APPENDIX 3: Photographs of test setup

Conducted Emission

(Internal Ant / Film Ant)

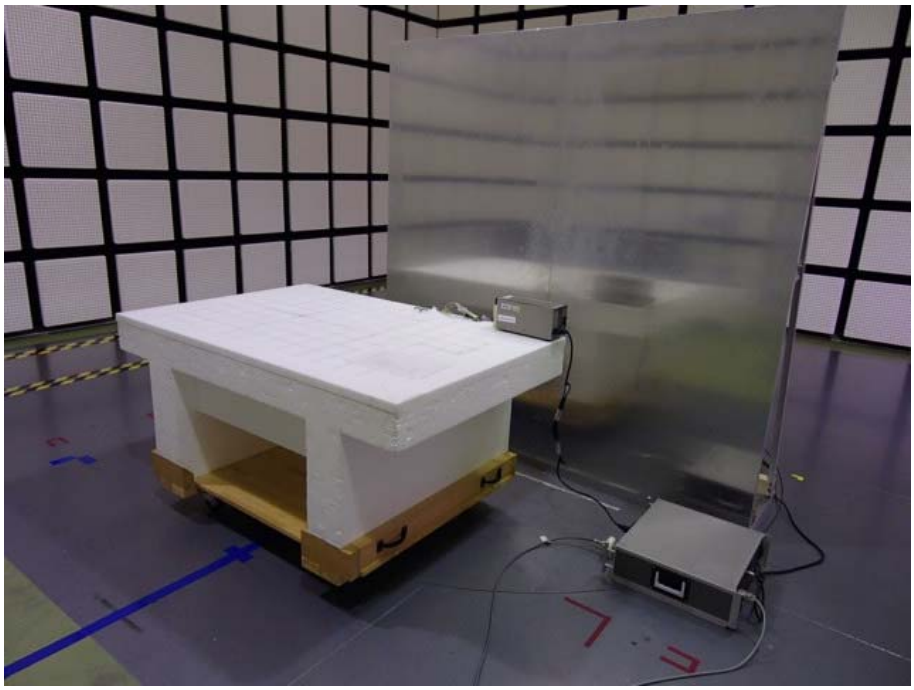


Photo 1

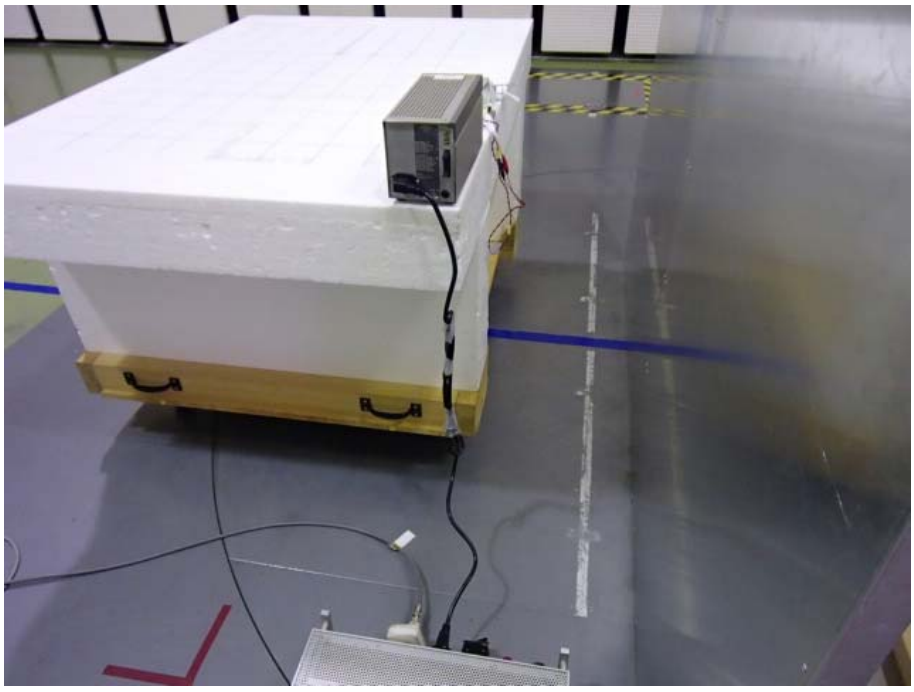


Photo 2

Conducted Emission

(Sleeve Ant)

