

Antenna Product Specification

Entry Name	SX65
Frequency	GPS/BT/Wi-Fi:1575/1175Mhz, 2400-2500Mhz 5150-7125Mhz
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:

NR<E&GPS&WIFI&BT:LDS

NFC: FPC

NFC Size: 50.3mm*27.34mm

Antenna attachment type: Fixed/Internal mounted

Test chamber: GTS

Testing software: Ray zone 1800

Test instrument and calibration date: E5071C

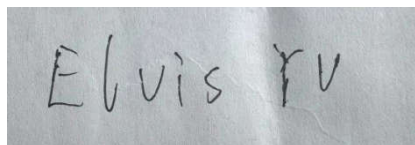
E5017C Calibration date: On October 10st, 2025

Due date: On February, 2026

Chamber Calibration date: On October, 2025

Due date: On February, 2026

Engineer's signature :

A rectangular box containing a handwritten signature in black ink that reads "Elvis Yu".

Cumming Sun

2. Gain

Antenna 2: WIFI Gain

Freq (MHz)	Peak Gain(dBi)	Min Gain(dBi)
1575MHz	-1.6	-2.4
2400~2483.5MHz	-1.9	-3.3
5150~5250MHz	-0.1	-1.3
5250~5350MHz	-0.1	-0.5
5470~5725MHz	-0.3	-1.9
5725~5850MHz	-0.7	-2.4
5850~5925MHz	-1.0	-2.5
5925~6425MHz	-0.1	-2.5
6425~6525MHz	-2.9	-3.6
6525~6875MHz	-0.5	-3.2
6875~7125MHz	-0.6	-2.8

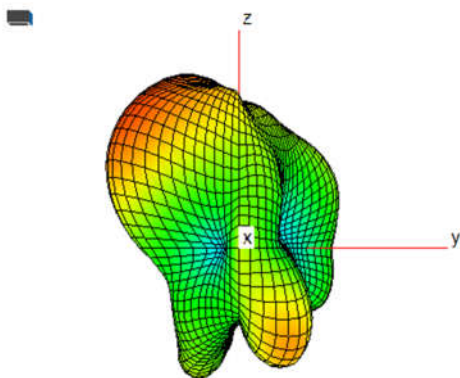
Antenna 3: WIFI Gain

Freq (MHz)	Peak Gain(dBi)	Min Gain(dBi)
1175MHz	-0.2	-1.5
2400~2483.5MHz	-0.7	-2.3
5150~5250MHz	-0.4	-1.9
5250~5350MHz	-0.3	-2.0

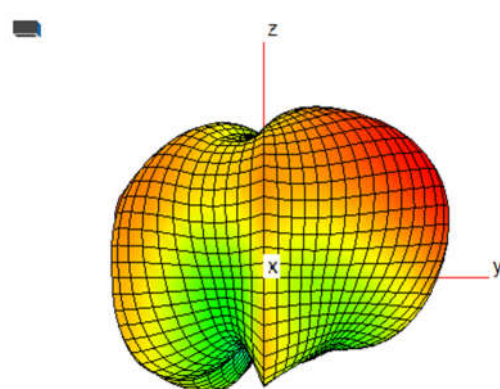
5470~5725MHz	-0.6	-3.6
5725~5850MHz	-0.6	-3.1
5850~5925MHz	-0.3	-2.4
5925~6425MHz	-0.6	-3.6
6425~6525MHz	-0.8	-3.7
6525~6875MHz	-2.6	-4.2
6875~7125MHz	-1.8	-3.9

