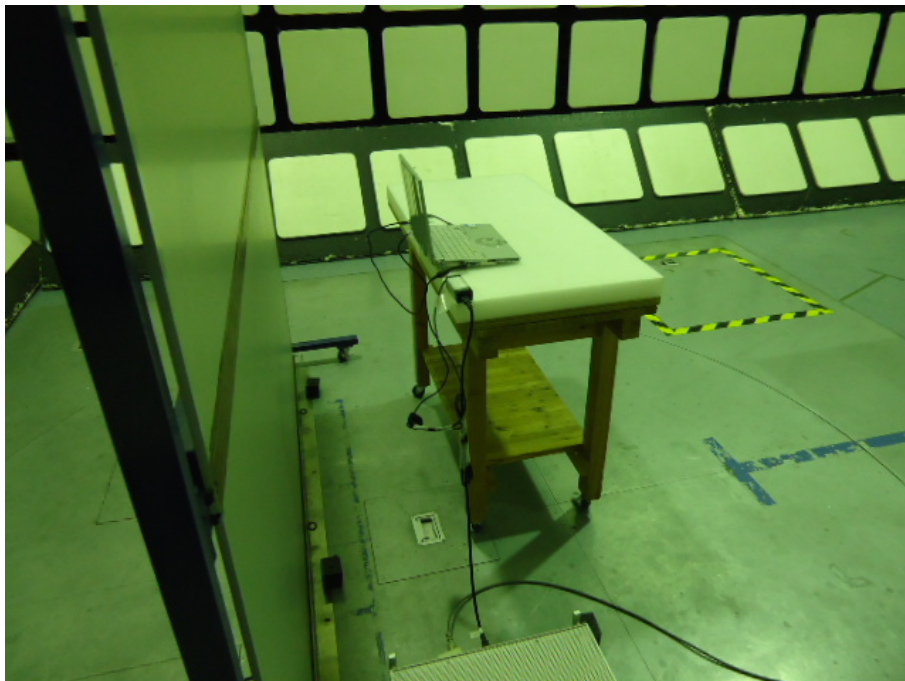


### **APPENDIX 3: Photographs of test setup**

#### **Conducted Emission** **(Chip Antenna)**

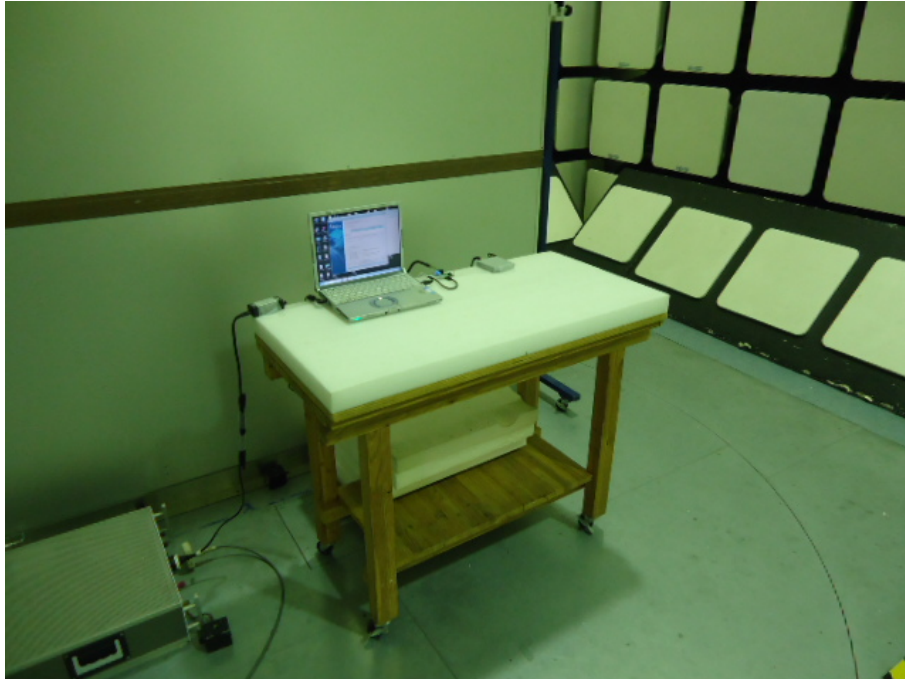


**Photo 1**

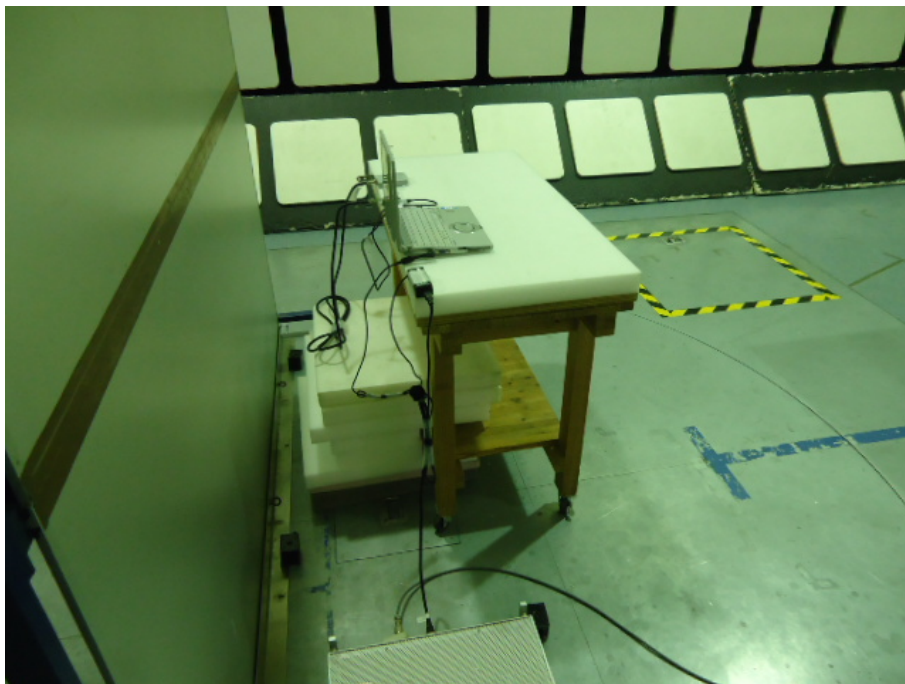


**Photo 2**

**Conducted Emission**  
**(Patch antenna: