

# Antenna radiation pattern measurement system

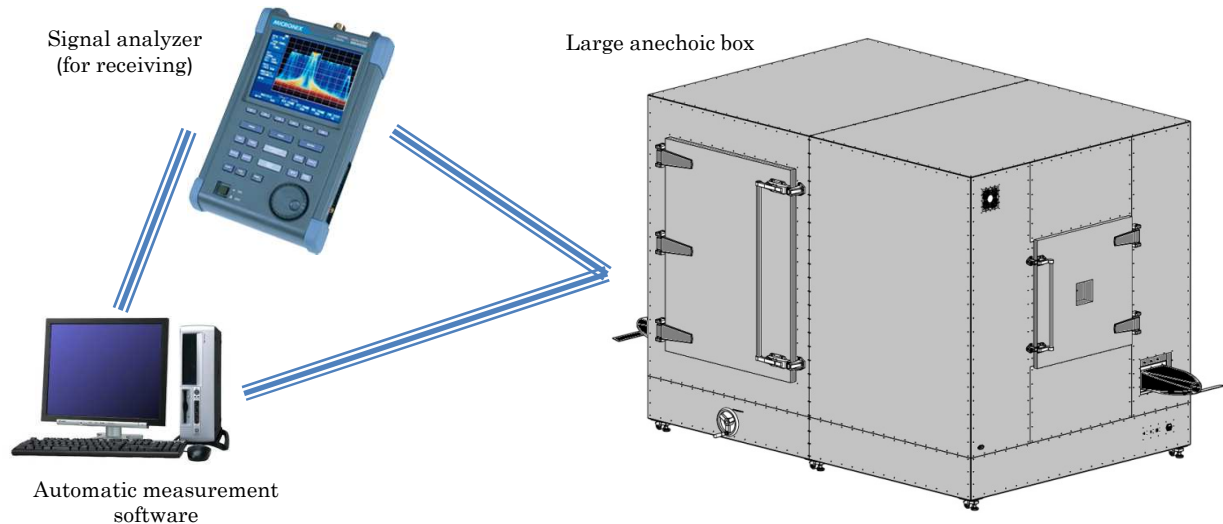
◇ System for measuring the antenna radiation pattern and gain of a small antenna using anechoic box

**\*Application\***

By installing the optional 2-axis positioner, this system enables the spherical radiation power measurement. This system is inexpensive and easy to install compared with an anechoic room.

**\*Solution\***

■ System image



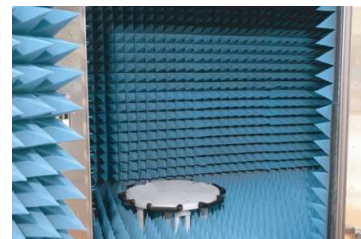
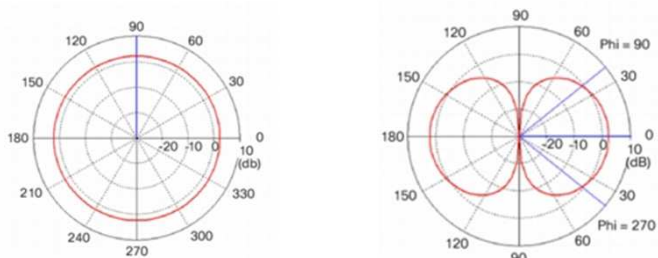
■ Anechoic box/specification example

Item	Specifications
Inside dimensions	approx. 2000(W)×1200(D)×1100(H) mm
Radio wave absorber	8 inch (20cm)
Frequency band	600MHz to 6GHz



■ Automatic measurement software/specification example

By installing 2-axis positioner in an anechoic box, the three-dimensional radiation pattern can be easily measured.



**\*System configuration\***

- Large anechoic box (with polarization change mechanism & radio wave absorber)
- 2-axis positioner (positioner controller)
- Receiving antenna (Biconical/Log periodic)
- Signal analyzer (for receiving)
- Automatic measurement software
- Calibration kit (standard signal generator / measuring antenna / rotary connector)
- RF cable