

APPENDIX 3: Photographs of test setup

Conducted Emission (Internal Ant / Film Ant)



Photo 1

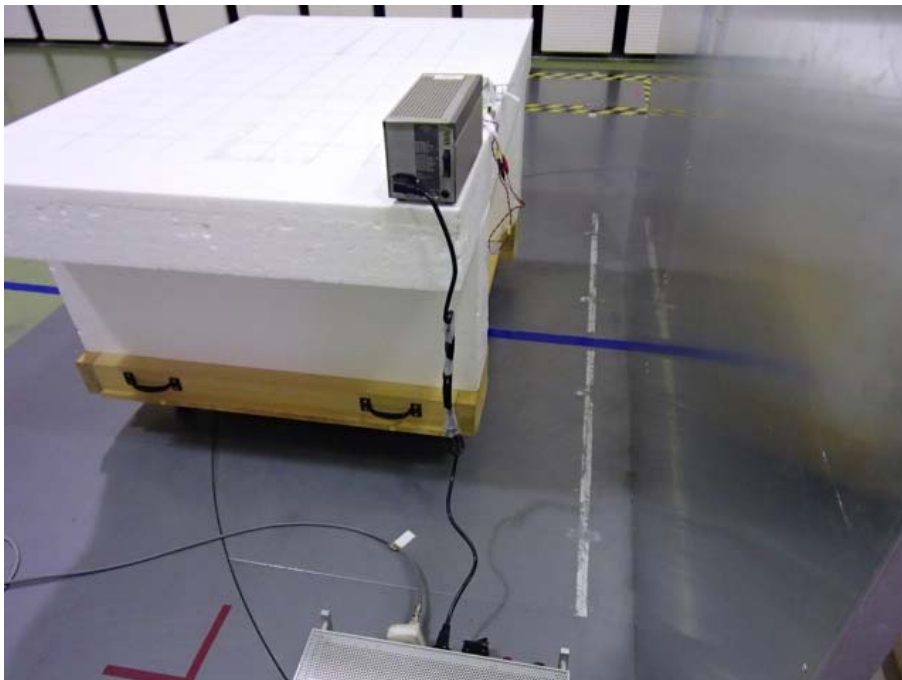


Photo 2

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Conducted Emission
(Sleeve Ant)

