

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

#### **Conducted Emission**



**Photo 1**



**Photo 2**

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**UL Japan, Inc.**

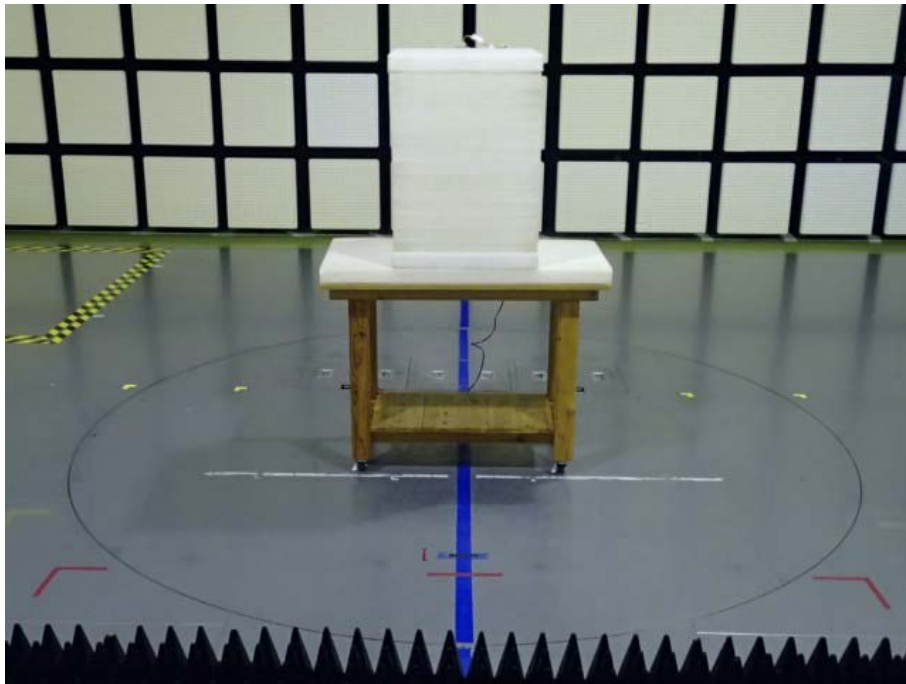
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### Radiated Spurious Emission



**Photo 1**



**Photo 2**

### **Worst Case Position**

(Module / WLAN Antenna WA/WB)

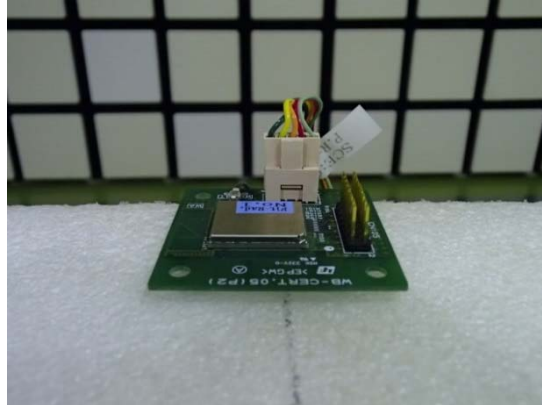
WLAN Above 1 GHz (Horizontal: X-axis/ Vertical: Y-axis)

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

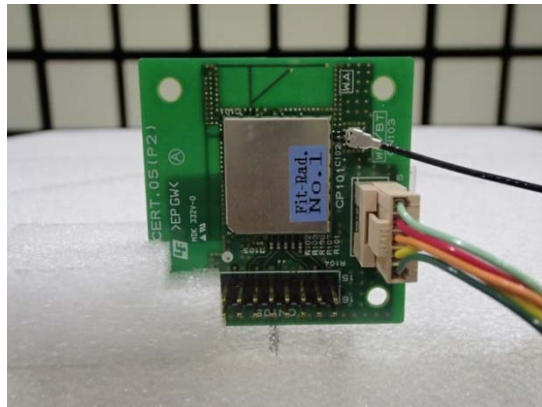
WLAN Below 1 GHz (Horizontal: X-axis/ Vertical: X-axis)

