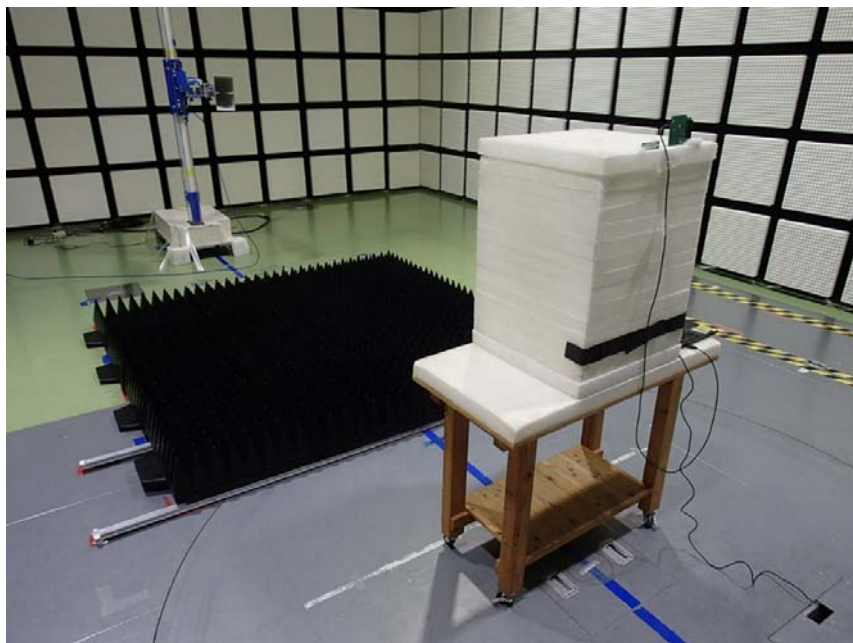


Photo 2

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission

(Below 1 GHz)