PA2409S)**



**Photo 1**



**Photo 2**

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**UL Japan, Inc.**

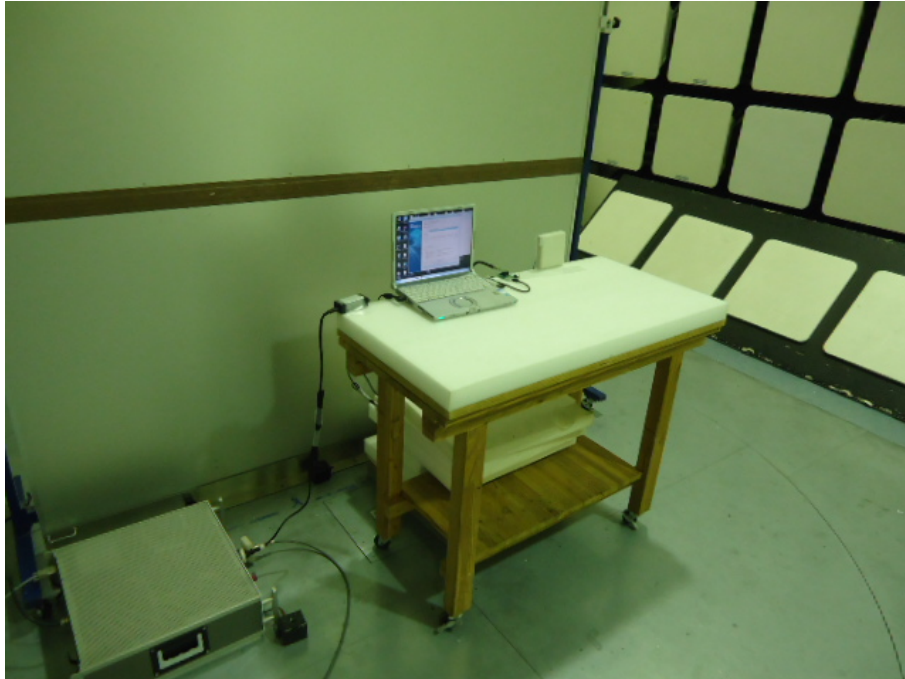
**Ise EMC Lab.**

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

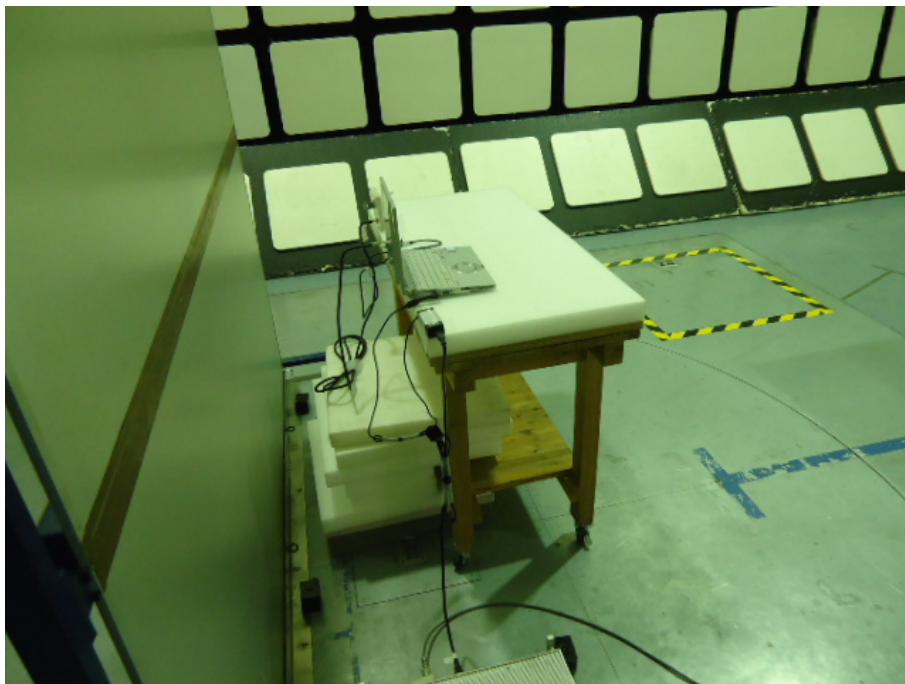
Telephone : +81 596 24 8999