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

**X-axis**



**Y-axis**



**Z-axis**



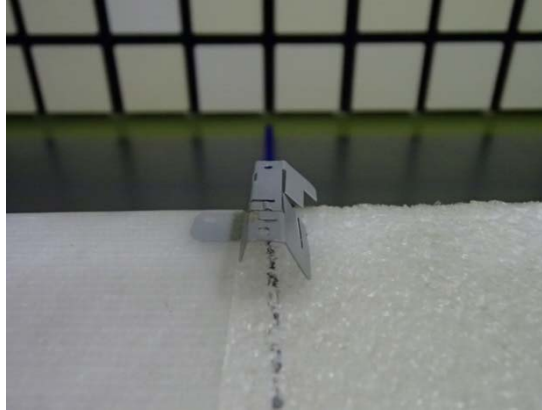
**Worst Case Position**

(BT Antenna WC)

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

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

**X-axis**



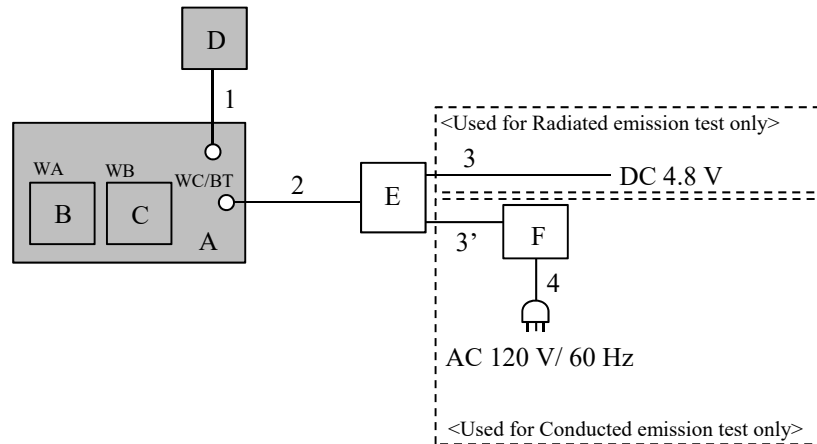
**Y-axis**



**Z-axis**



## Test Configuration and peripherals



\* Cabling and setup were taken into consideration and test data was taken under worse case conditions.

### Description of EUT and Support equipment

| No | Item                          | Model number               | Serial number | Manufacturer                   | Remarks |
|----|-------------------------------|----------------------------|---------------|--------------------------------|---------|
| A  | Wireless communication module | J20H096                    | No.1          | Sony Interactive Entertainment | EUT     |
| B  | IFA Antenna                   | -<br>(PWB Printed Antenna) | *1)           | Sony Interactive Entertainment | EUT     |
| C  | IFA Antenna                   | -<br>(PWB Printed Antenna) | *1)           | Sony Interactive Entertainment | EUT     |
| D  | PIFA Antenna                  | 2327815                    | No.2          | TE Connectivity                | EUT     |
| E  | Jig                           | -                          | No.2          | Sony Interactive Entertainment | -       |
| F  | DC Power Supply               | PMC35-2A                   | RM000298      | KIKUSUI                        | *2)     |

### List of cables used

| No | Name              | Length (m) | Shield     |            | Remarks |
|----|-------------------|------------|------------|------------|---------|
|    |                   |            | Cable      | Connector  |         |
| 1  | Antenna Cable     | 0.33       | Shielded   | Shielded   | -       |
| 2  | DC + Signal Cable | 0.20       | Unshielded | Unshielded | -       |
| 3  | DC Cable          | 2.50       | Unshielded | Unshielded | *3)     |
| 3' | DC Cable          | 0.40       | Unshielded | Unshielded | *2)     |
| 4  | AC Cable          | 2.20       | Unshielded | Unshielded | *2)     |

\*1) This item is controlled with A: Wireless communication module.

\*2) Used for Conducted Emission test only.

\*3) Used for Radiated Spurious Emission and Antenna Terminal Conducted tests.

## **End of Report**

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