Evaluation of Wireless Terminal & Wireless Module (Low-power Wireless such as ZigBee etc.)

【～*Application*～】

・The evaluation of Wireless terminal & module is possible in the environment where the unnecessary radio wave is suppressed.

【～*Solution*～】

① Transmission characteristics test of wireless terminal & module by air connection

・The radio wave transmitted from the wireless module on the turntable is received by the receiving antenna installed at the opposite side of the wireless module, and it is output outside of the anechoic box.

・Each evaluation test of the transmission characteristics of the wireless module is performed by a measuring instrument such as spectrum analyzer connected with the in/out terminal.

Connection example)

② Receiving characteristics test of wireless terminal & module by air connection

・The signal of the wireless terminal is transmitted from the transmission antenna through the programmable attenuator. Then the baseband signal is output from the wireless module and measured.

・The receiving sensitivity and the receiving level are measured by a measuring instrument such as BER instrument, spectrum analyzer and power meter connected with the in/out terminal.

Connection example)