Facsimile : +81 596 24 8124

**Conducted Emission**  
**(Patch antenna: PAT209S-24)**



**Photo 1**



**Photo 2**

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**UL Japan, Inc.**

**Ise EMC Lab.**

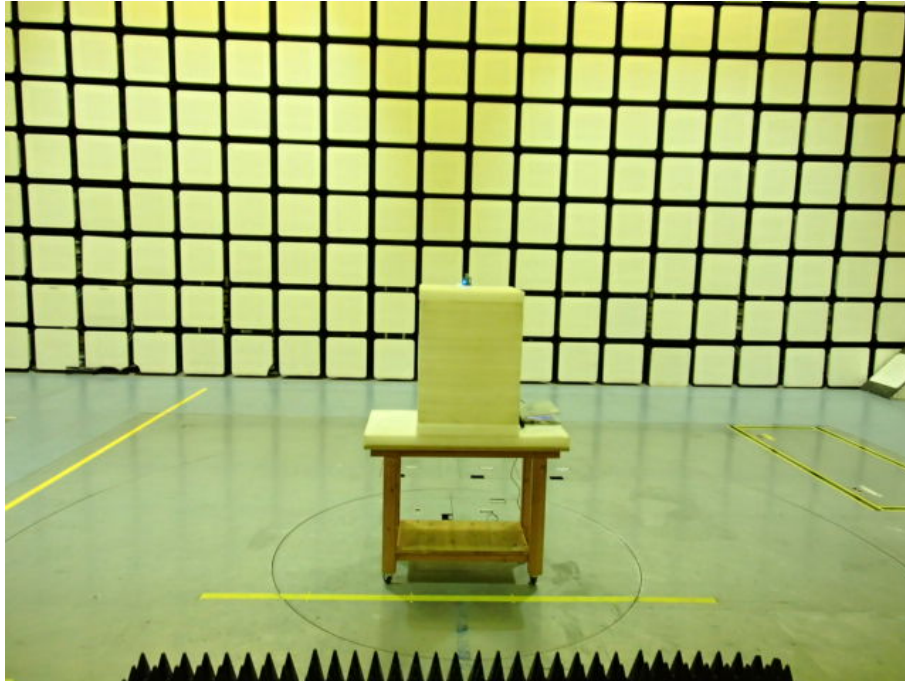
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8999

