

APPENDIX 3: Photographs of test setup

Conducted Emission (1/4 λ Dipole antenna)



Photo 1



Photo 2

Conducted Emission
($1/2\lambda$ Dipole Antenna)



Photo 1



Photo 2

Conducted Emission
($1/2\lambda$ Dipole Antenna with Magnetic Base)

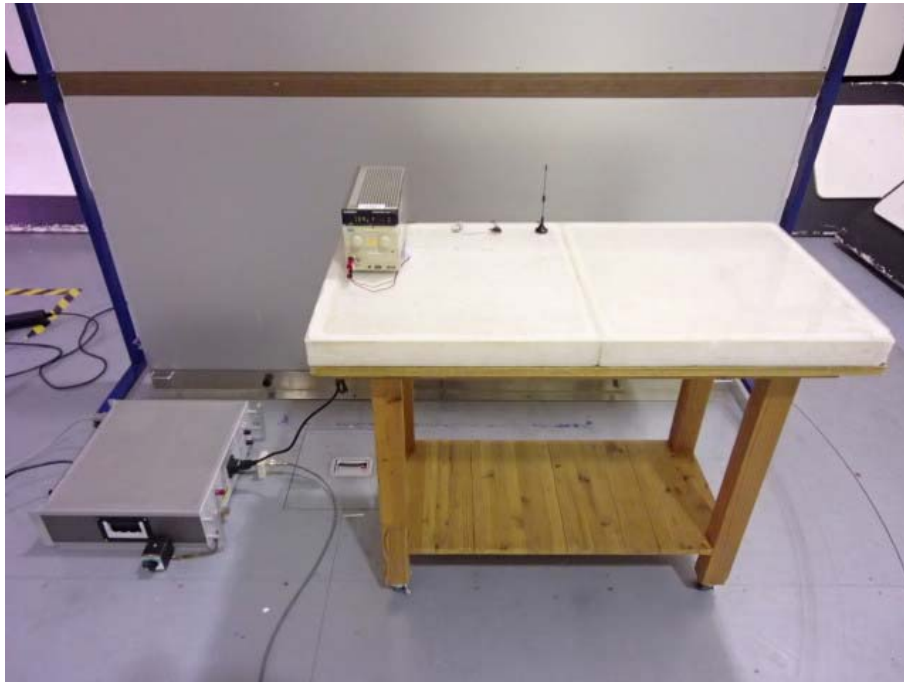


Photo 1



Photo 2

Radiated Spurious Emission
($1/4 \lambda$ Dipole antenna)



Photo 1

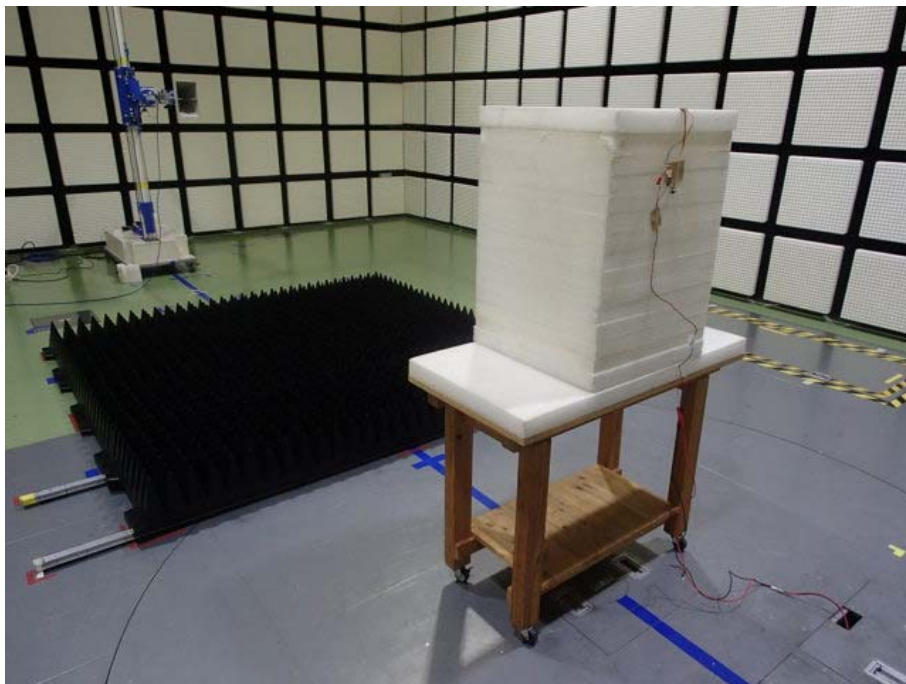


Photo 2

Radiated Spurious Emission
($1/2\lambda$ Dipole Antenna)