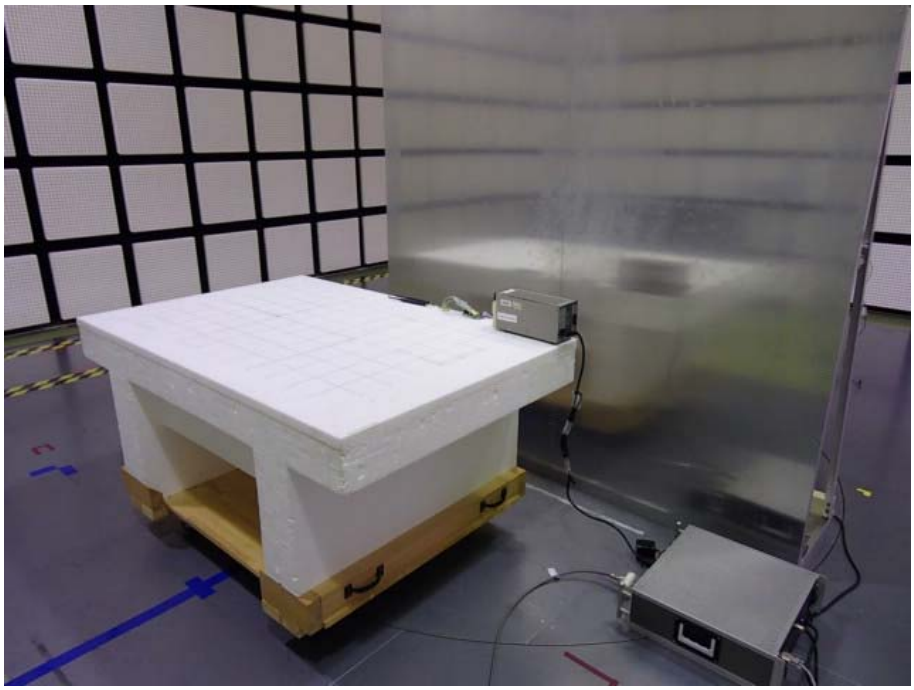


Photo 1

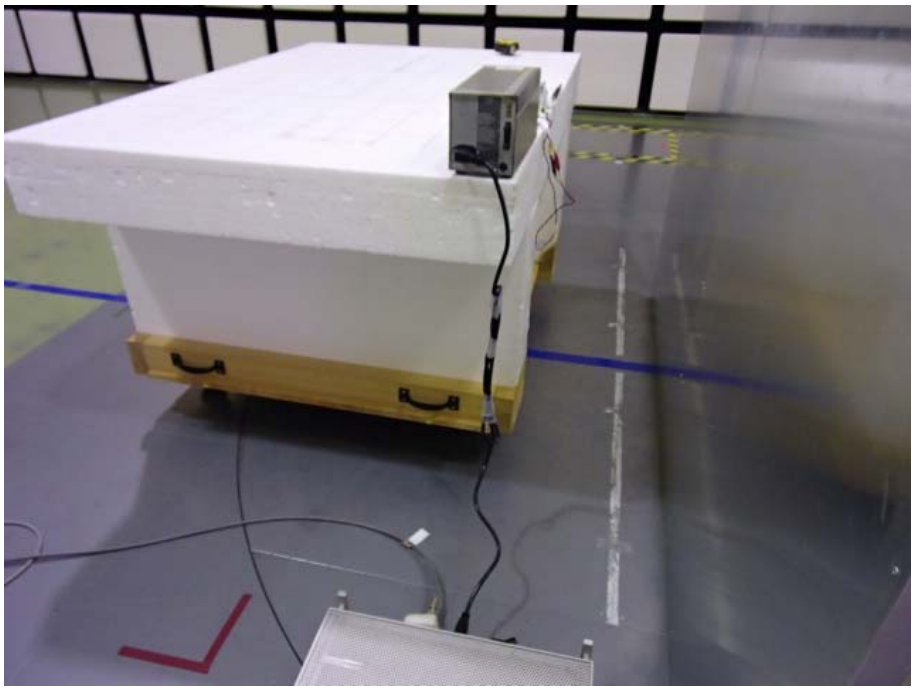


Photo 2

Conducted Emission
(λ/4 Monopole Ant)