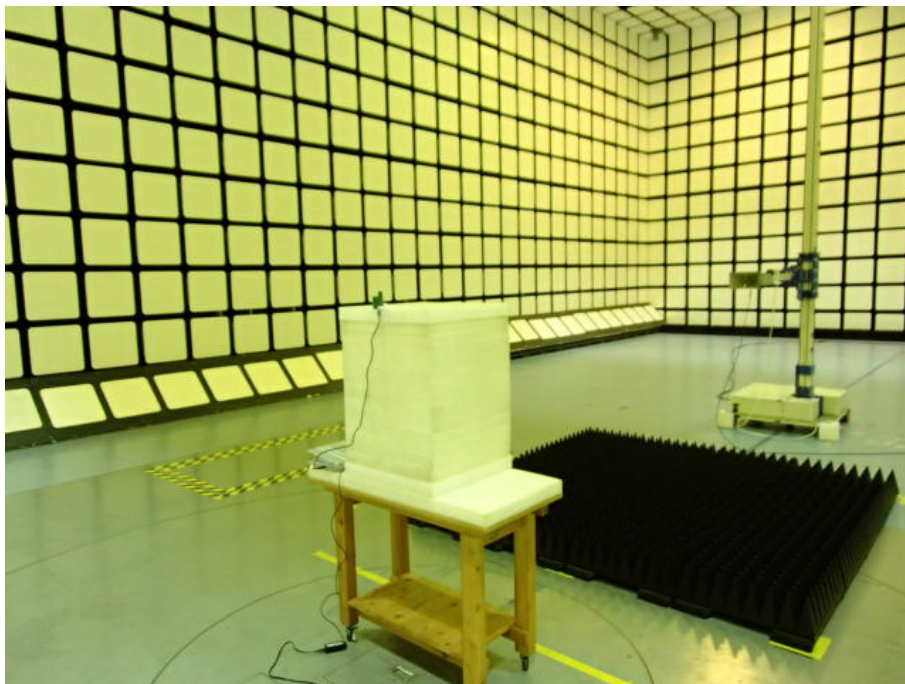
Facsimile : +81 596 24 8124



**Radiated Spurious Emission**  
**(Chip Antenna)**

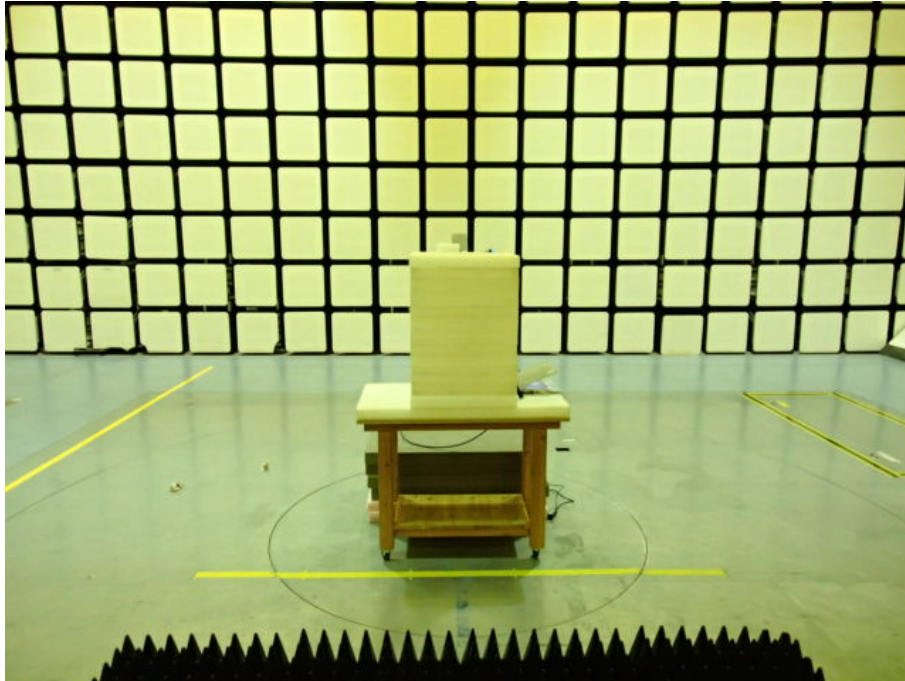


**Photo 1**

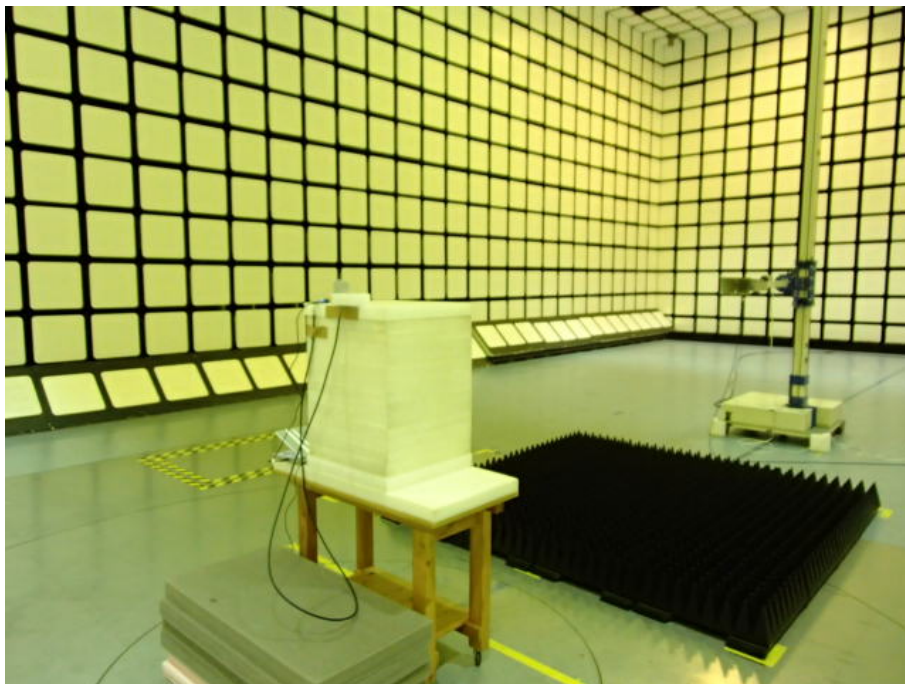