ROD Antenna



Photo 1



Photo 2

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

Radiated Spurious Emission
(Above 1 GHz)
ROD Antenna

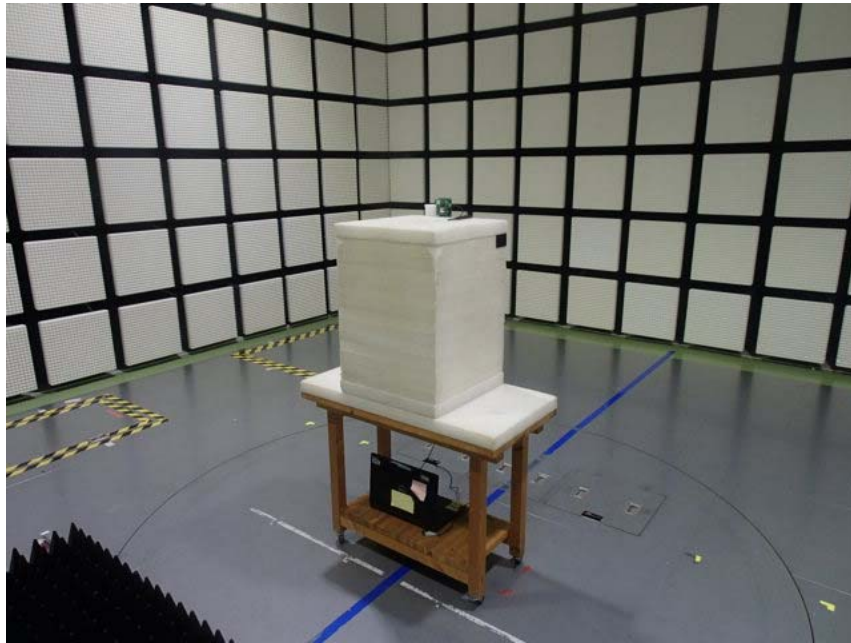


Photo 1

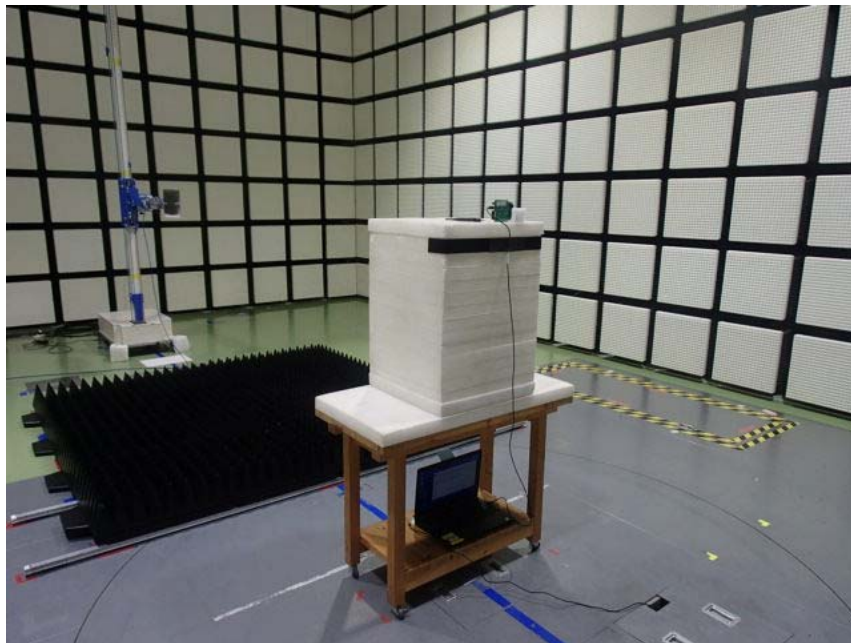


Photo 2

Worst Case Position (PCB Antenna and Module)

Below 1 GHz

(Module Horizontal: Z-axis/ Vertical:Y-axis)
(PCB Antenna: Horizontal: X-axis/ Vertical:Z-axis)

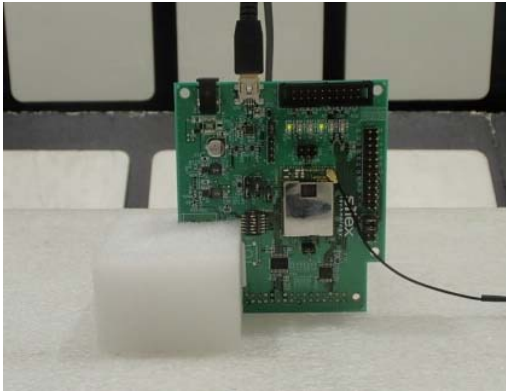
Above 1 GHz

(Module : Horizontal: Z-axis/ Vertical:Y-axis)
(PCB Antenna: Horizontal: Y-axis/ Vertical:Z-axis)

