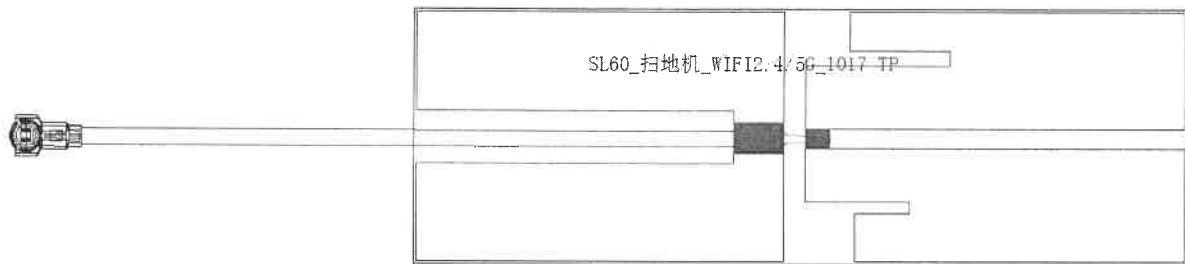


WIFI

1. Explanation of Product number :



Provider: Shenzhen Puda micro high-tech Co., LTD
Building B 607, Shenzhen Qianwan Hard Science and Technology Industrial
Park, Nanchang Community, Xixiang Street, Baoan District, Shenzhen

Product Code:

- (1) Customer: 景创
- (2) Antenna Name: WIFI天线 (WIFI Antenna)
- (3) Connector: Welding

2. Features

- *Stable and reliable in performances
- *Compact size
- *RoHS compliance

3. Applications

- * IEEE802.11 (b/g/n/a)
- * Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11b/g/n/a) applications. Based on Holy bond's proprietary design and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Electrical Specifications

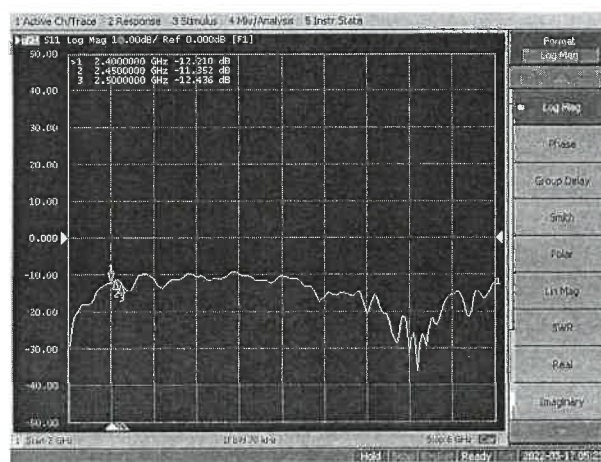
5-1

Characteristics	Specifications	Unit
Outline Dimensions	48.24x15.79x 0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