**Photo 2**

**Radiated Spurious Emission**  
**(Patch antenna: PA2409S)**

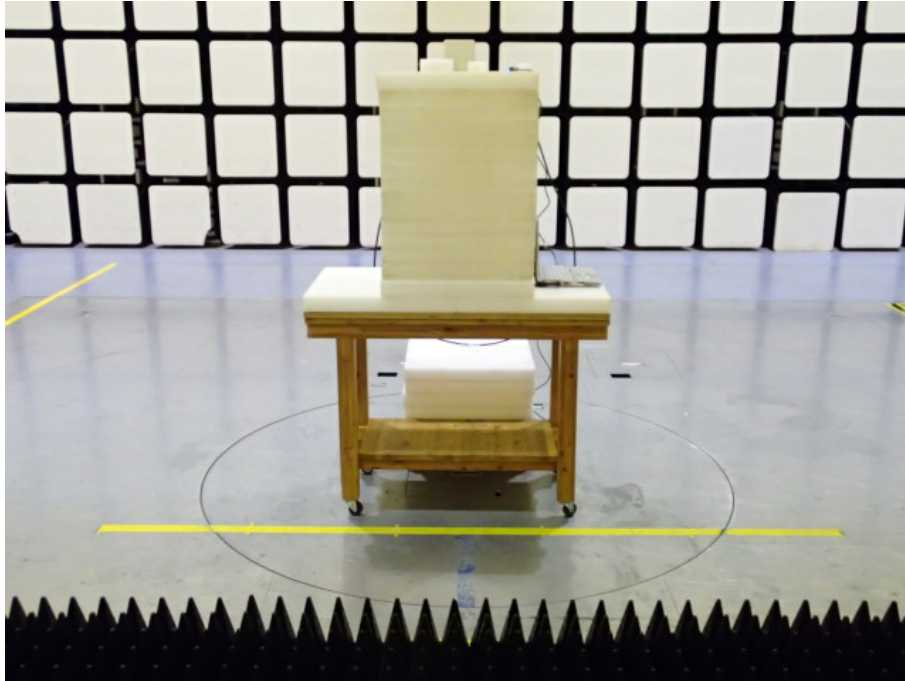


**Photo 1**

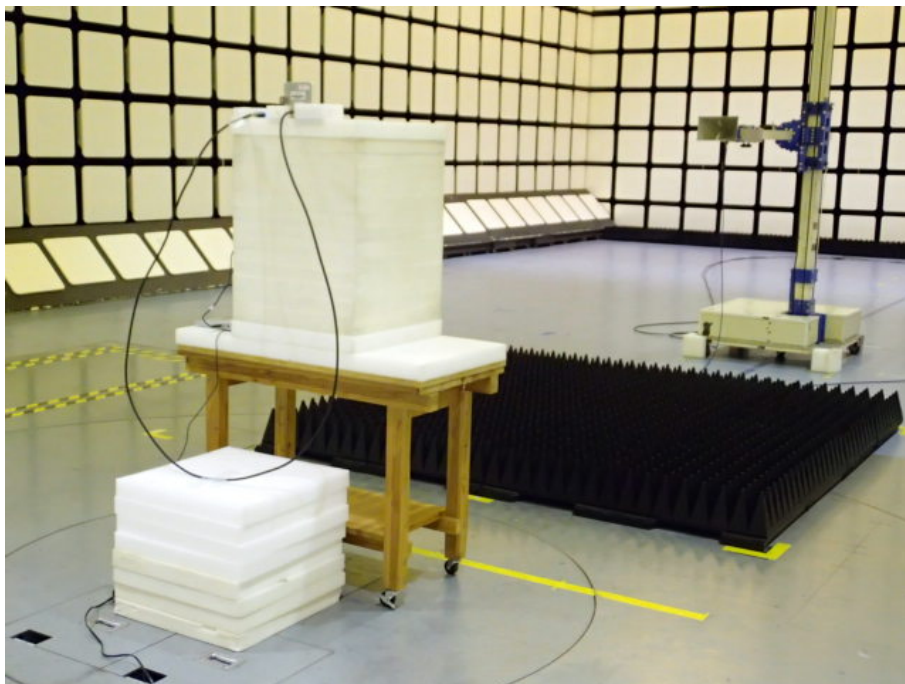


**Photo 2**

**Radiated Spurious Emission**  
**(Patch antenna: