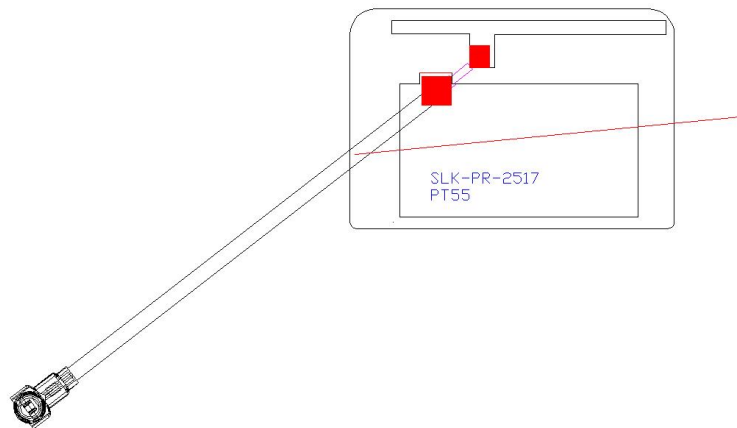


SPECIFICATION FOR APPROVAL

WIFI

1. Explanation of Product number :



Product Code:

- (1) Customer:普锐高科
- (2) Antenna Name:WIFI 天线 (WIFI Antenna)
- (3) Connector:0.81黑色线, 总长155mm, 4代端子

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

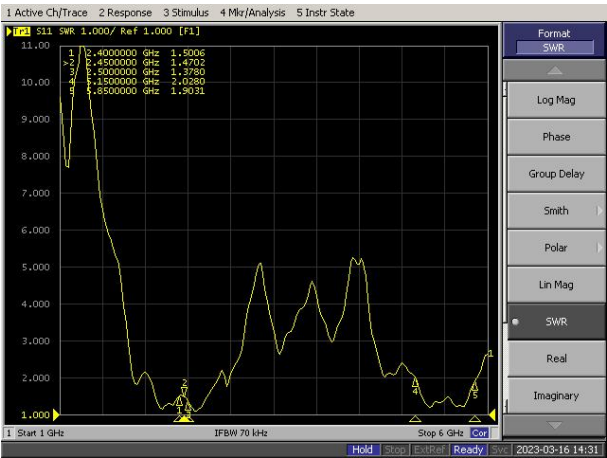
5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.1x17x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5-2.

VSWR

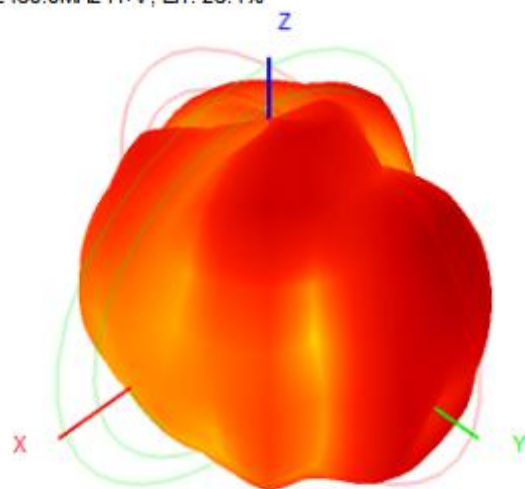
S11



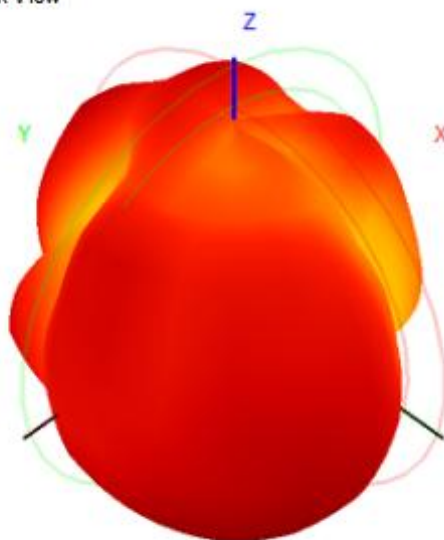
5-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequen	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
Efficienc	-6.11	-5.95	-5.94	-5.65	-5.69	-5.95	-6.18	-6.48	-6.19	-6.04	-6.58	-6.02	-6.18	-6.32	-6.18	-5.54
Gain (dB)	1.19	1.34	1.41	1.67	1.80	1.66	1.91	1.63	1.88	1.82	1.21	1.99	1.63	1.09	1.51	1.49
Efficienc	24.45	25.39	25.44	27.23	26.92	25.39	24.05	22.49	24.01	24.84	21.98	24.97	24.04	23.29	24.09	27.90