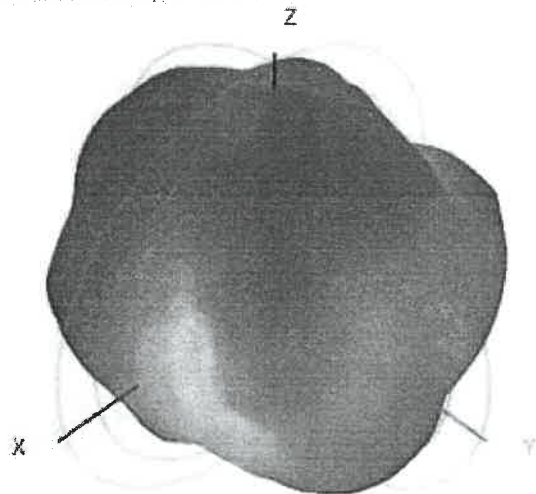
S11



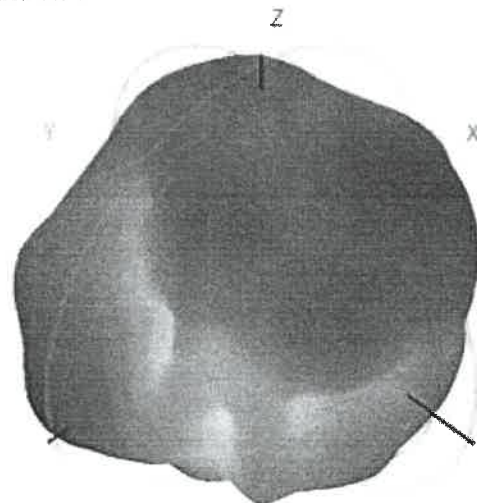
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0	5150.0	5350.0	5500.0	5650.0	5850.0
Efficiency (dBi)	-1.71	-1.64	-1.61	-1.69	-1.78	-1.74	-1.69	-1.62	-1.65	-1.76	-1.77	-3.00	-2.82	-3.18	-3.21	-3.36
Gain (dBi)	4.28	4.27	4.17	4.19	4.22	4.29	4.44	4.50	4.35	4.10	4.00	3.84	4.19	2.72	2.14	2.01
Efficiency (%)	67.46	68.60	69.01	67.73	66.36	67.03	67.73	68.90	68.45	66.68	66.54	50.16	52.26	48.08	47.77	46.10