PAT209S-24)**



**Photo 1**



**Photo 2**

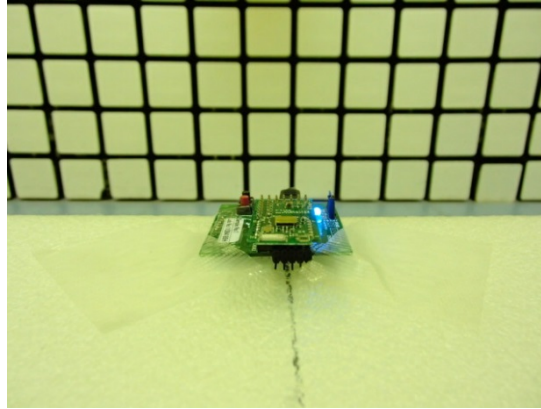


**Worst Case Position**  
**(Chip Antenna)**

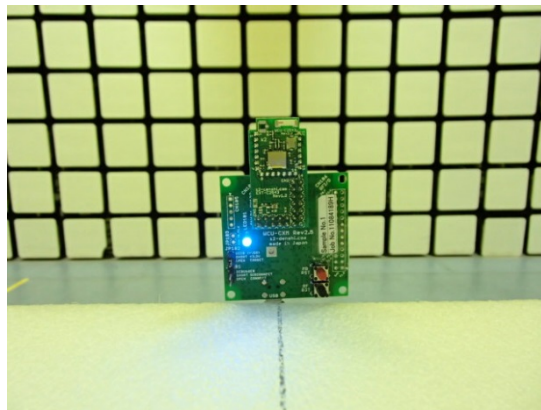
**(Horizontal: Z-axis/ Vertical: Y-axis) (Above 1GHz)**