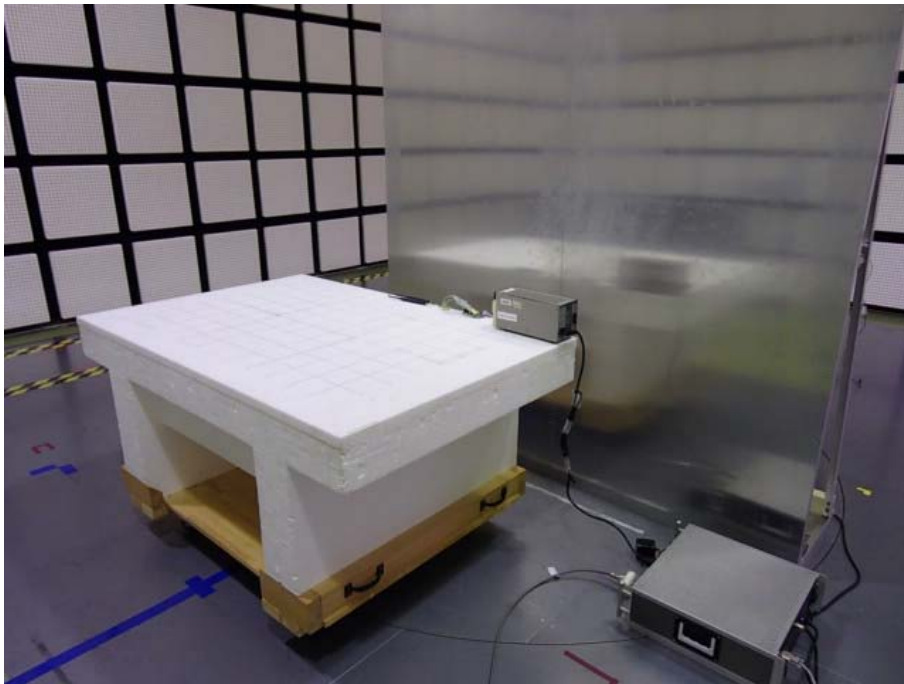


Photo 1

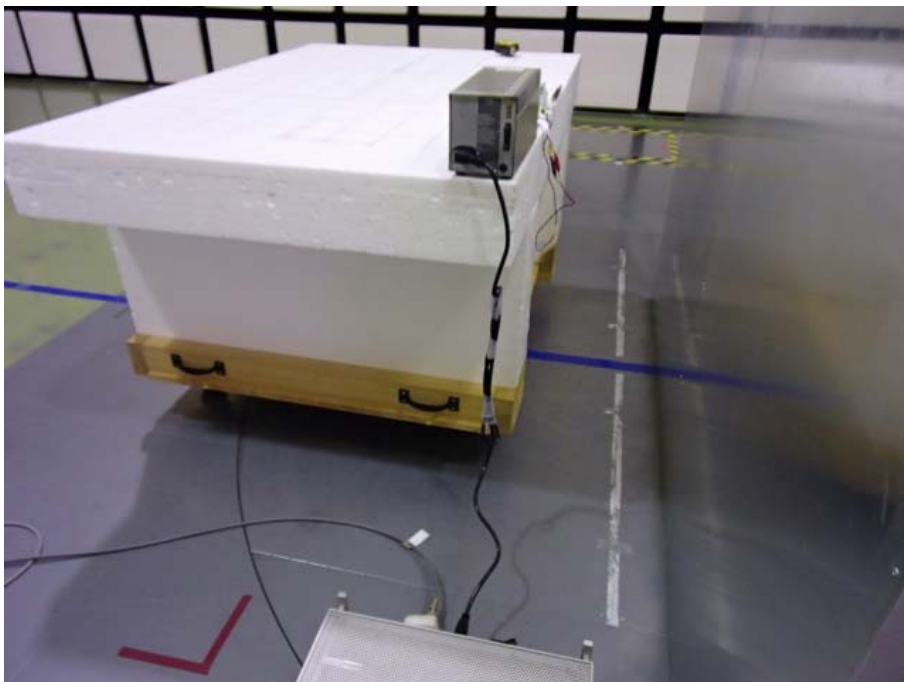


Photo 2

Conducted Emission
($\lambda/4$ Monopole Ant)

