

Product specification

Model Name:	L1108	Number :	N/A
Antenna material :	PIFA	Frequency Band :	2400~2500 MHz 5150~5850 MHz
Item number :	N/A	Date :	2025-05-22

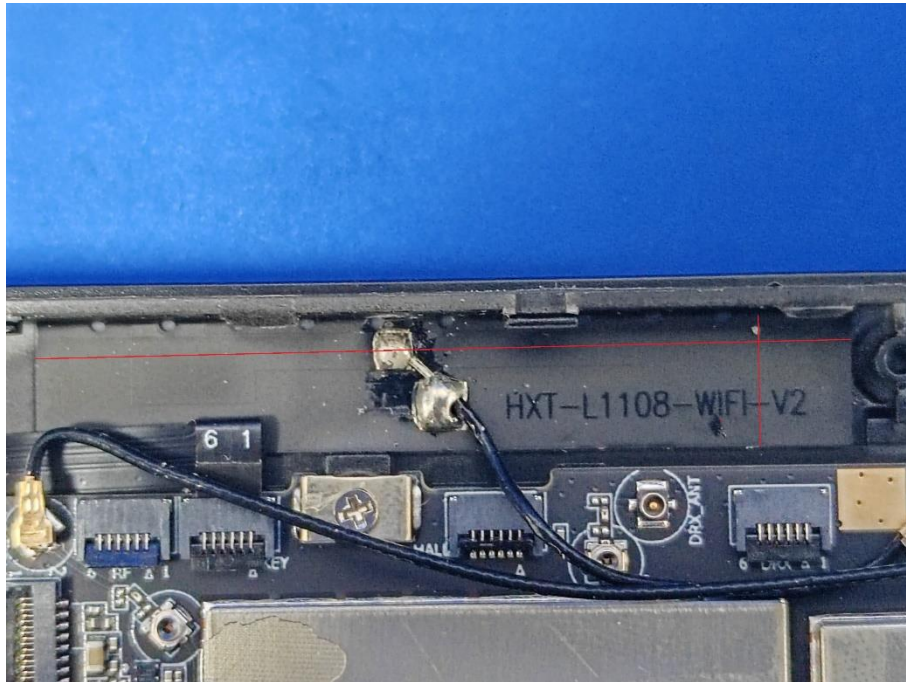
Manufacturer: Shenzhen Pretech Industrial Co., Ltd

Address: 808,8F,Qiancheng Commercial center,5 Haicheng Road,Bao'an District,
Shenzhen, China

1. Graphic reference

Width=10.5mm

Length=43.8mm



2. Electrical performance test

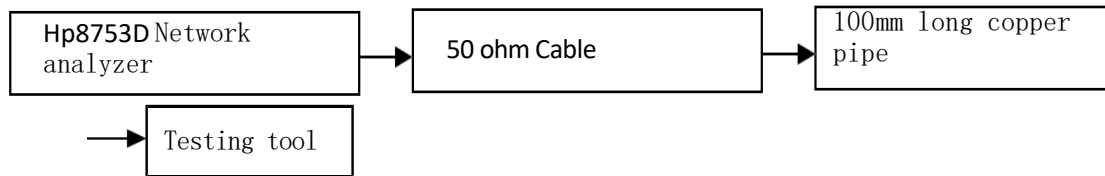
2.1 Specifications

Linse-01 antennas	Frequency (MHz)	VSWR	Frequency (MHz)	VSWR
Frequency band	Transmitting end		Receiving end	
BT/WIFI 2.4G	2400-2500	≤1.33		
WIFI 5G	5150-5850	≤1.74		

3.VSWR Test

3.1 Test setup

VSWR testing device:



Test fixture processing: From the antenna 50 ohm test point on the PCB of the mobile phone with a hard cable to lead out the SMA-J connector, connected with the copper tube with a choke, and then connected to other devices in turn.