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

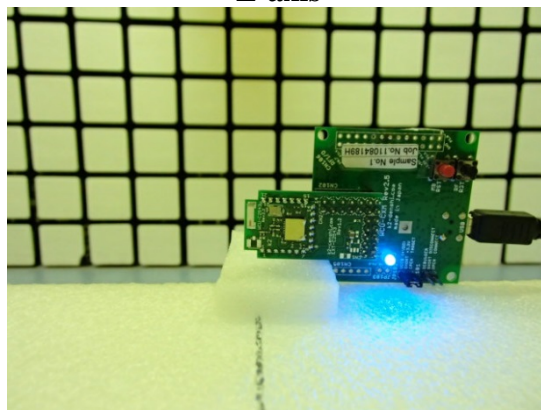
**X-axis**



**Y-axis**

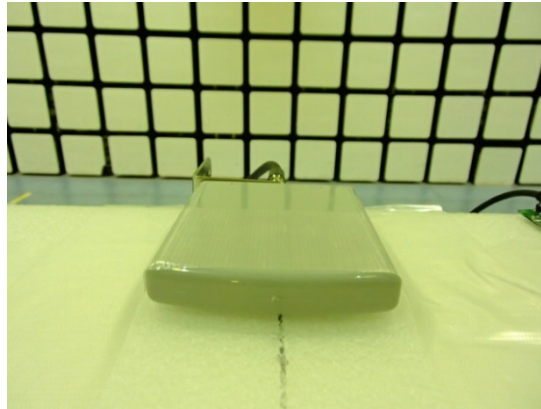


**Z-axis**

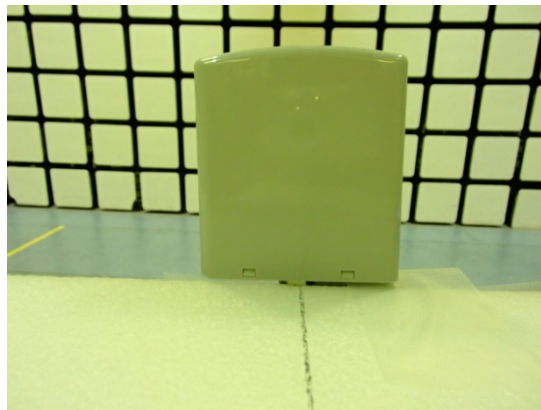


**Worst Case Position**  
**(Patch antenna: PA2409S)**  
**(Horizontal: Z-axis/ Vertical: Y-axis) (Above 1GHz)**  
**(Horizontal: X-axis/ Vertical: X-axis) (Below 1GHz)**

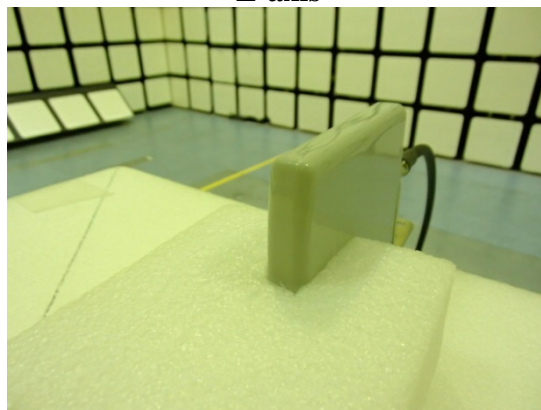
**X-axis**



**Y-axis**



**Z-axis**





**Worst Case Position**  
**(Patch antenna: PAT209S-24)**

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

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

**X-axis**



**Y-axis**

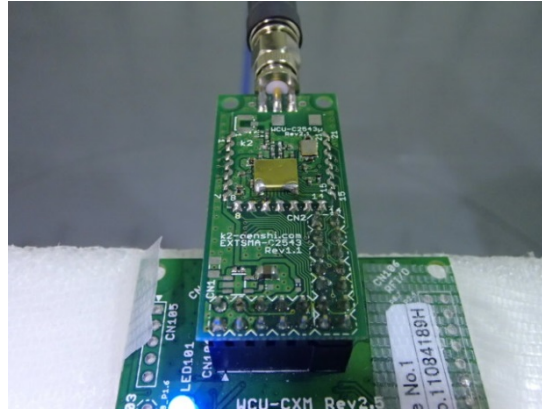


**Z-axis**



**Worst Case Position (Module)**  
**(Horizontal: X-axis/ Vertical: X-axis)**

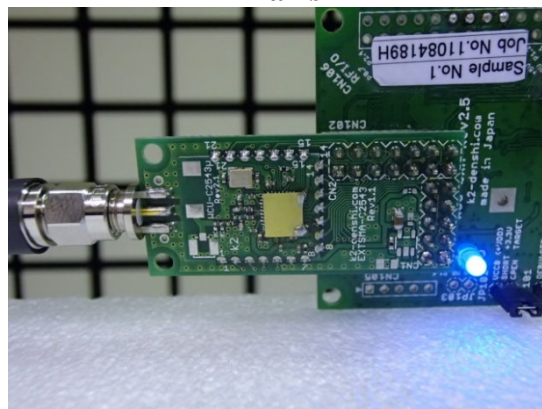
**X-axis**



**Y-axis**



**Z-axis**



**End of Report**