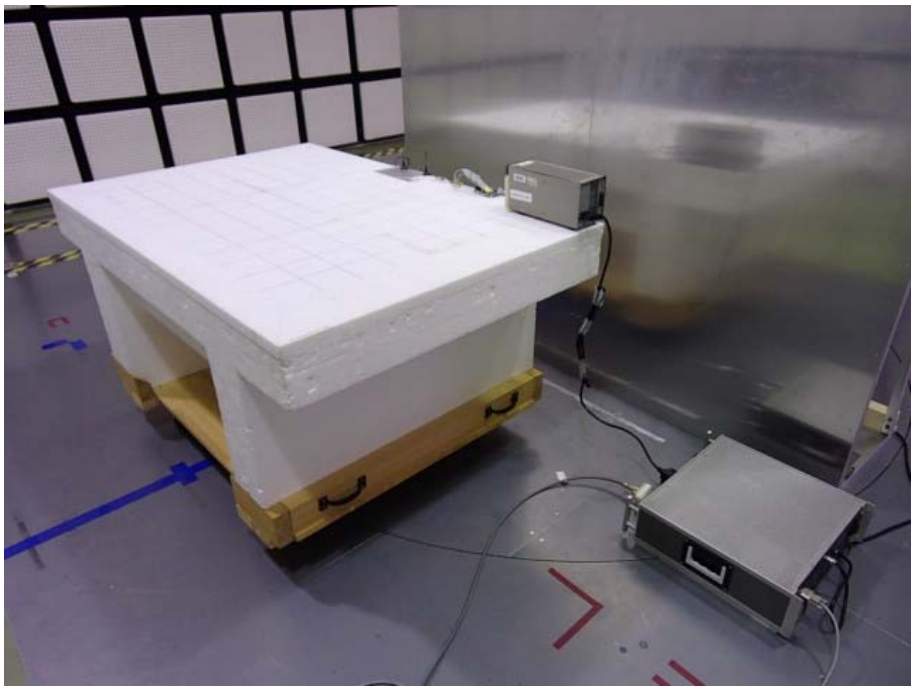


Photo 1

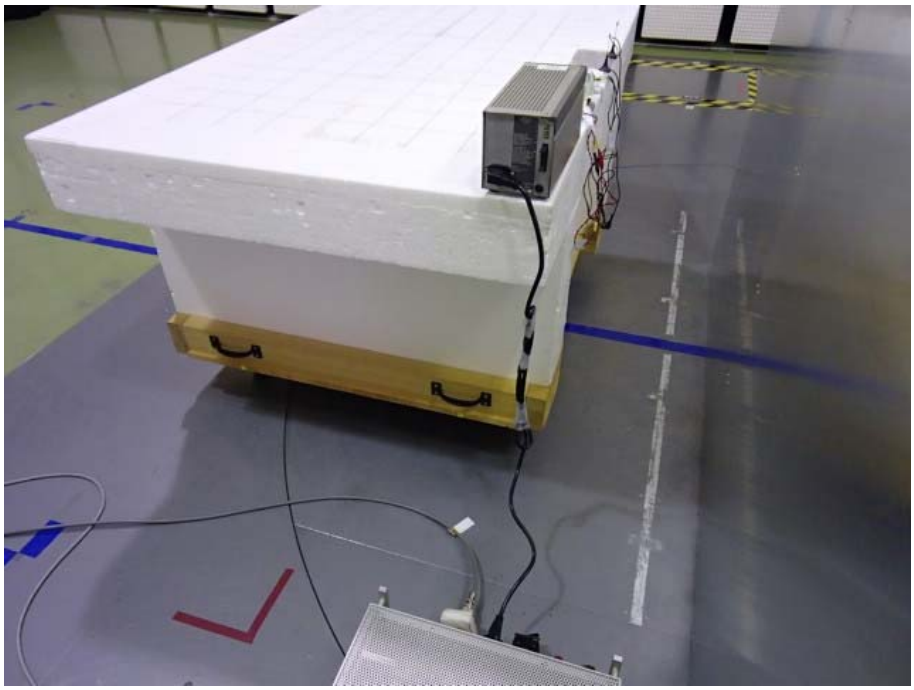


Photo 2

Radiated Spurious Emission

(Internal Antenna)

