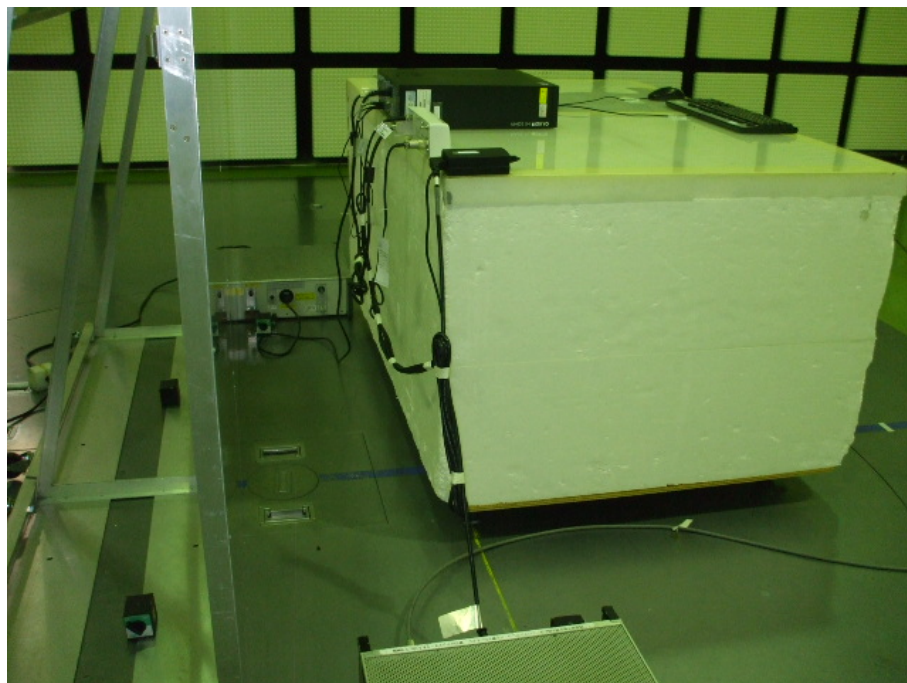


## **APPENDIX 1: Photographs of test setup**

### **Conducted Emission**



**Photo 1**

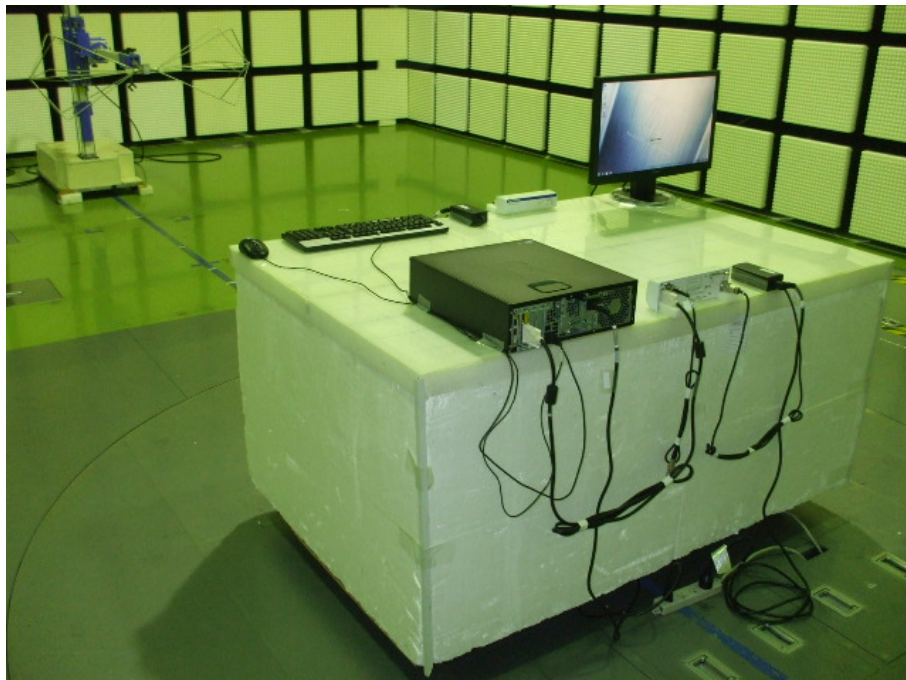


**Photo 2**

### Spurious Emission

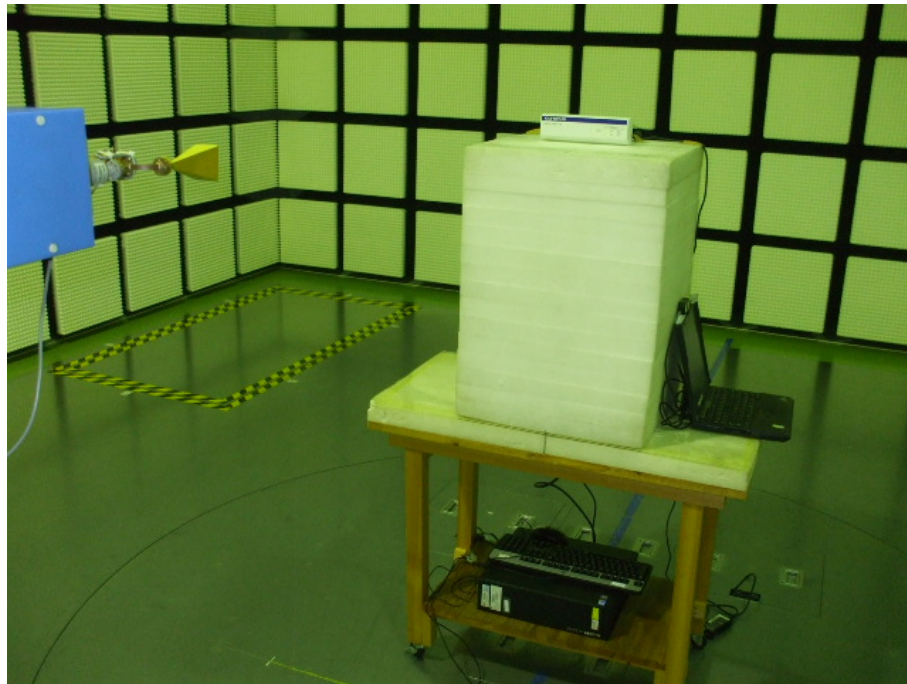


**Photo 1**

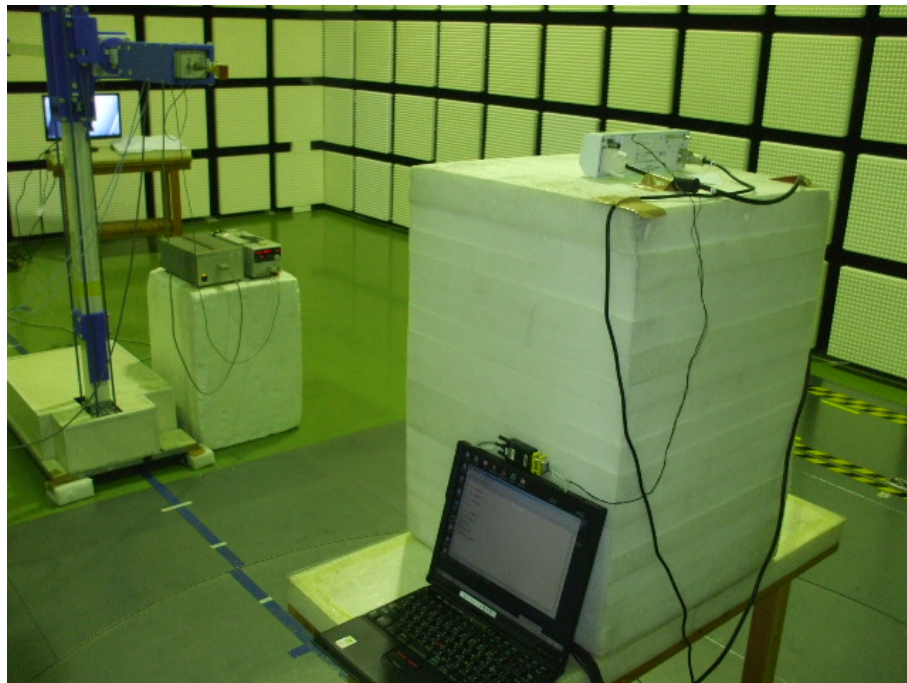


**Photo 2**

### Carrier Frequency Measurement



**Photo 1**



**Photo 2**

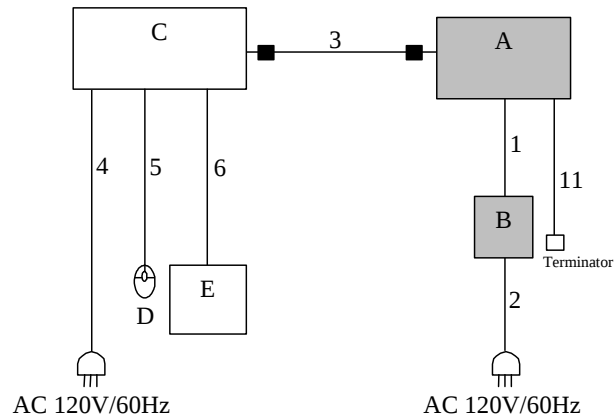
### Frequency Stability



**Photo**

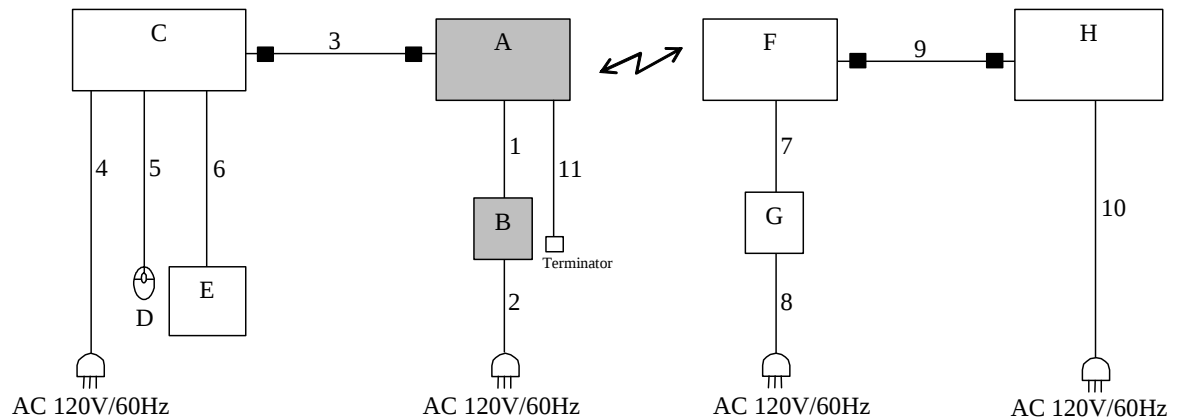
## 4.2 Configuration and peripherals

### [Conducted Emission]



■ : Standard Ferrite Core

### [Radiated Emission]



■ : Standard Ferrite Core

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

#### Description of EUT

| No. | Item                 | Model number  | Serial number  | Manufacturer                  | Remarks |
|-----|----------------------|---------------|----------------|-------------------------------|---------|
