

Product specification

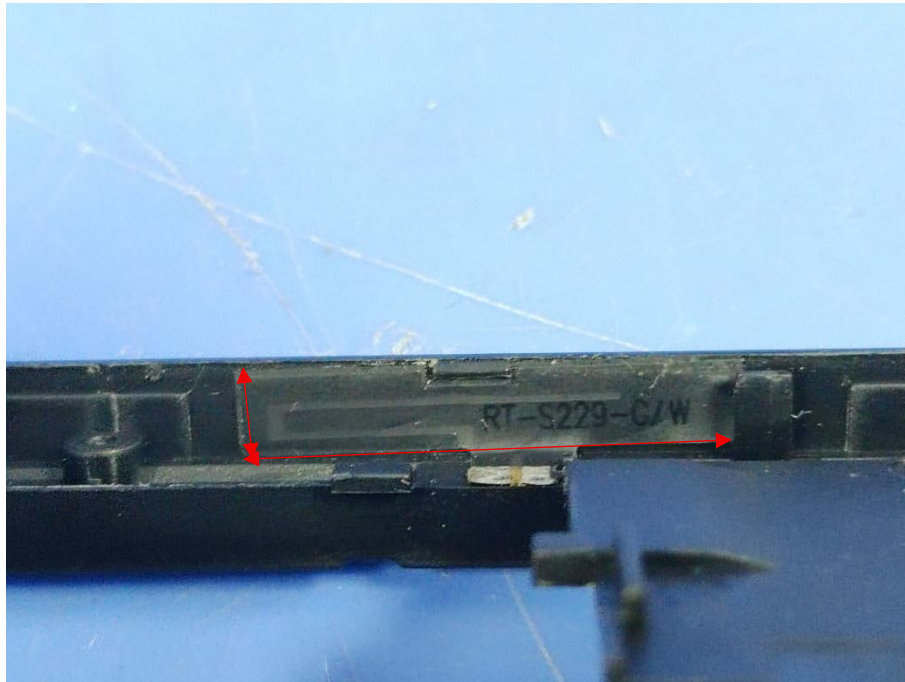
Model Name:	F1	Number :	N/A
Antenna material :	PIFA	Frequency Band :	2400~2500 MHz 5150~5850 MHz
Item number :	N/A	Date :	2025-05-21

Manufacturer: Shenzhen Aizheka electronic technology Co.,LTD
Address: No. 2301-D, Bik Technology Building, No. 9 Ke Xue Road, Ma Ling
Community, Yue Hai, Nanshan District, Shenzhen City

1. Graphic reference

Width=4.2mm

Length=26.14mm



2. Electrical performance test

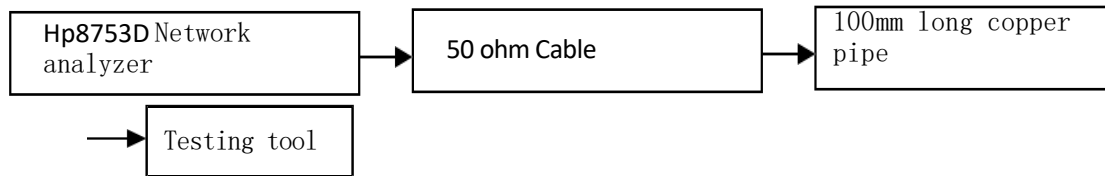
2.1 Specifications

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.

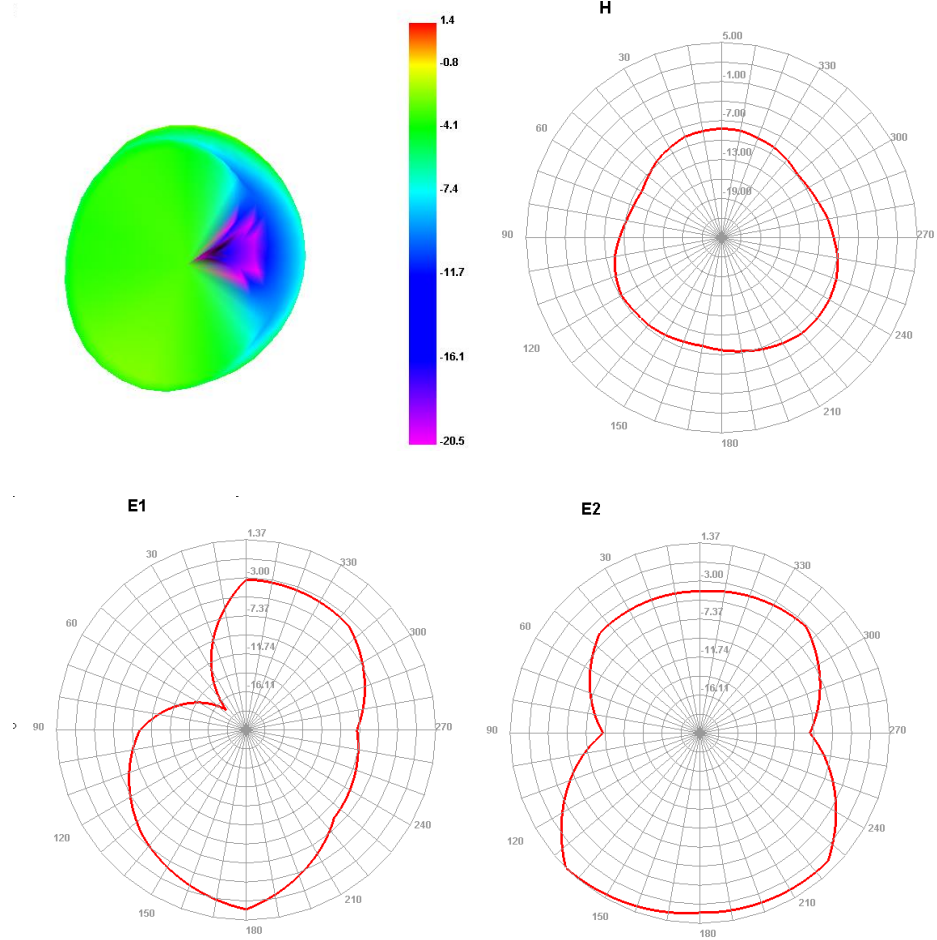
4.Test data

4.1 WIFI+BT

Frequency (MHz)	Gain (dBi)
2400	0.59
2450	1.37
2500	0.16
5150	-1.86
5550	0.00
5850	-0.56

4.2 Directional diagram

Efficient (2400–2500MHz)



Efficient (5150-5850MHz)