Photo 1

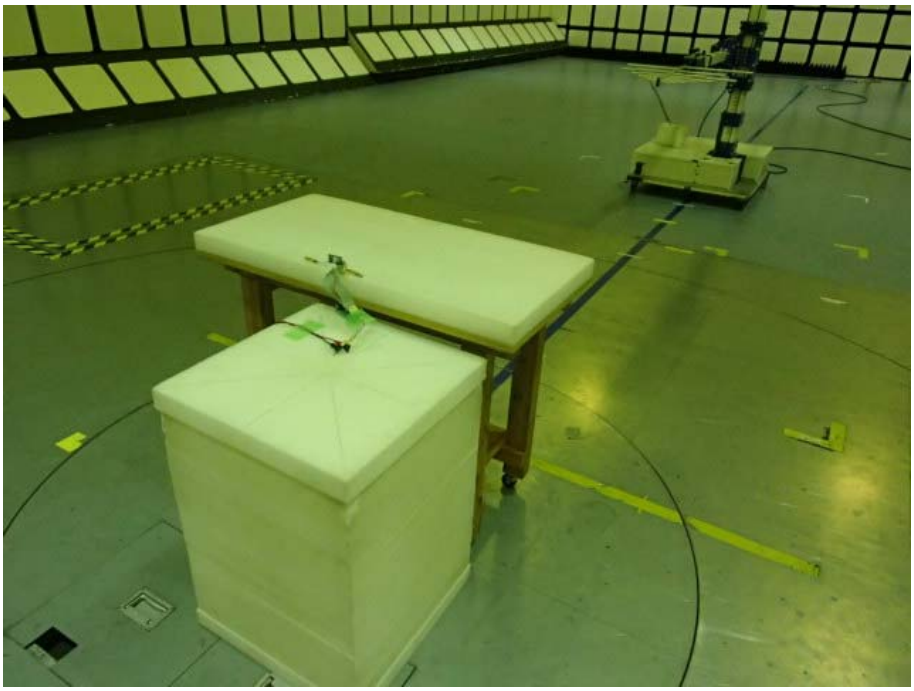


Photo 2

Radiated Spurious Emission

(Sleeve Antenna)

Photo 1

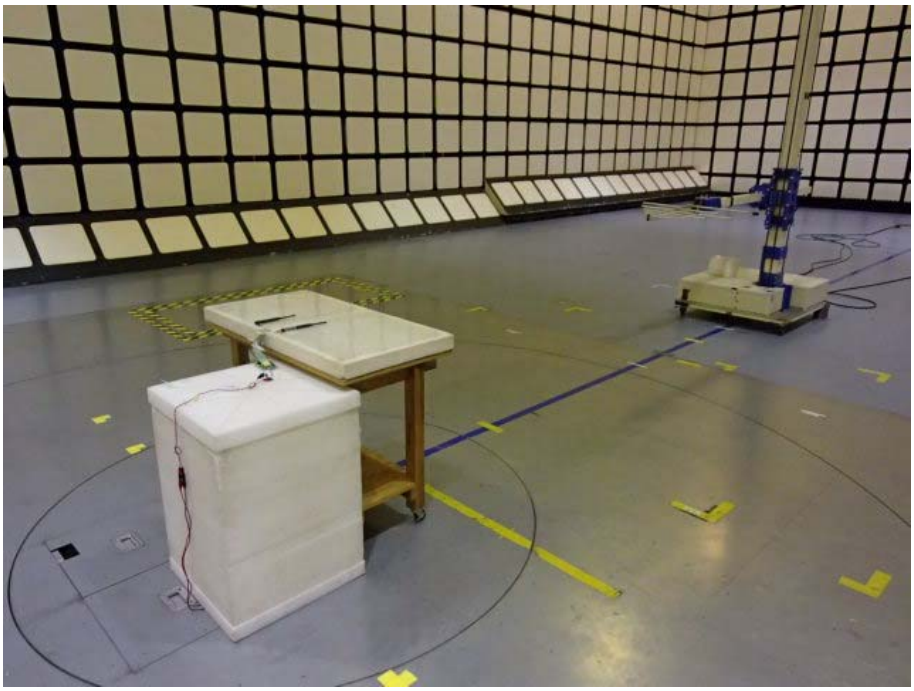


Photo 2

Radiated Spurious Emission

(λ/4 Monopole Antenna)