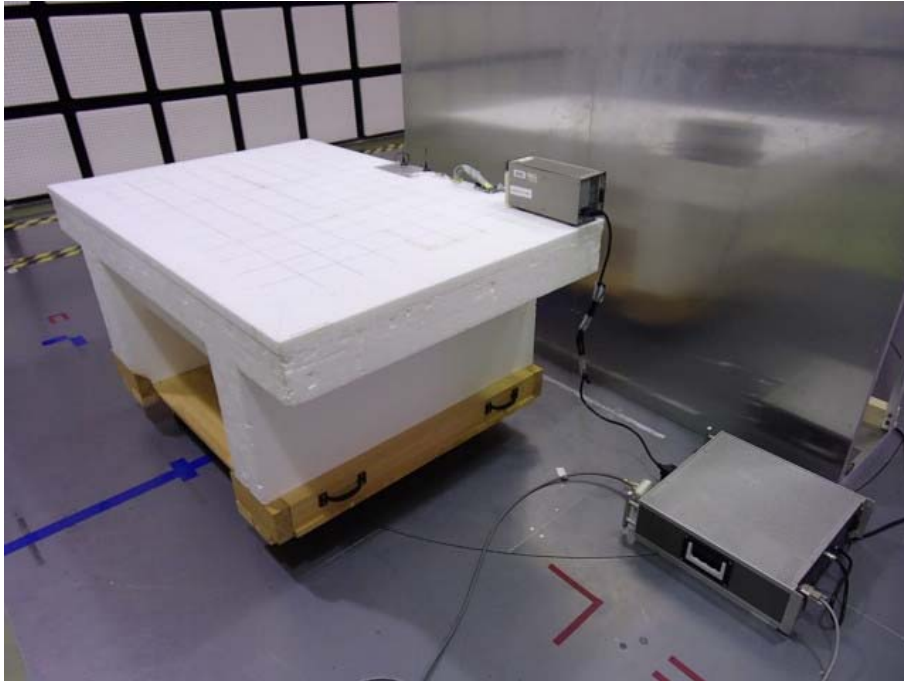


Photo 1

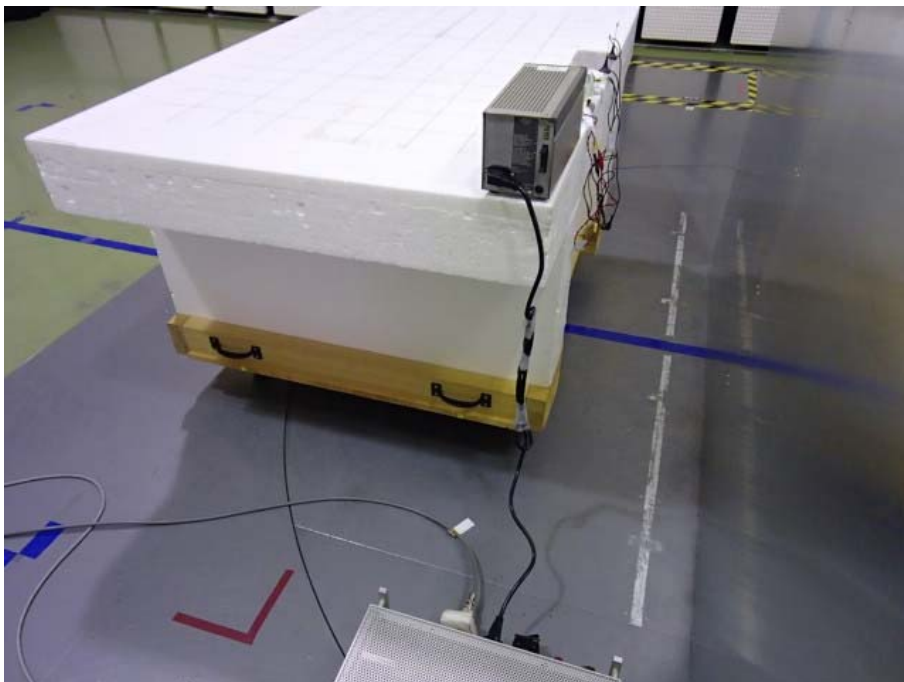


Photo 2

Radiated Spurious Emission
(Internal Antenna)



