

Antenna Specifications

FCC ID: 2AEUP-5CFYA5

IC ID: 20271-5CFYA5

Model Number: 5CFYA5

Antenna Manufacturer's name	INPAQ TECHNOLOGY (SUZHOU) CO., LTD
Antenna Manufacturer's Address	No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City, 215143 Jiangsu Province, China
Antenna Pattern	PIFA

Antenna Part Number:

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Frequency range of operation:

- Wi-Fi/BLE: 2402~2480MHz

Antenna type:

- PIFA

Antenna gain:

- Wi-Fi: 2.61dBi

Lab name:

- INPAQ TECHNOLOGY (CHUNAN) CO., LTD.

Lab address:

- No. 90, Keyi St., Zhunan Township, Miaoli County 350402, Taiwan (R.O.C.)

Measurement test method:

- Passive

Test equipment:

- VNA - Keysight(E5071C) ; RF Switch - TEMRADIO

Calibration due:

- VNA – 2026/07/21 ; RF Switch – 2026/06/02

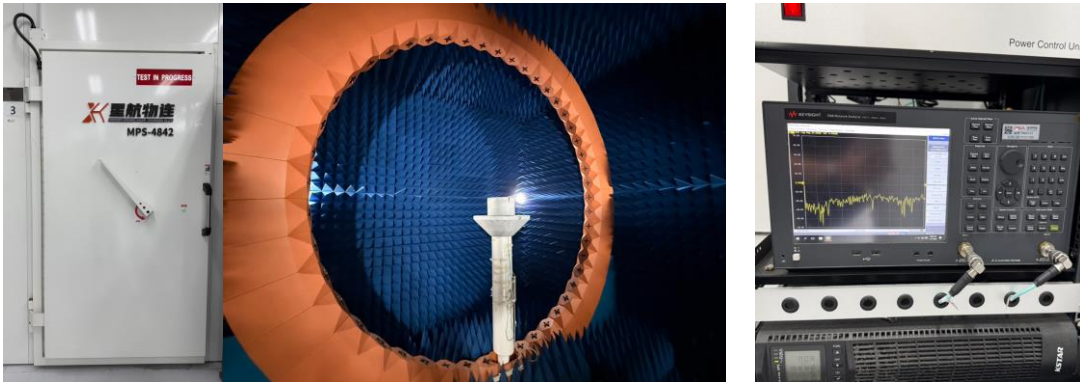
OTA chamber:

- MPS4842

Test engineer:

- Ian.Chen

Equipment setup:



Software used:

- XH.PassiveTest

Test set-up:

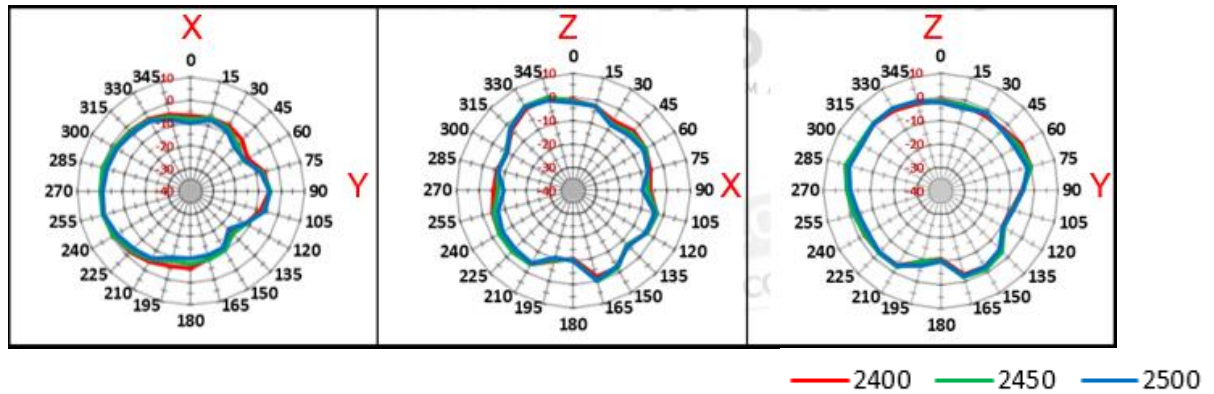
- 1.Place the DUT at the center of the turntable,
- 2.Connecting the test cable to the DUT, and use the XH.PassiveTest software for passive measurement.
- 3.During the measured process, MPS4842 will conduct radiation testing with the DUT through 48 probes by a vertical 360- degree; then the turntable will rotate a horizontal 180- degree.
4. After, a complete measurement of spherical 3D is completed.

Antenna radiation pattern:

- Linear

2D Radiation Pattern :

WIFI/BLE Antenna :



3D Radiation Pattern

WIFI/BLE Antenna :