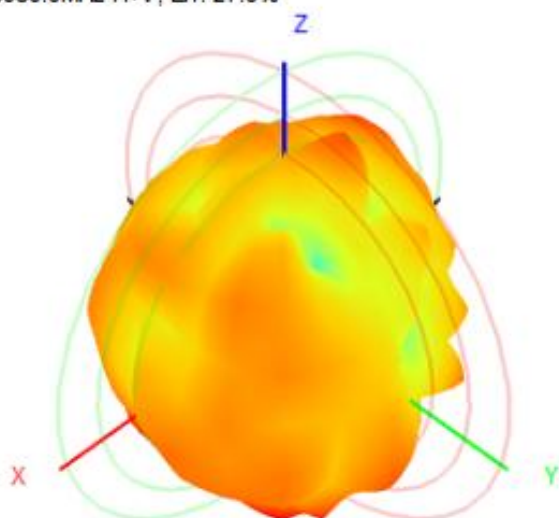
2450.0MHz H+V, Eff: 25.4%



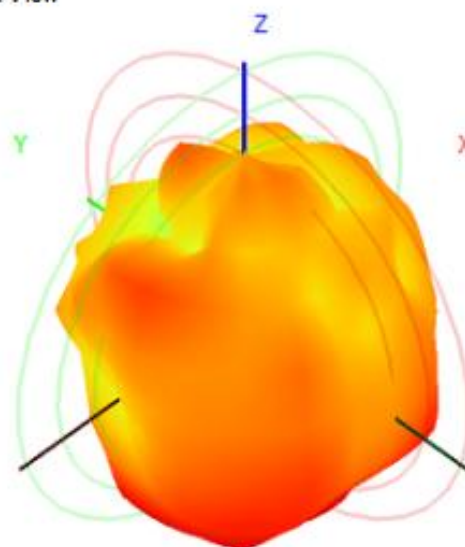
Back View



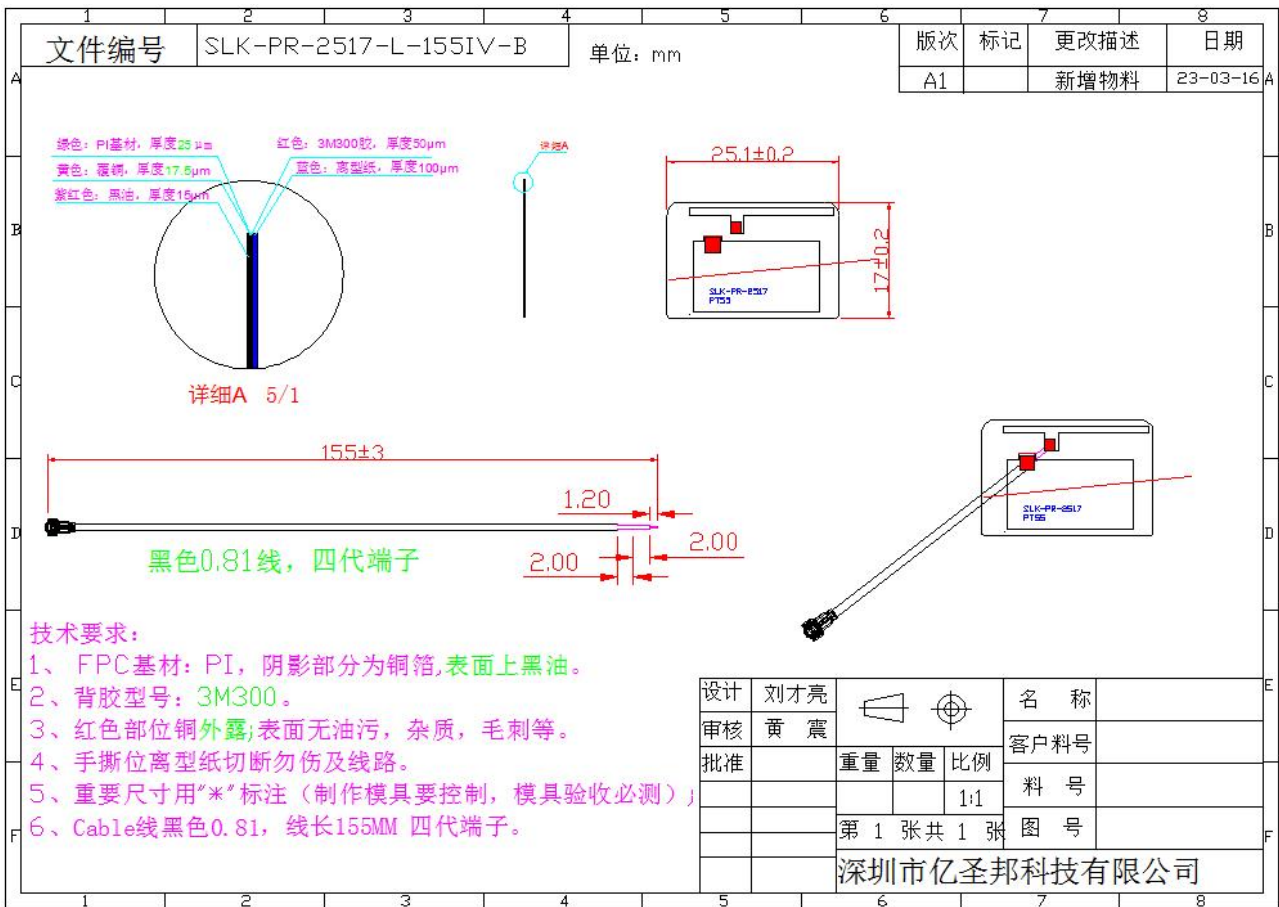
5850.0MHz H+V, Eff: 27.9%



Back View



6. Antenna Dimensions (unit: mm)



绿色: PI基材, 厚度25 μ m

红色: 3M300胶, 厚度50 μ m

黄色: 覆铜, 厚度35 μ m

蓝色: 离型纸, 厚度100 μ m

紫红色: 黑油, 厚度15 μ m

详细A 5/1

7. Antenna Picture