Photo 1



Photo 2

Radiated Spurious Emission
($1/2\lambda$ Dipole Antenna with Magnetic Base)



Photo 1

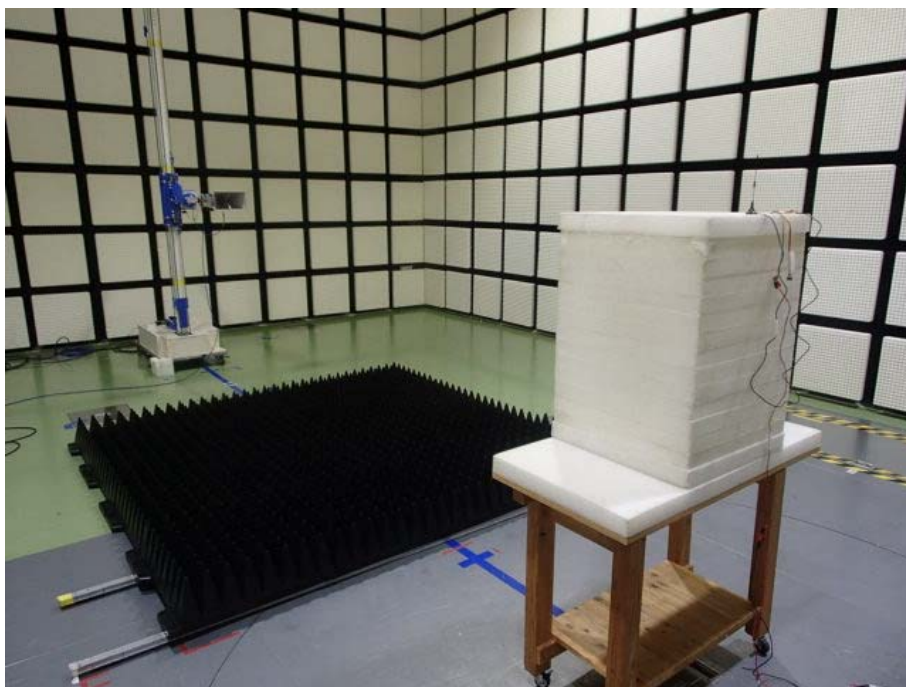
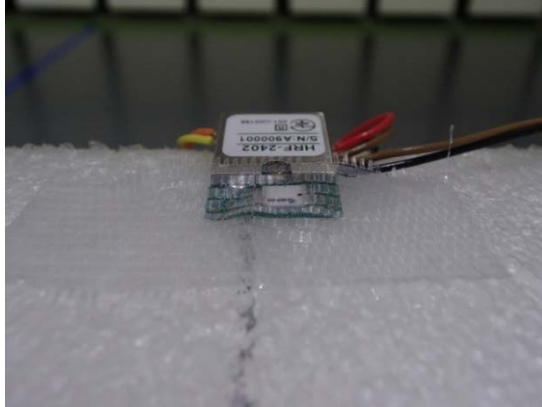


Photo 2

Worst Case Position

1/4 λ Dipole antenna
Above 1 GHz (Hori: X / Vert : Z)
Below 1 GHz (Hori: X / Vert : X)

X-axis



Y-axis



Z-axis



1/2 λ Dipole Antenna
1/2 λ Dipole Antenna with Magnetic Base
Above 1 GHz (Hori: X / Vert : X)
Below 1 GHz (Hori: X / Vert : X)