Photo 1

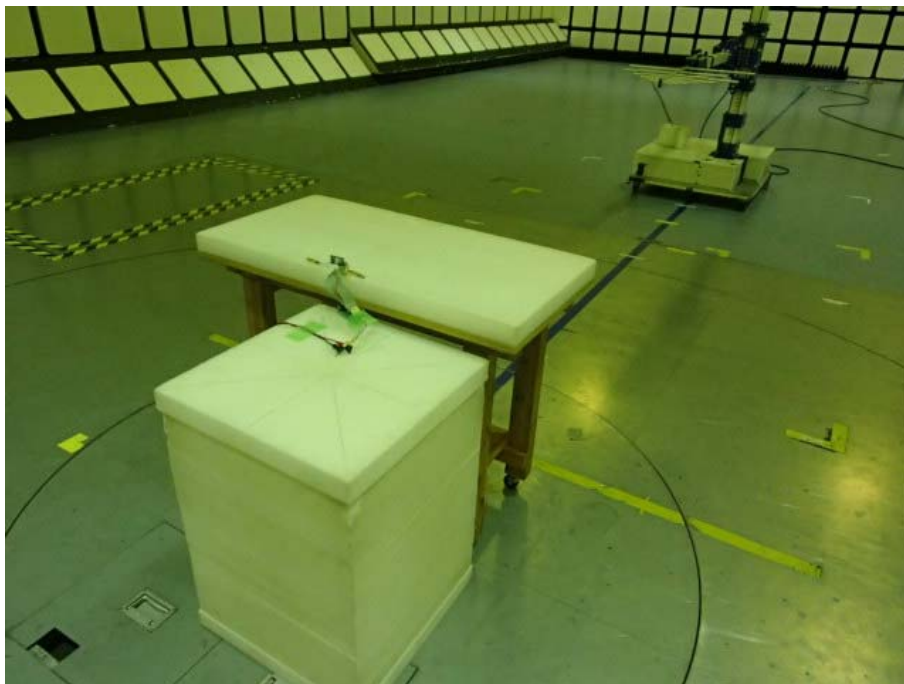


Photo 2

Radiated Spurious Emission
(Sleeve Antenna)



Photo 1

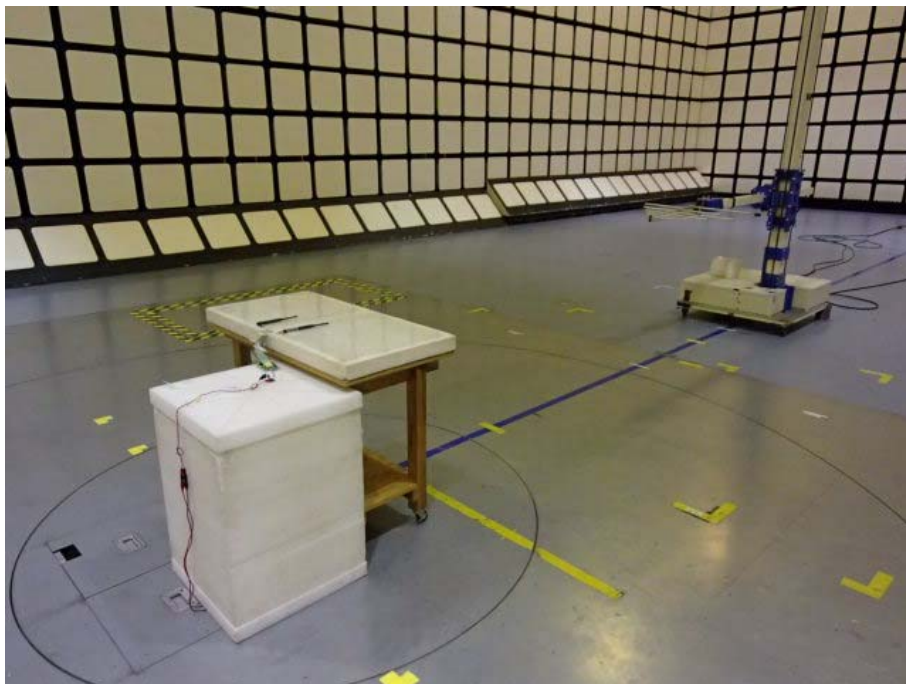


Photo 2

Radiated Spurious Emission
($\lambda/4$ Monopole Antenna)