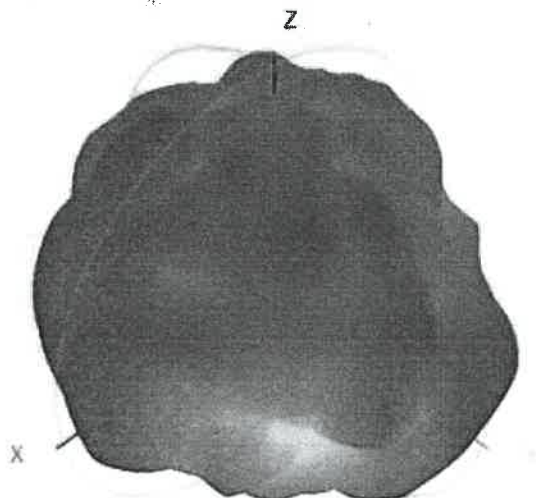
2450.0MHz H+V, Eff: 67.0%



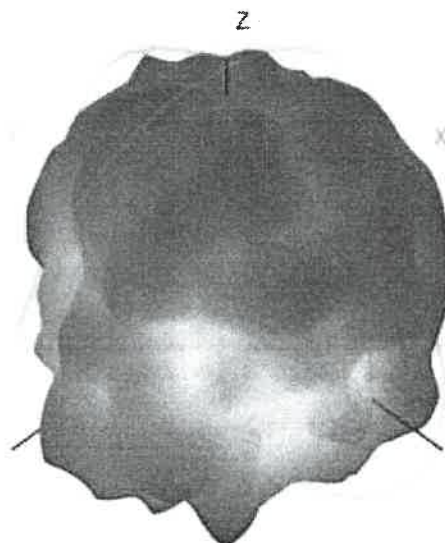
Back View



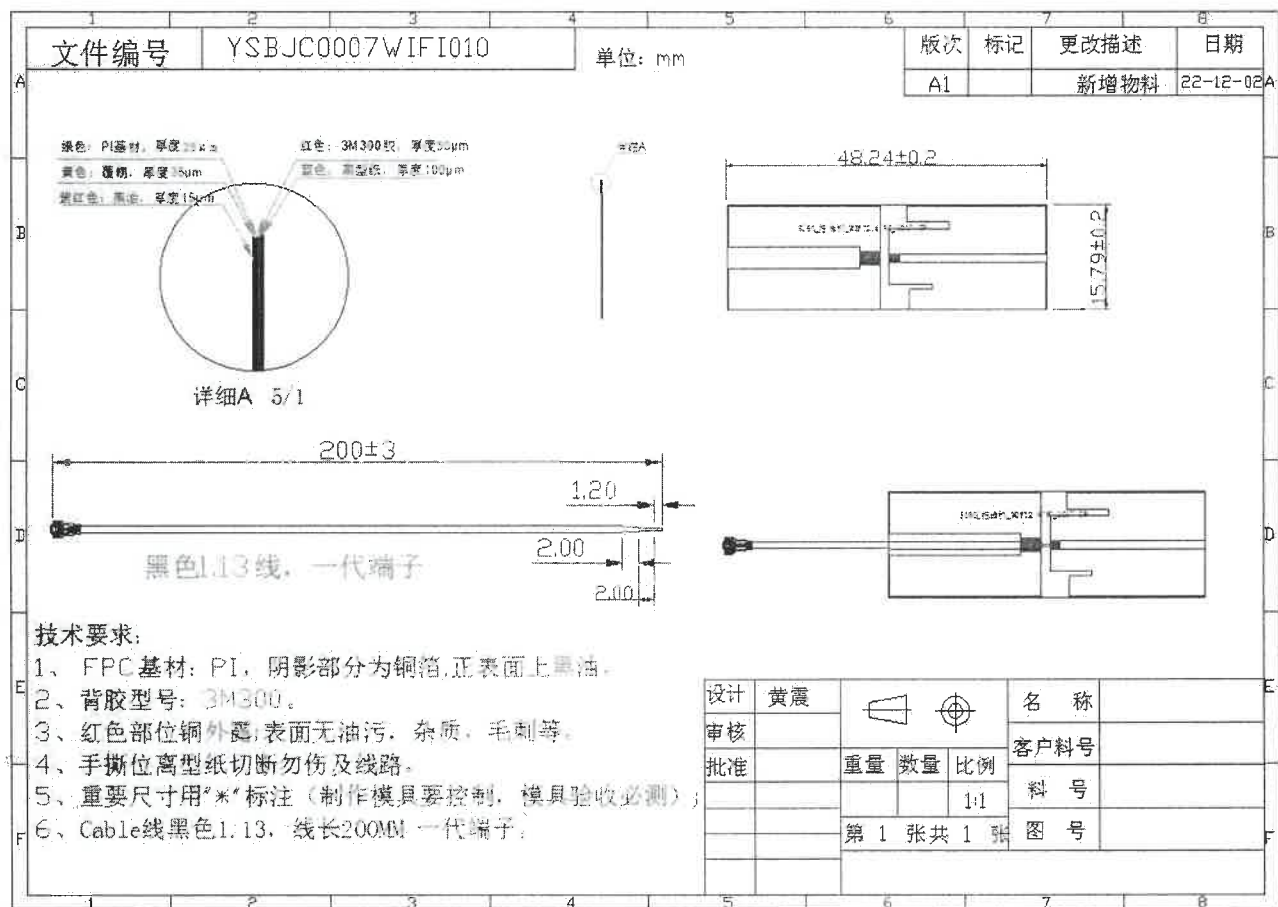
5850.0MHz H+V, Eff: 46.1%



Back View



6. Antenna Dimensions (unit: mm)



绿色: PI基材, 厚度25μm

红色: 3M300胶, 厚度50μm

黄色: 覆铜, 厚度35μm

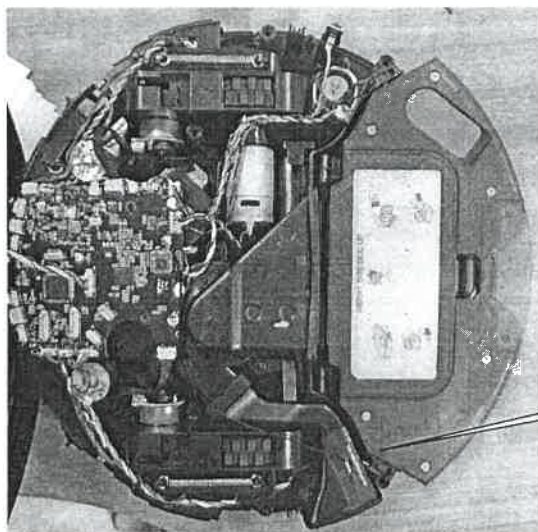
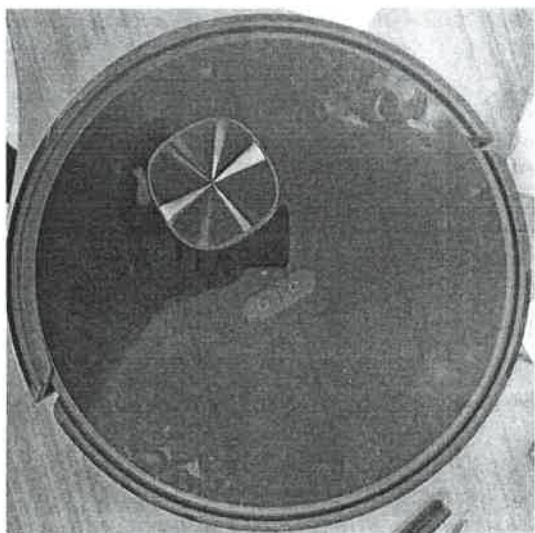
蓝色: 离型纸, 厚度100μm

紫红色: 黑油, 厚度15μm



详细A 5/1

7. Antenna Picture



WIFI 天线

