

Antenna Product Specification

Entry Name	CT37
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 Size: 50*30mm

2nd BLE type: FPC

Antenna attachment type: Fixed/Internal mounted

Test chamber: GTS

Testing software: Ray zone 1800

Test instrument and calibration date: E5071C

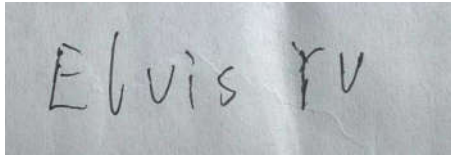
E5017C Calibration date: On April 1st, 2024

Due date: On April 1st, 2025

Chamber Calibration date: On April 1st, 2024

Due date: On April 1st, 2025

Engineer's signature :



2. Gain

2nd Ble gain

Freq (MHz)	Peak Gain(dBi)
2400~2483.5MHz	-8

Antenna 6: WIFI&BT Gain

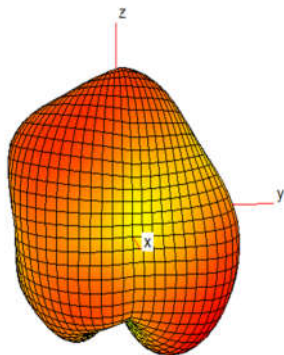
Freq (MHz)	Peak Gain(dBi)
2400~2483.5MHz	1.5
5150~5250MHz	1.4
5250~5350MHz	1.3
5470~5725MHz	0.9
5725~5850MHz	0.7
5850~5925MHz	0.6
5925~6425MHz	0.6
6425~6525MHz	1.1
6525~6875MHz	0.8
6875~7125MHz	0.9

Antenna 7: WIFI Gain

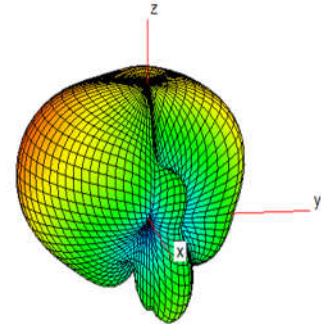
Freq (MHz)	Peak Gain(dBi)
2400~2483.5MHz	1.1
5150~5250MHz	0.7
5250~5350MHz	1.2
5470~5725MHz	0.8
5725~5850MHz	0.6
5850~5925MHz	0.3
5925~6425MHz	0.3
6425~6525MHz	0.7
6525~6875MHz	0.9
6875~7125MHz	1.1