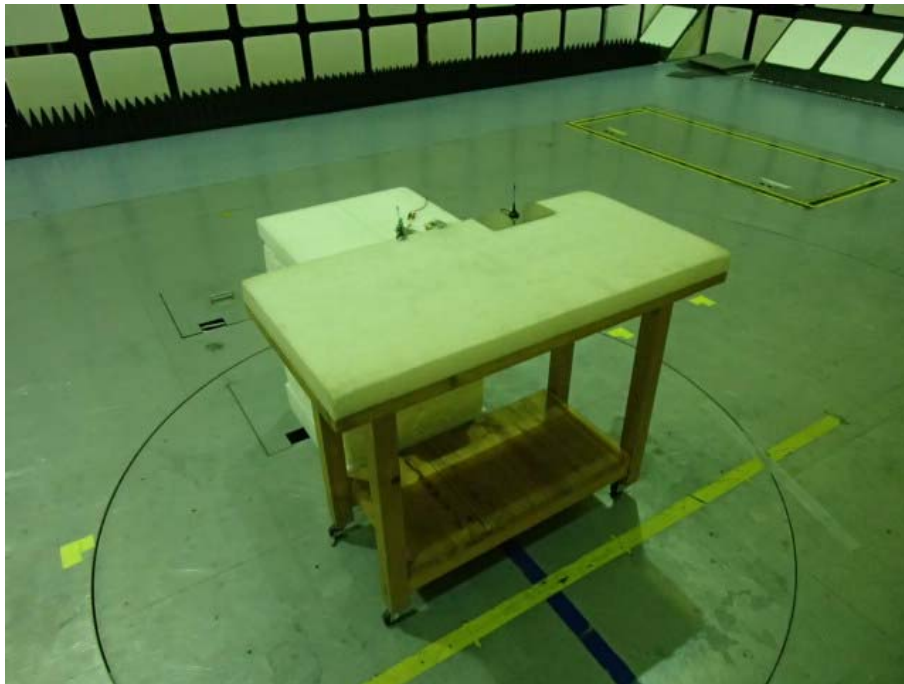


Photo 1

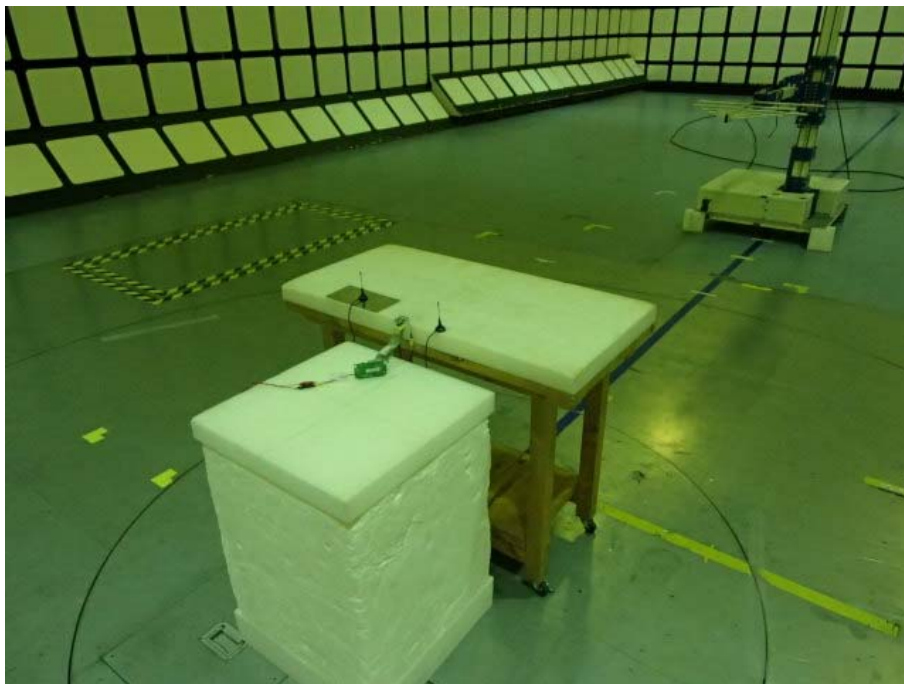


Photo 2

Radiated Spurious Emission
(Film Antenna)