4.Test data

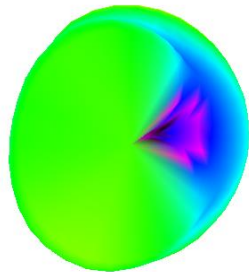
4.1 WIFI+BT

Frequency (MHz)	Gain (dBi)
2400	0.00
2450	-0.18
2500	-0.73
5150	-1.86
5550	0.00
5850	-0.56

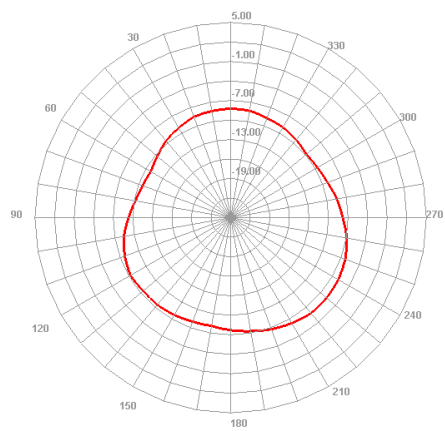
4.2 Directional diagram

Efficient (2400–2500MHz)

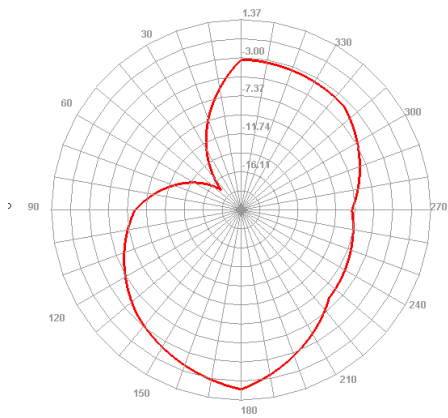
2450.000MHz



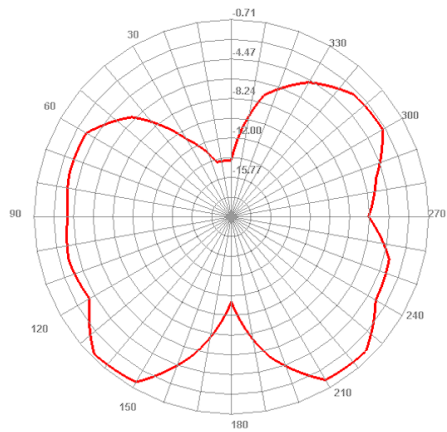
2450.000MHz H



2450.000MHz E1

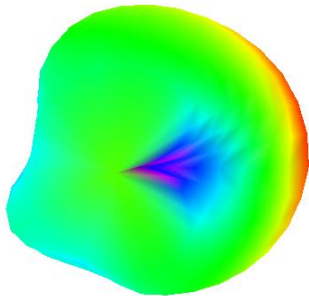


2450.000MHz E2

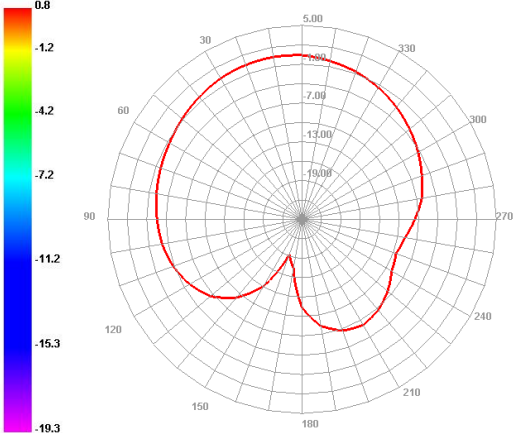


Efficient (5150-5850MHz)

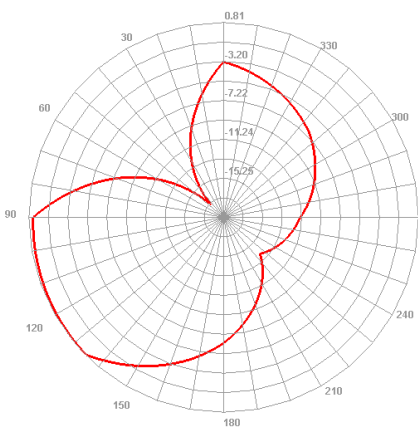
5550.000MHz



5550.000MHz H



5550.000MHz E1



5550.000MHz E2