3. 3D Directional Pattern2500

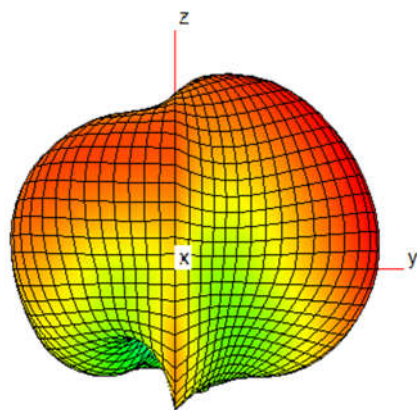
Antenna 2: WIFI



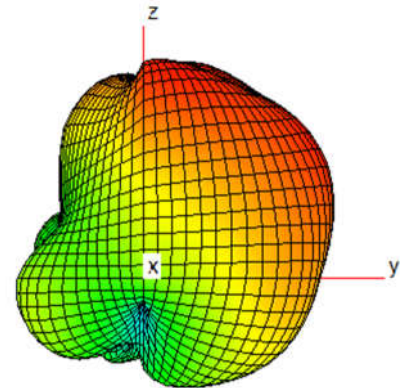
1575MHZ



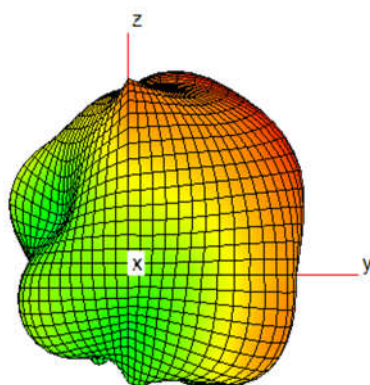
2400MHZ



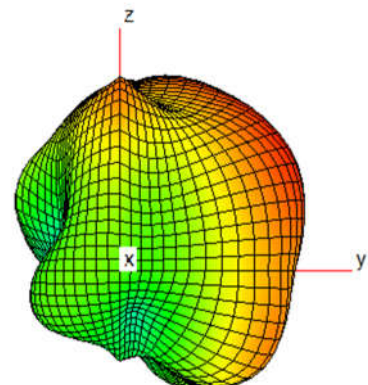
2483.5MHZ



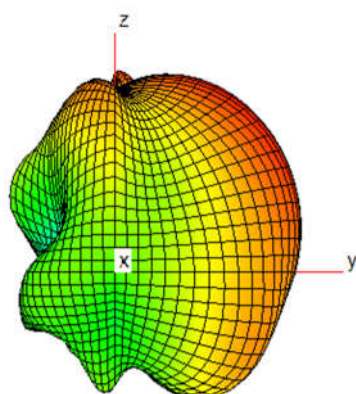
5150MHZ



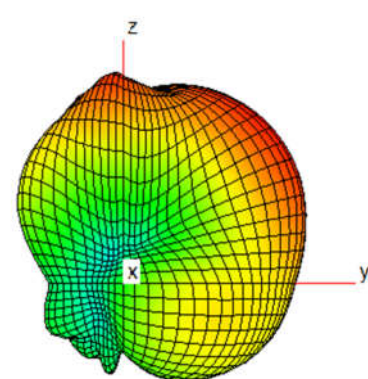
5250MHZ