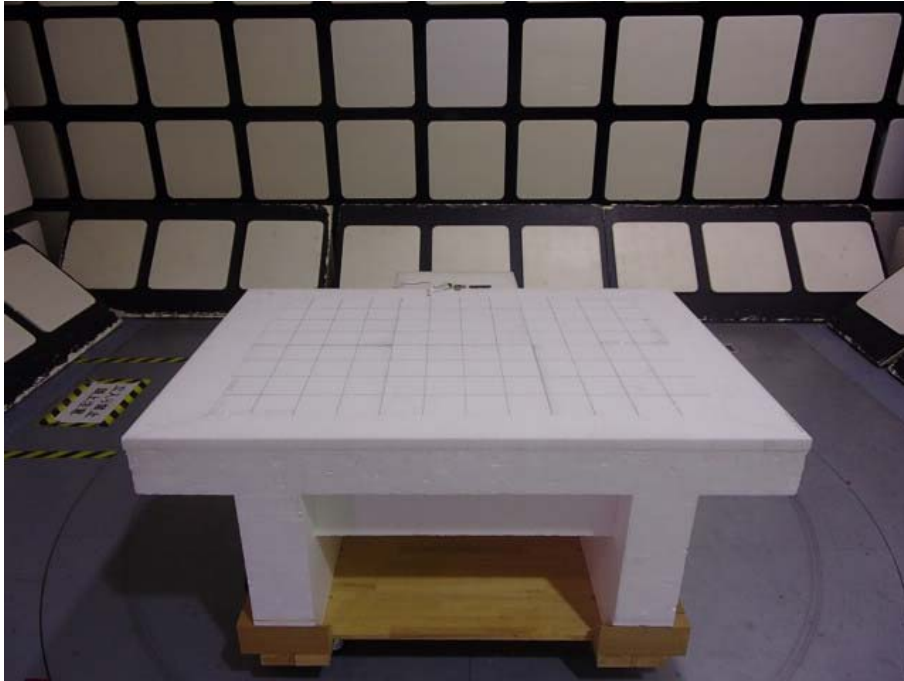


Photo 1



Photo 2

Worst Case Position

Antenna (Sleeve Antenna Transmission)

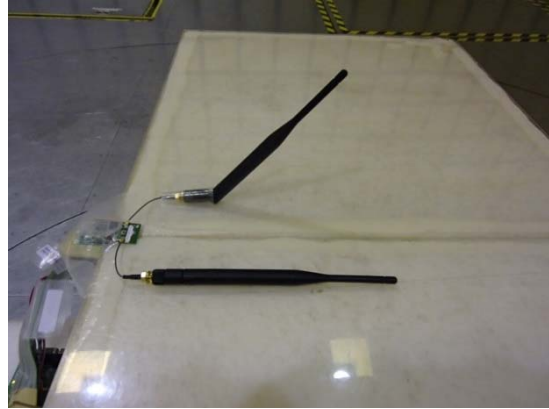
(Horizontal: Z90-axis / Vertical: Y0-axis) (Below 1 GHz)

(Horizontal: X0-axis / Vertical: X0-axis) (Above 1 GHz)

X0-axis



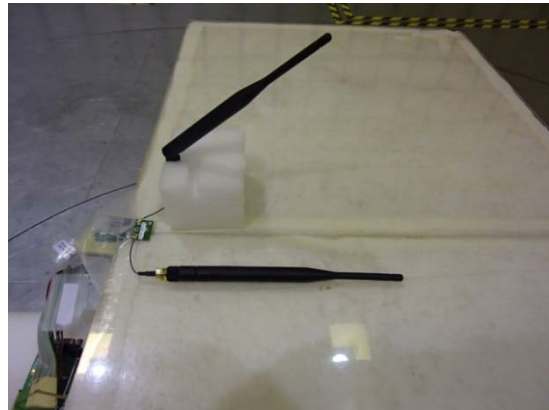
X45-axis



Y0-axis



Y45-axis



Z0-axis



Z45-axis



Worst Case Position

Antenna (Sleeve Antenna Transmission)

X90-axis



Y90-axis



Z90-axis



Worst Case Position

Antenna ($\lambda/4$ Monopole Antenna Transmission)