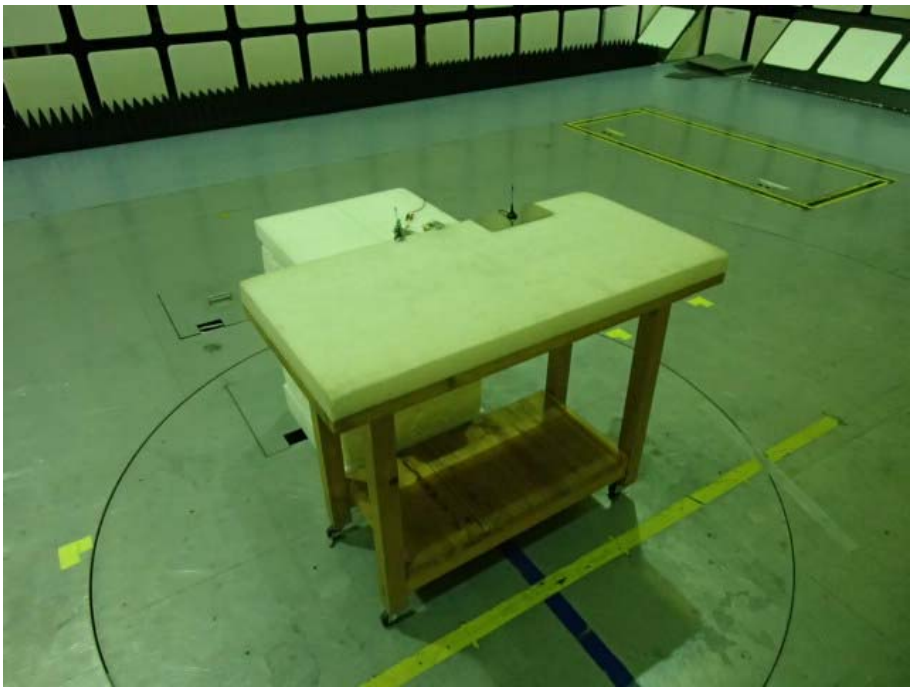


Photo 1

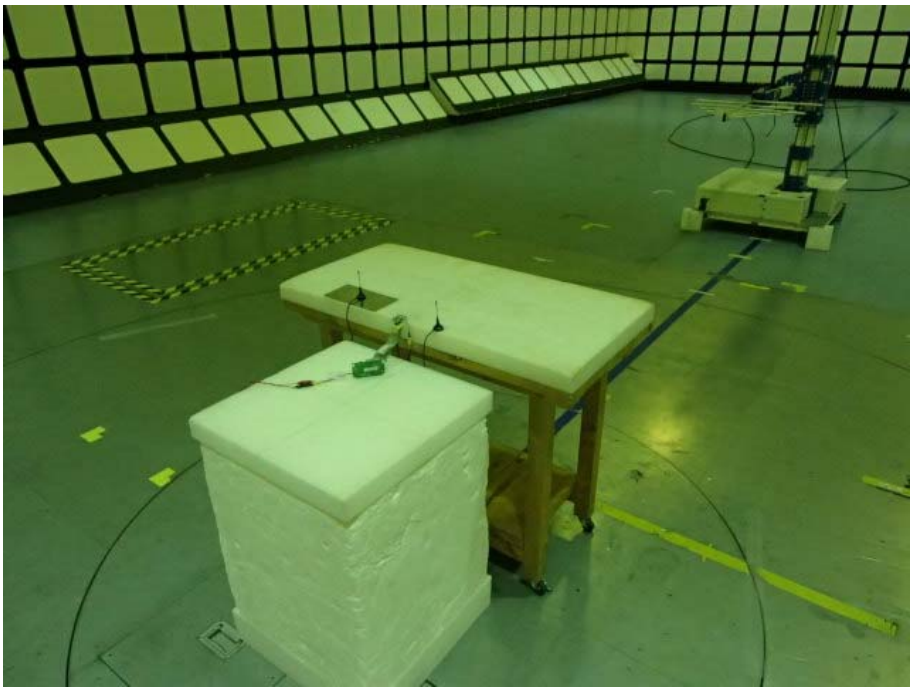


Photo 2

Radiated Spurious Emission

(Film Antenna)