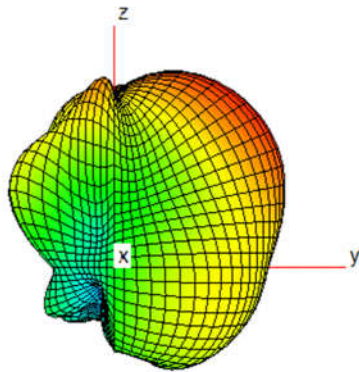
5350MHZ



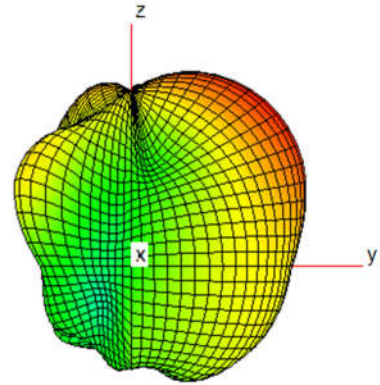
5475MHZ



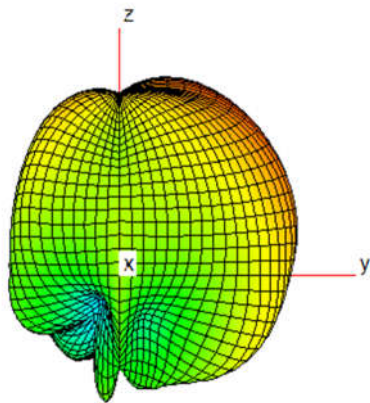
5725MHZ



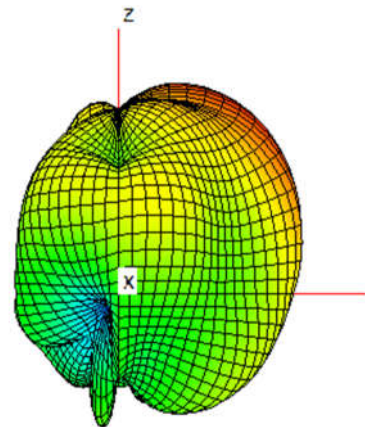
5850MHZ



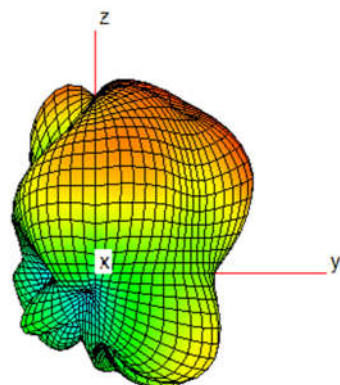
5925MHZ



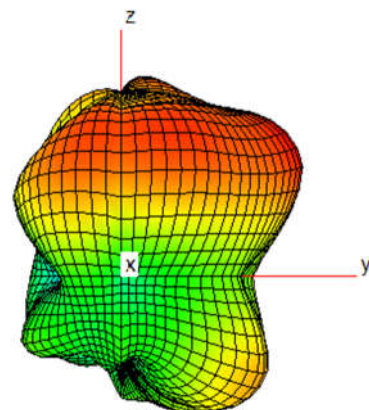
6425MHZ



6525MHZ

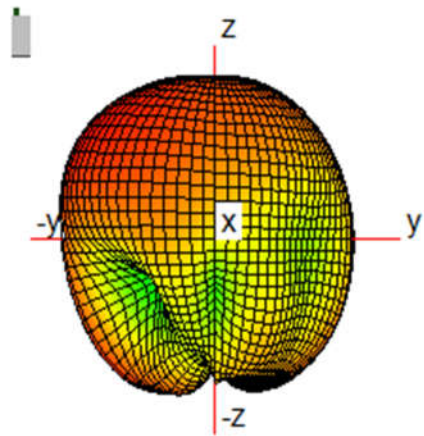