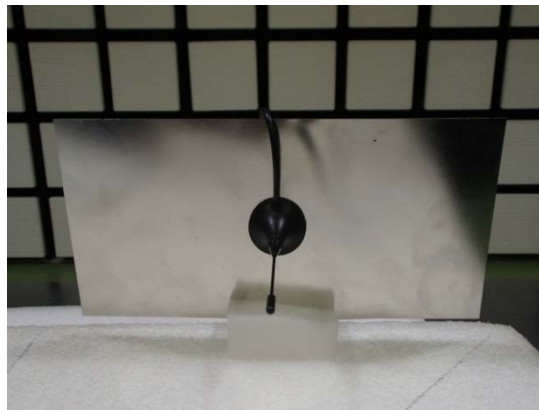
(Horizontal: Y-axis / Vertical: X-axis) (Below 1 GHz)

(Horizontal: Z-axis / Vertical: Y-axis) (Above 1 GHz)

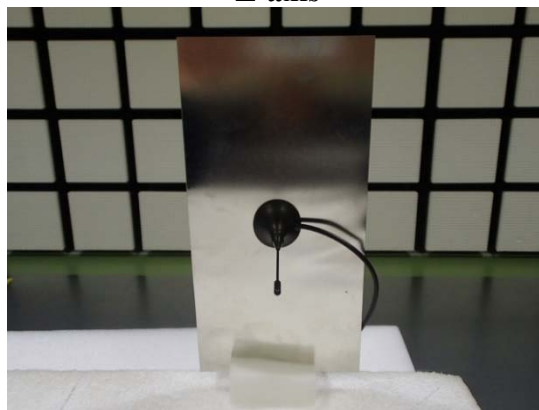
X-axis



Y-axis



Z-axis



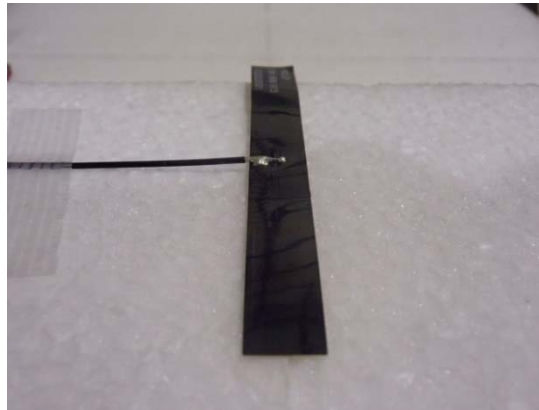
Worst Case Position

Antenna (Film Antenna Transmission)

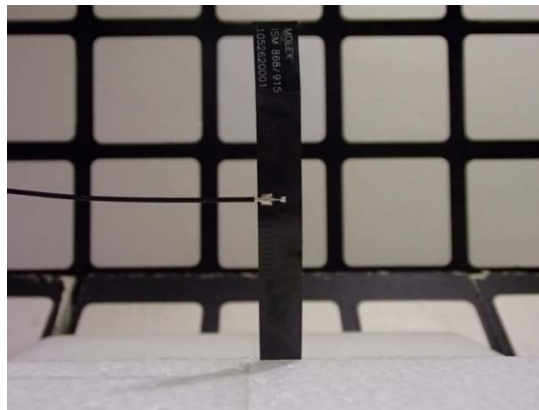
(Horizontal: Z-axis / Vertical: Y-axis) (Below 1 GHz)

(Horizontal: X-axis / Vertical: Z-axis) (Above 1 GHz)

X-axis



Y-axis



Z-axis



Worst Case Position

Module (External Antenna Transmission)

(Horizontal: X-axis / Vertical: X-axis) (Below 1 GHz)

(Horizontal: X-axis / Vertical: X-axis) (Above 1 GHz)

X-axis



Y-axis



Z-axis



Worst Case Position

Module & Antenna (Internal Antenna Transmission)

(Horizontal: Z-axis / Vertical: Y-axis) (Below 1 GHz)

(Horizontal: Z-axis / Vertical: Y-axis) (Above 1 GHz)

X-axis



Y-axis



Z-axis



End of Report