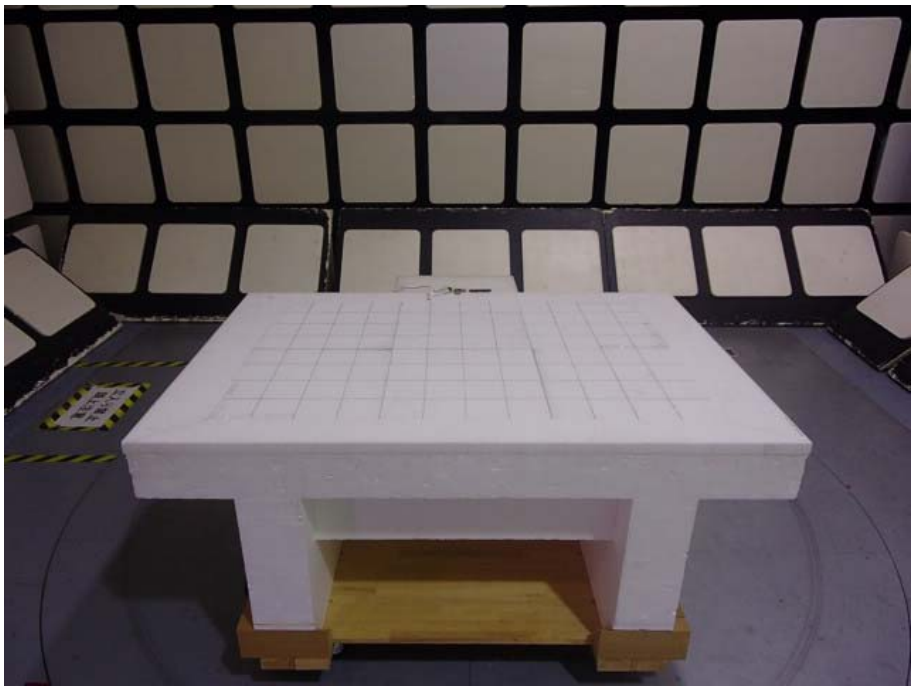


Photo 1

Photo 2

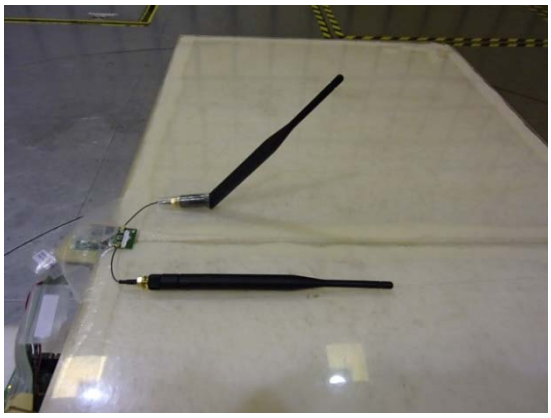
Worst Case Position

Antenna (Sleeve Antenna Transmission)

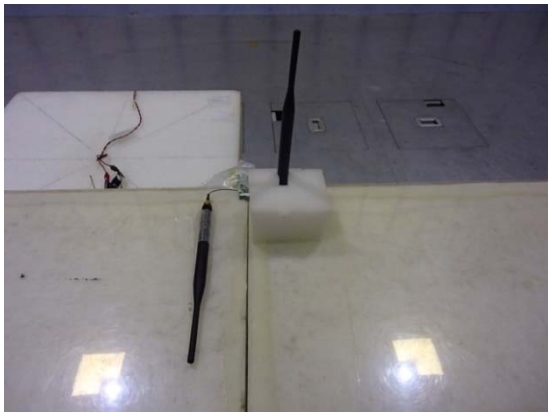
(Horizontal: Z90-axis / Vertical: Y0-axis) (Below 1 GHz)
(Horizontal: X0-axis / Vertical: X0-axis) (Above 1 GHz)