| A   | WIRELESS TRANSMITTER | UWIT-Y0001-TX | 0000004        | Olympus Medical Systems Corp. | EUT     |
| B   | AC ADAPTER           | OLP-K027-M    | R/D1 117037    | Olympus Medical Systems Corp. | EUT     |
| C   | Personal Computer    | WF988AV       | JPA1040N5X     | hp                            | -       |
| D   | Mouse                | M-UAL-96      | FASTR0C5BZNEWL | hp                            | -       |
| E   | Keyboard             | KU-0316       | BAUJD01VBZO1DJ | hp                            | -       |
| F   | WIRELESS RECEIVER    | UWIT-Y0001-RX | 0000004        | Olympus Medical Systems Corp. | -       |
| G   | AC ADAPTER           | OLP-K027-M    | R/D1 117038    | Olympus Medical Systems Corp. | -       |
| H   | LCD                  | RDT231WLM     | 01235909AJ     | MITSUBISHI                    | -       |

#### List of cables used

| No. | Name                 | Length (m) | Shield     |            | Remarks |
|-----|----------------------|------------|------------|------------|---------|
|     |                      |            | Cable      | Connector  |         |
| 1   | DC Cable             | 2.90       | Unshielded | Unshielded | -       |
| 2   | AC Cable             | 2.90       | Unshielded | Unshielded | -       |
| 3   | DVI-D Cable          | 3.00       | Shielded   | Shielded   | -       |
| 4   | AC Cable             | 1.90       | Unshielded | Unshielded | -       |
| 5   | USB Cable            | 1.75       | Shielded   | Shielded   | -       |
| 6   | USB CABLE            | 1.75       | Shielded   | Shielded   | -       |
| 7   | DC Cable             | 2.90       | Unshielded | Unshielded | -       |
| 8   | AC Cable             | 2.90       | Unshielded | Unshielded | -       |
| 9   | DVI-D Cable          | 3.00       | Shielded   | Shielded   | -       |
| 10  | AC Cable             | 2.90       | Unshielded | Unshielded | -       |
| 11  | 75 Ohm coaxial Cable | 1.00       | Shielded   | Shielded   | -       |