3. 3D Directional Pattern2500

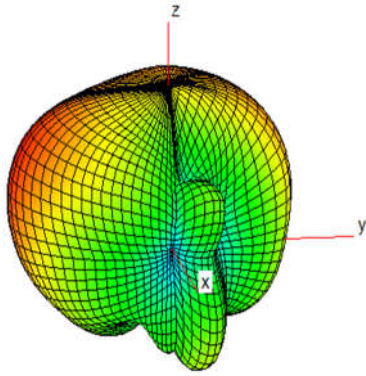
Antenna 6: WIFI&BT



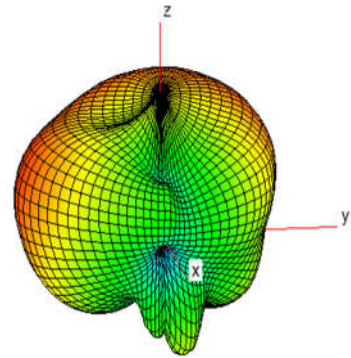
2450MHZ



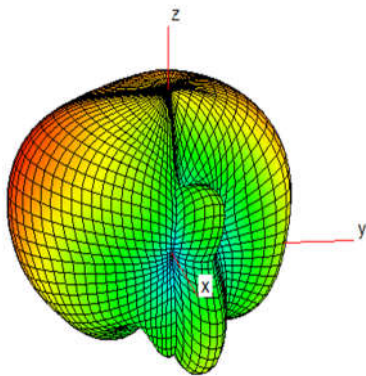
5250MHZ



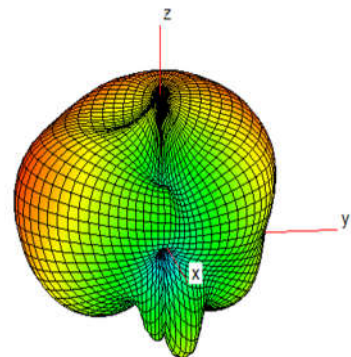
5350MHZ



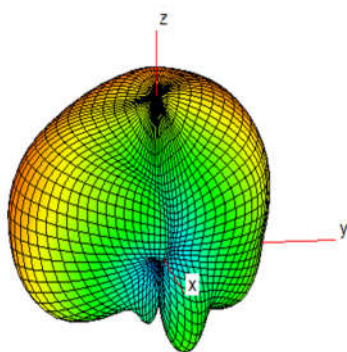
5700MHZ



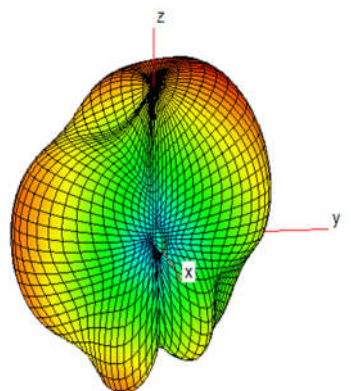
5850MHZ



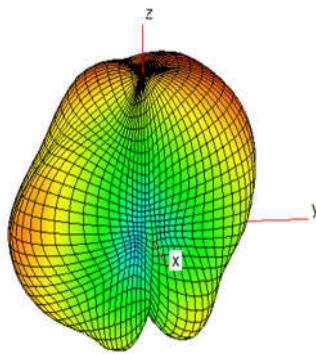
5900MHZ



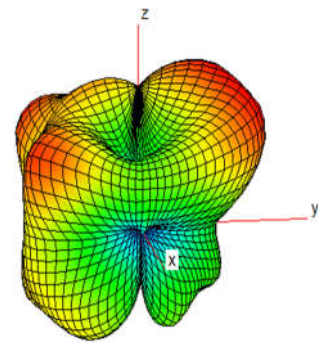
6400MHZ



6500MHZ

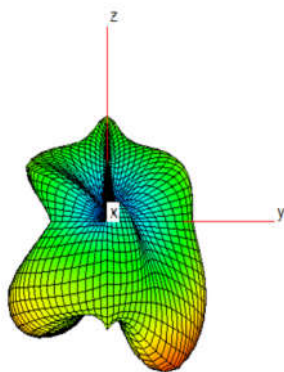


6800MHZ

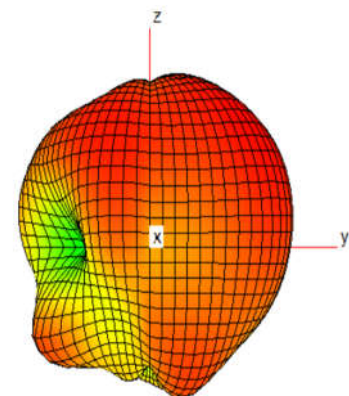


7100MHZ

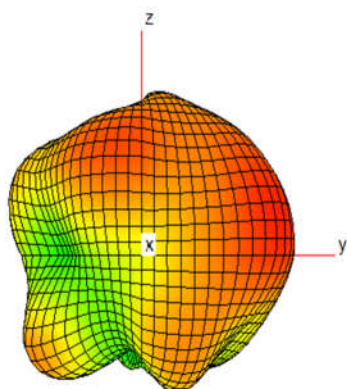
Antenna 7: WIFI



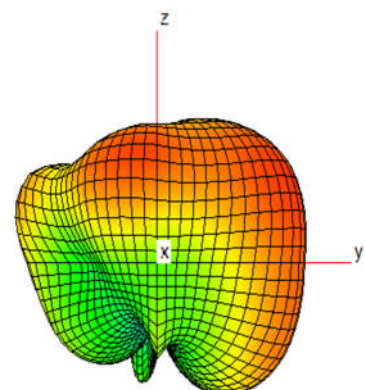
2450MHZ



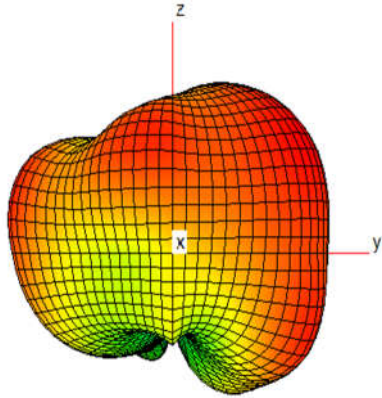
5250MHZ



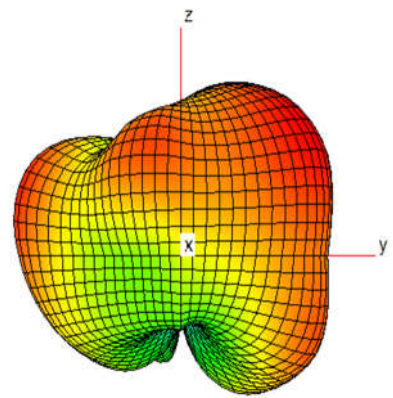
5350MHZ



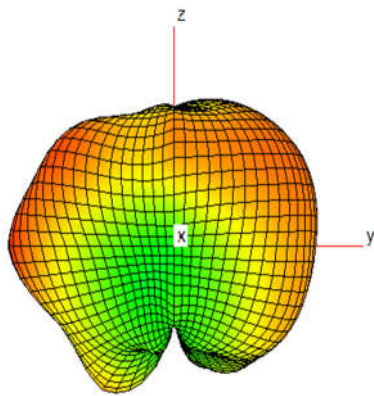
5700MHZ



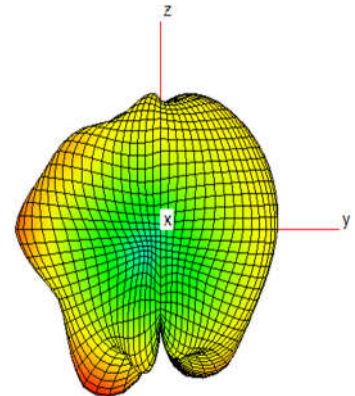
5850MHZ



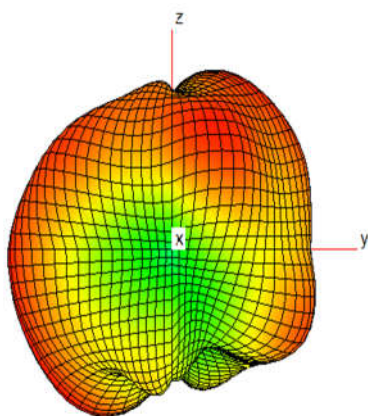
5900MHZ



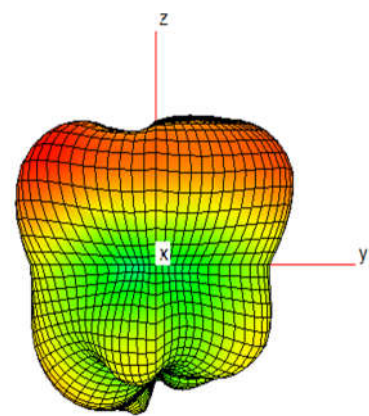
6400MHZ



6500MHZ



6800MHZ



7100MHZ