**Module
X-axis**



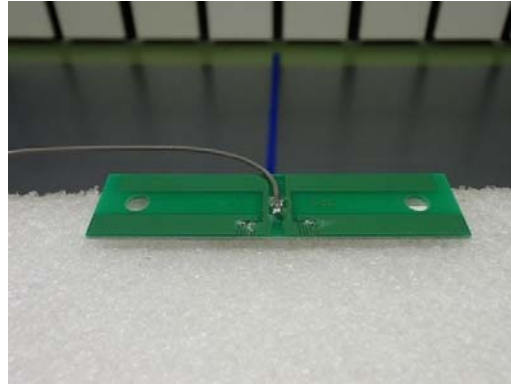
Y-axis



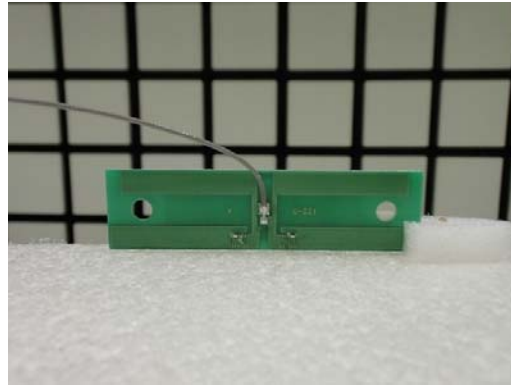
Z-axis



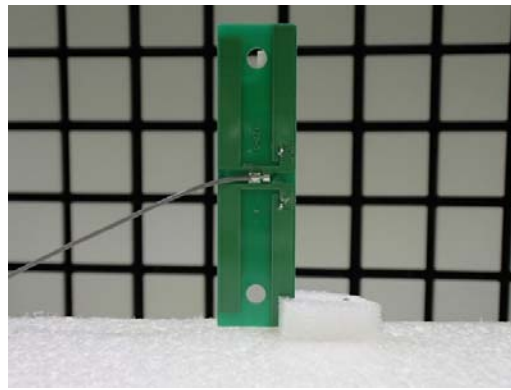
**PCB Antenna
X-axis**



Y-axis



Z-axis



Worst Case Position(ROD Antenna and Module)
(Below 1 GHz)

(Module Horizontal: Z-axis/ Vertical:Z-axis)
(ROD Antenna: Horizontal: X-axis/ Vertical:Y-axis)

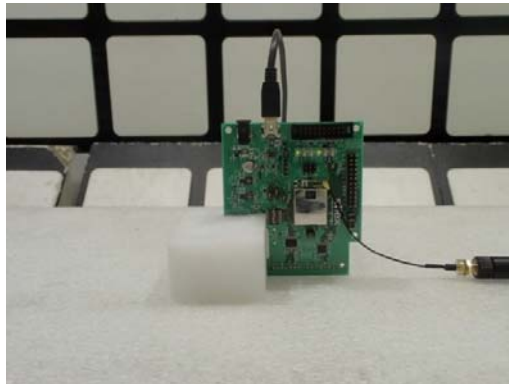
Above 1 GHz

(Module: Horizontal: Z-axis/ Vertical:Y-axis)
(ROD Antenna: Horizontal: Z90-axis/ Vertical:X90-axis)

Module
X-axis



Y-axis



Z-axis

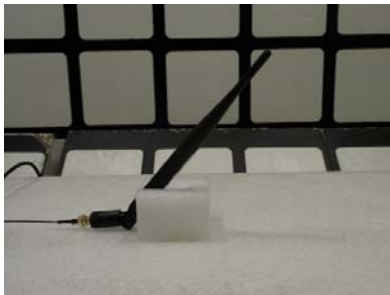


ROD Antenna

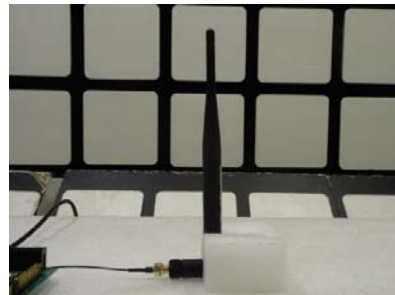
X0-axis



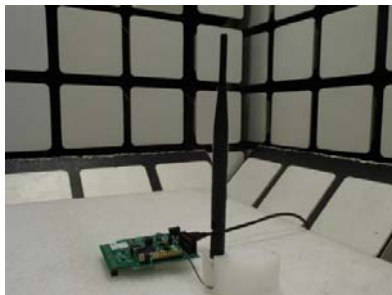
X45-Axis



X90-Axis



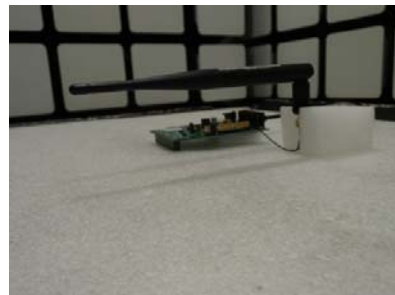
Y0-axis



Y45-Axis



Y90-Axis



Z0-axis



Z45-Axis



Z90-Axis



End of Report

UL Japan, Inc.

Ise EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124