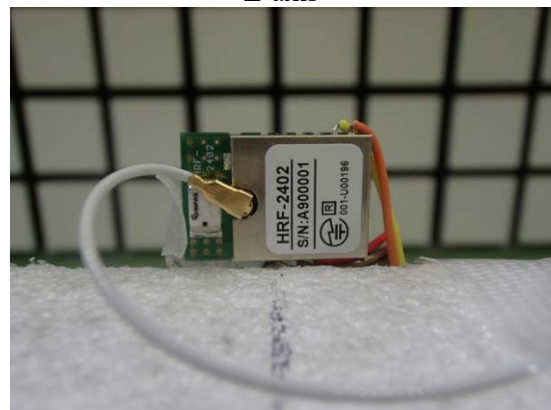
X-axis



Y-axis



Z-axis

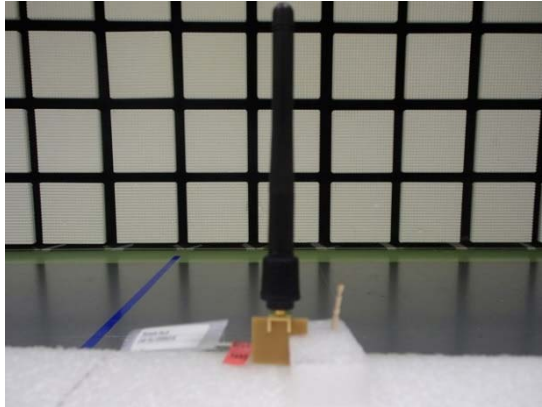


Worst Case Position

1/2λ Dipole Antenna
Above 1 GHz (Hori: X0 / Vert : Y90)
Below 1 GHz (Hori: X0 / Vert : X0)
X0-axis



Y0-axis



Z0-axis



1/2λ Dipole Antenna

X45-axis



Y45-axis



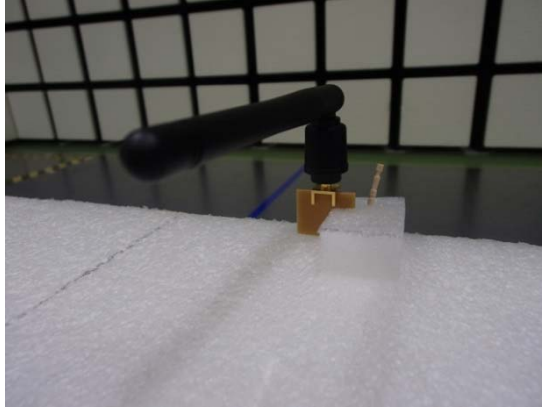
Z45-axis



Worst Case Position

1/2λ Dipole Antenna

X90-axis



Y90-axis



Z90-axis

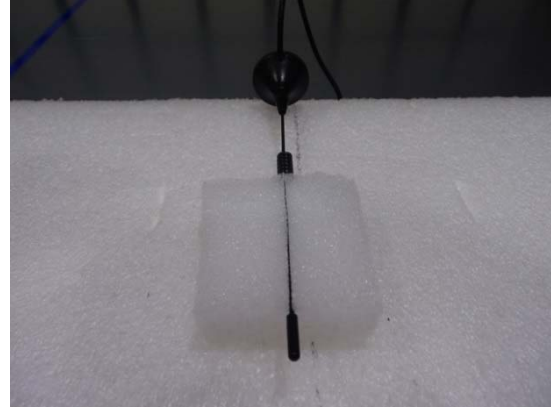


1/2λ Dipole Antenna with Magnetic Base

Above 1 GHz (Hori: X / Vert : Y)

Below 1 GHz (Hori: X / Vert : Y)

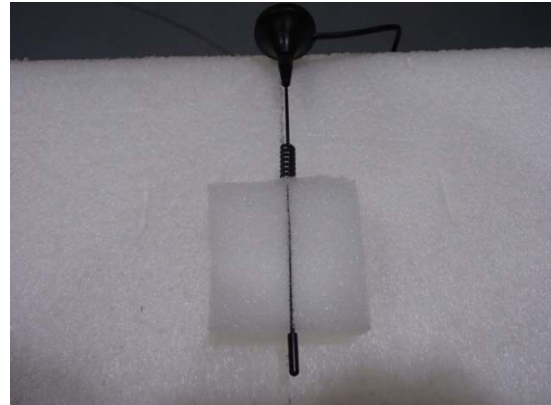
X-axis



Y-axis



Z-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