

Antenna Product Specification

Entry Name	Tomcat
Frequency Channel	Wi-Fi:2400-2500Mhz 5150-7125Mhz BT: 2400-2500Mhz
Supplier Name	Innowave Communication Technology Co., Ltd.
Manufacturer Address	2nd Floor, No.10, Shaling West Road, Xiakou Management Area, Dongcheng Street, Dongguan City

1. Type of Antenna:

WIFI&BT:LDS

NFC: FPC

Antenna attachment type: Fixed/Internal mounted

Test chamber: GTS

Testing software: Ray zone 1800

Test instrument and calibration date: E5071C

E5017C Calibration date: On April 1st, 2024

Due date: On April 1st, 2025

Chamber Calibration date: On April 1st, 2024

Due date: On April 1st, 2025

Engineer's signature :

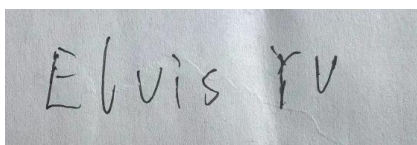
A photograph of a piece of paper with the handwritten signature 'Elvis Yu' in black ink.

Photo of the antenna test:



2. Gain

Antenna 8: WIFI&BT Gain

Freq (MHz)	Peak Gain(dBi)
2400~2483.5MHz	0.3
5150~5850MHz	0.8
5850~7125MHz	0.9

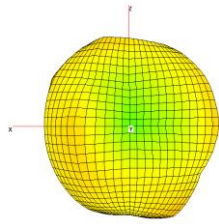
Antenna 9: WIFI Gain

Freq (MHz)	Peak Gain(dBi)
2400~2483.5MHz	0.9
5150~5850MHz	1.0
5850~7125MHz	1.4

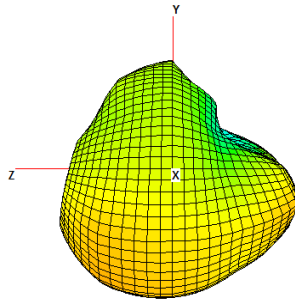
3. 3D Directional Pattern2500

Antenna 8: WIFI&BT

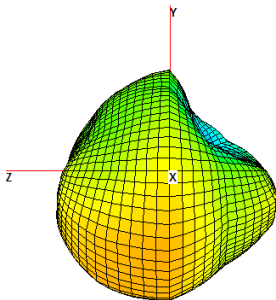
WIFI 2.4G (2450 MHz)



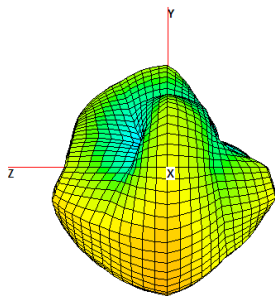
WIFI 5G (5200 MHz)



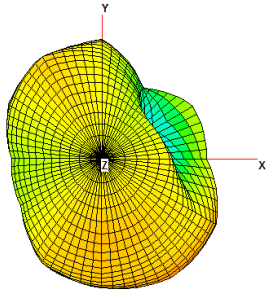
WIFI 5G (5400 MHz)



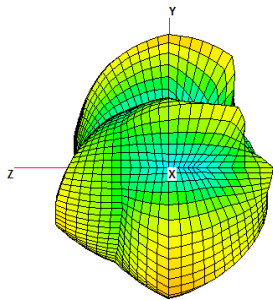
WIFI 5G (5600 MHz)



WIFI 5G (5800 MHz)

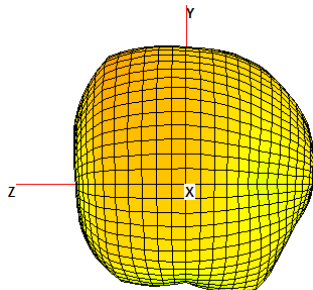


WIFI 6E (6200 MHz)

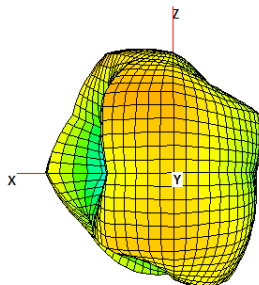


Antenna 9: WIFI

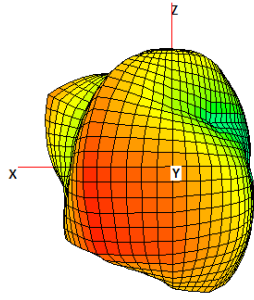
WIFI 2.4G (2450 MHz)



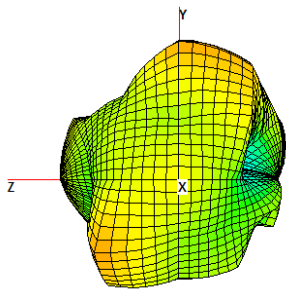
WIFI 5G (5200 MHz)



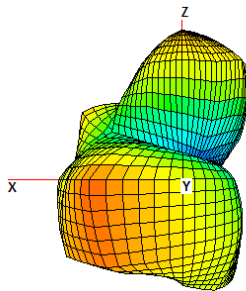
WIFI 5G (5400 MHz)



WIFI 5G (5600 MHz)



WIFI 5G (5800 MHz)



WIFI 6E (6200 MHz)

