

Antenna Specifications

FCC ID: 2AF77-BAD0010U

IC ID: 20741-BAD0010U

Model Number: BAD0010U

Antenna Manufacturer's name	WTT
Antenna Manufacturer's Address	Room 110, Building 5, Nanxiang Zhidi Phase III, No. 1101 Huyi Road, Jiading District, Shanghai.
Antenna Pattern	PIFA

Frequency range of operation:

- Wi-Fi/BLE: 2402~2480MHz

Antenna type: PIFA

Antenna gain:

- Wi-Fi: 3dBi

Lab name: WTT

Lab address: Room 110, Building 5, Nanxiang Zhidi Phase III, No. 1101 Huyi Road, Jiading District, Shanghai

Measurement test method: Passive

Test equipment: GTS-1800

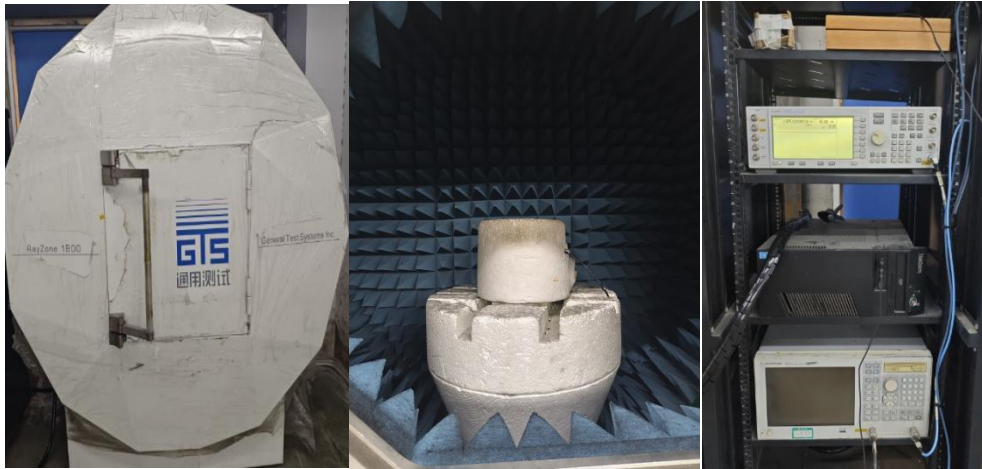
Calibration due: 2027.7.29

OTA chamber: GTS-2800

Test engineer: Min Yu

Test Date: 2026.03.19

Equipment setup:



Software used:

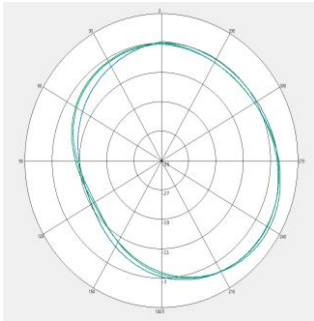
Test set-up:

1. Place the DUT at the center of the turntable,
2. Connecting the test cable to the DUT, and use the SPM software for passive measurement.
3. During the measured process, SATIMO SG24 will conduct radiation testing with the DUT through 23 probes by a vertical 360- degree; then the turntable will rotate a horizontal 180- degree.
4. After, a complete measurement of spherical 3D is completed.

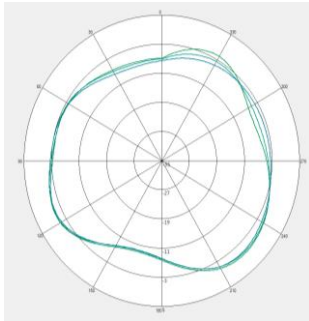
2D Radiation Pattern :

WIFI/BLE Antenna :

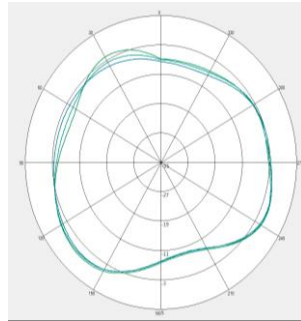
XY-Plane



XZ-Plane



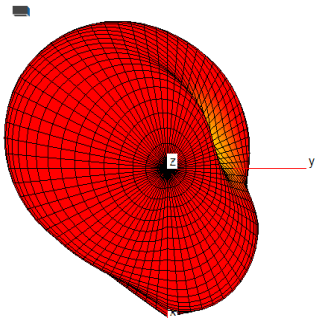
YZ-Plane



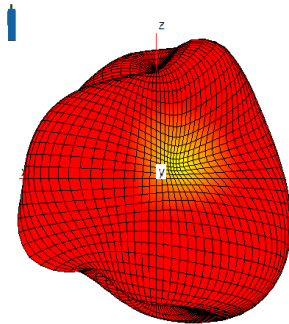
3D Radiation Pattern

WIFI/BLE Antenna :

XY-Plane



XZ-Plane



YZ-Plane