6875MHZ

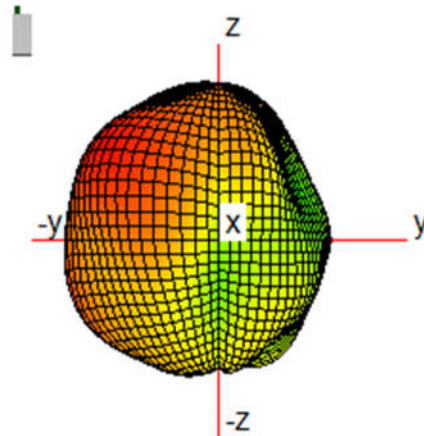


7150MHZ

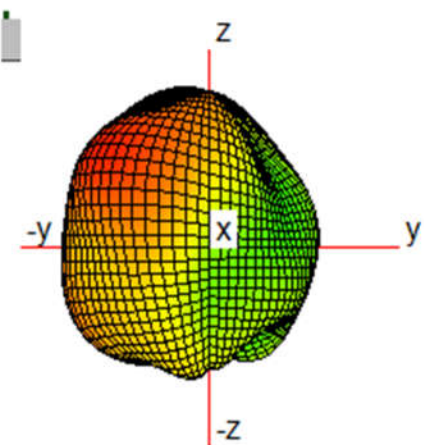
Antenna3: WIFI



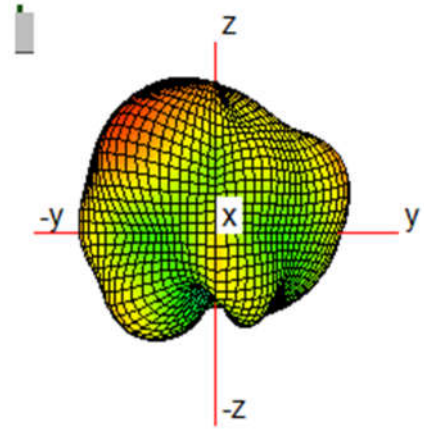
1175MHZ



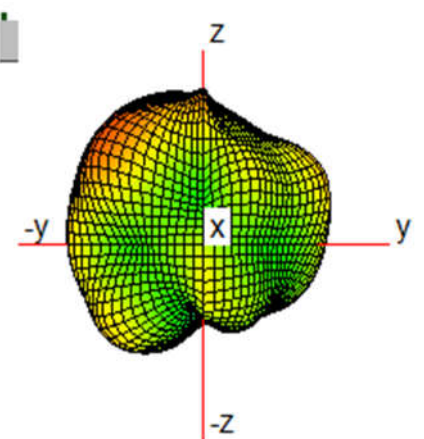
2400MHZ



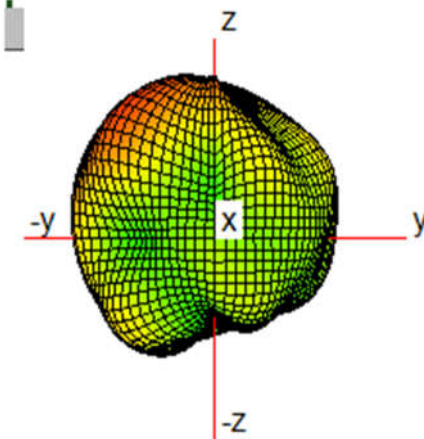
2483.5MHZ



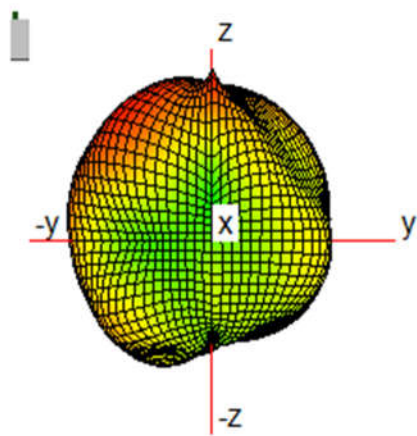
5150MHZ



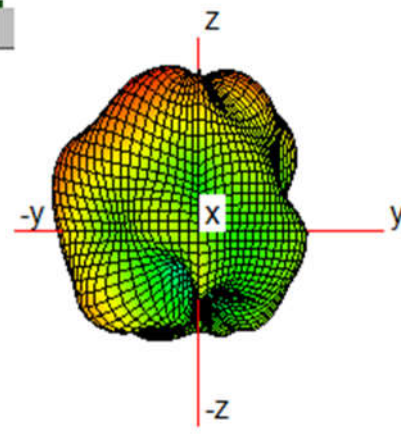
