

Antenna Product Specification

Entry Name	SP6980A
Frequency Channel	WCN: GPS/BT/2.4G/5G/
Supplier Name	Zhejiang Haitong communication electronic Limited by Share Ltd Shanghai Branch
Manufacturer Address	1F, Building C5, Caohejing Kangqiao Business Oasis, No. 2555 Xiupu Road, Kangqiao Town, Pudong New Area, Shanghai

1. Type of Antenna: PIFA (WIFI&BT)

Antenna attachment type: Fixed/Internal mounted

Test chamber: satimo SG 24

Testing software: SPM 1.8

Test instrument and calibration date:

E5071C: 20240410-20250410

CMW500: 20240410-20250410

Engineer's signature:

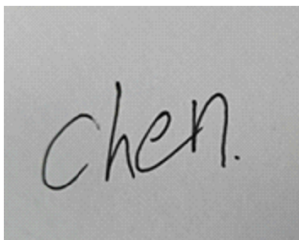


Photo of the antenna test:

2. Gain

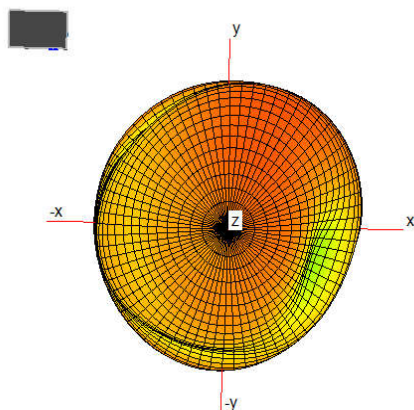
WIFI&BT Gain

Freq (MHz)	Peak Gain(dBi)
2400~2483.5MHz	1.2
5150~5250MHz	0.3
5250~5350MHz	0.3
5470~5725MHz	1.8
5725~5850MHz	2.3
1575MHz	-0.9

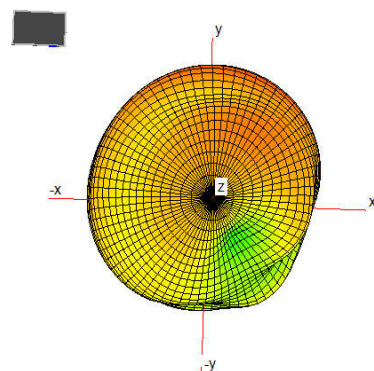
3. 3D Directional Pattern

WIFI&BT

1575MHZ

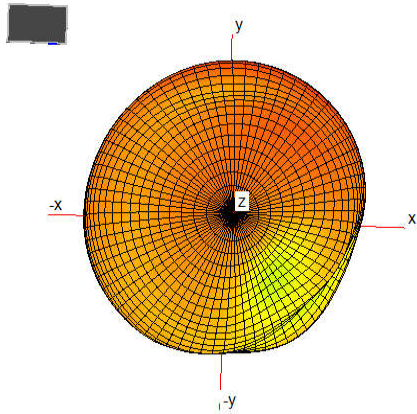


2400MHZ

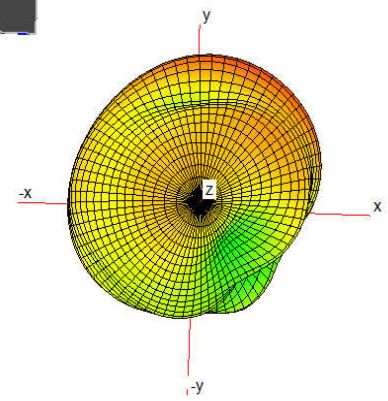


2450MHZ

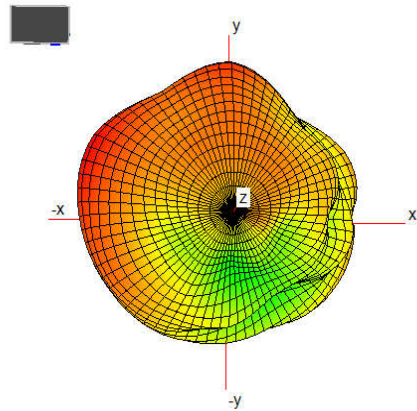
2500MHZ



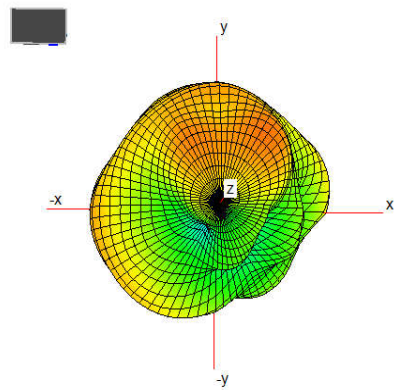
5150MHZ



5350MHZ



5850MHZ



Entry Name	SP6980A-NFC
Frequency Channel	NFC 13.56MHZ
Supplier Name	Shenzhen Etheta Communication Technology Co., LTD.
Manufacturer Address	Area B&D , floor 3,building 1 , Baisha Technology Industrial Park , No.3011, , Shahe West Load , Nanshan District , Shenzhen (518055) , Guangdong Province , China
Dimensions	0.75mm

Type of Antenna: LOOP Antenna (NFC)