MICRONIX

Why is the anechoic box necessary?

Offering environment for throughput test and receiving sensitivity tests of wireless equipment in OTA (Over the Air)

Application

When performing OTA test of wireless equipment (hereinafter referred to as EUT), the correct evaluation is not possible by interference from around. By using the anechoic box, it is possible to perform OTA test in stable environment without being affected by radio waves traveling around. In particular, when evaluating EUTs such as 2.4GHz and 5GHz band including WiFi, mobile phone (800 MHz to 2.2 GHz) and terrestrial digital broadcasting apparatus (470 to 770 MHz), the anechoic box is a necessary tool for separation from commercial service waves. In addition, a product before obtaining the technical standards conformity certification has to be shielded by the anechoic box in order not to sprinkle an illegal radio wave.

Solution



- Convenient for carrying since it's small and lightweight. 2. I/F module / IFM2
- AC power supply(1pc), LAN(2pcs), USB(2pcs), D-sub9pin(1pc) 3. Sleeve antenna / M30x

Offering seven kinds of antennas depending on frequency band.

- mechanism (example)
- 1. Anechoic box / MY1525
- Anechoic box with ventilation fan for heated equipment 2. I/F module / IFM10
- AC power supply(1pc), LAN(1pc), USB(2pcs), D-sub9pin(1pc) 3. Sleeve antenna / M30x

Offering seven kinds of antennas depending on frequency band.

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