X0-axis

X45-axis



Y0-axis



Y45-axis

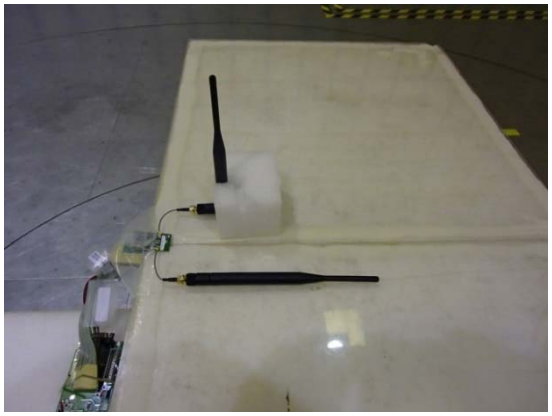
Z0-axis

Z45-axis

Worst Case Position

Antenna (Sleeve Antenna Transmission)

X90-axis



Y90-axis

Z90-axis

Worst Case Position

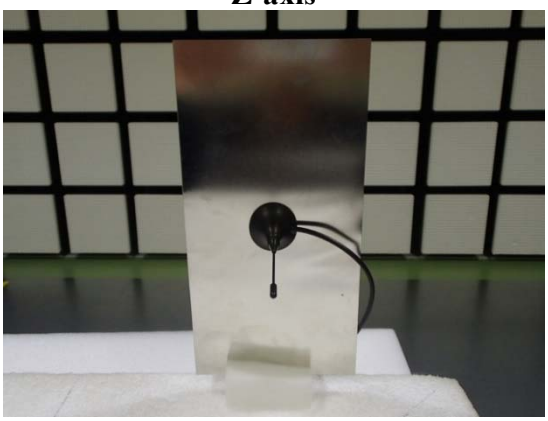
Antenna (λ/4 Monopole Antenna Transmission)

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

X-axis

Y-axis

Z-axis



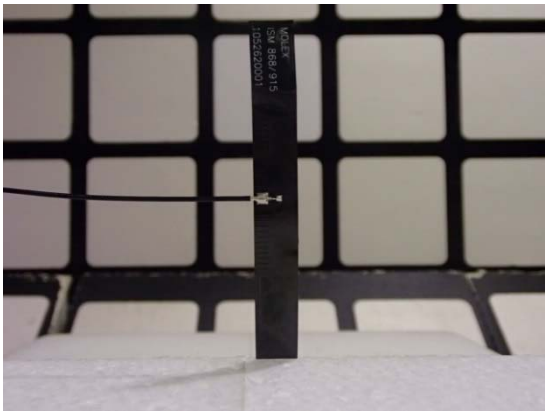
Worst Case Position

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

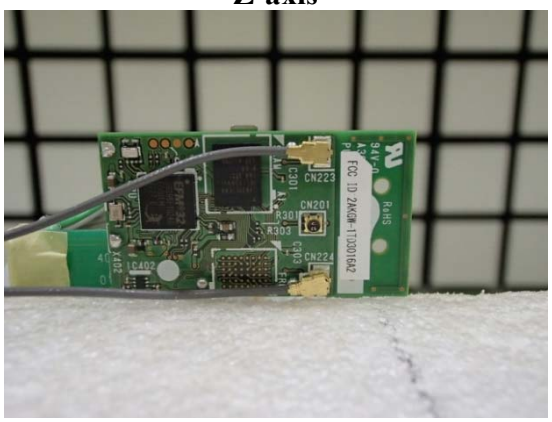
Module (External Antenna Transmission)

(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

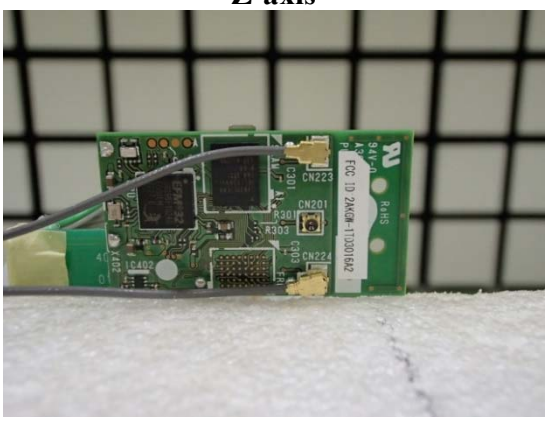
Module & Antenna (Internal Antenna Transmission)

(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

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