

Antenna Under Test

CONFIDENTIAL

Date of test	2024.1.16
Engineer	Takeshi Takeuchi (Wave Technology Inc.)

Antenna description

Type

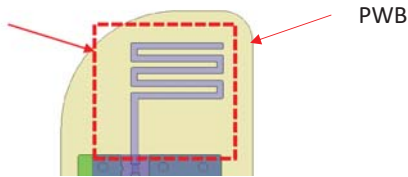
Pattern antenna (monopole antenna)

Size

3.6 x 3.0mm

Shape

Pattern antenna



Test Instruments

Description	Manufacturer	Model	Last Calibration Date
Spectrum analyzer	ADVANTEST	R3264	2023.12.6
Signal Generator	Anritsu	MG3671A	2023.12.13

Test software

VBA

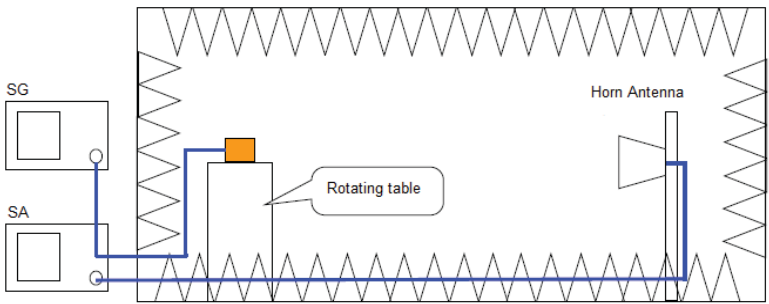
Test method

Place the test item on a rotating table.

Rotate the test table 360 degrees and measure the radiation pattern.

Replace the test item with the reference antenna, and calculate the antenna gain of the test item from the reading of the measuring device and the gain of the reference antenna.

Photographs of test setup



Test result

Gain

frequency	Peak[dBi]	Average[dBi]
2402MHz	-4.6	-6.3
2440MHz	-3.6	-5.1
2480MHz	-3.1	-4.9

Pattern