5250MHZ



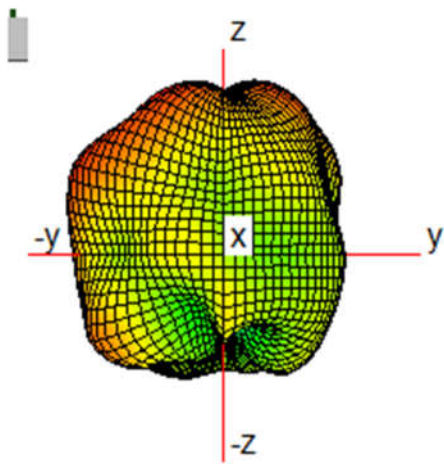
5350MHZ



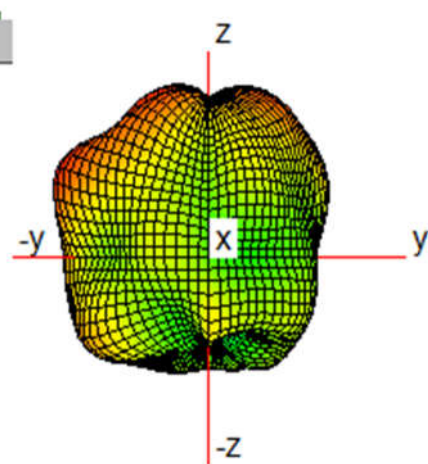
5475MHZ



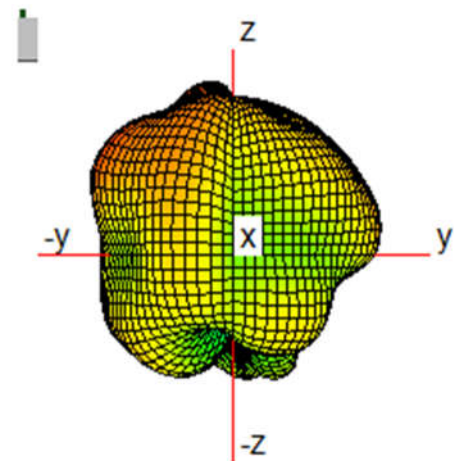
5725MHZ



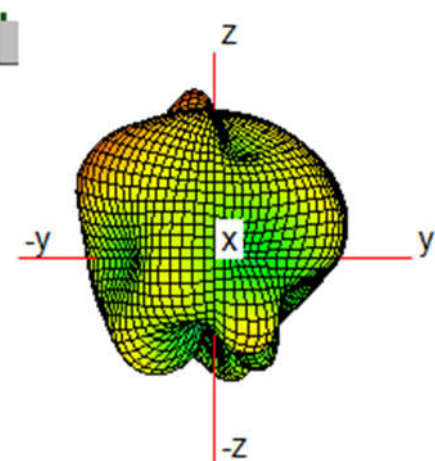
5850MHZ



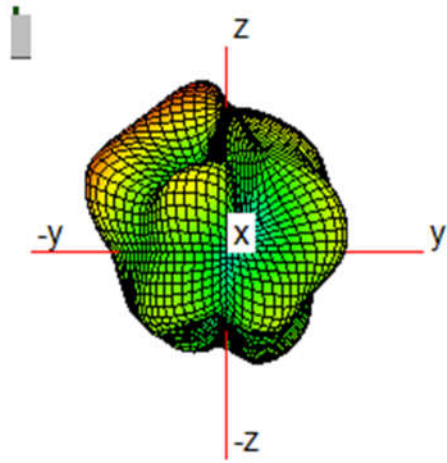
5925MHZ



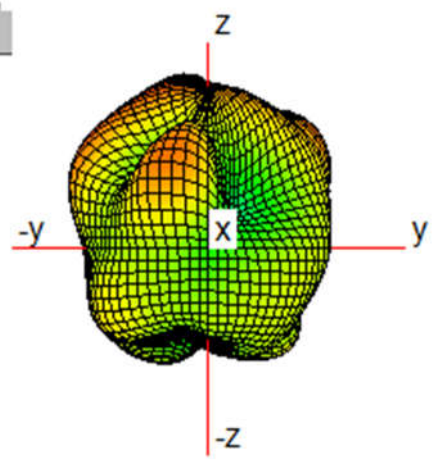
6425MHZ



6525MHZ



6875MHZ



7150MHZ