

Shenzhen Yishengbang Technology Co., Ltd

Antenna specification

Model: SLK-GRB-4110

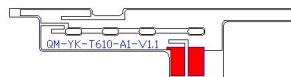
Bluetooth&WIFI Antenna

1.Explanation of Product number :

S L K - G R B - 4 1 1 0

1

2



Product Code:

(1) Customer:GRB

(2) Project:

4110: SLK-GRB-4110(WIFI antenna)

Note : SLK-GRB-P1812-L-185III-B

2. Features

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

3. Applications

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

4. Description

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

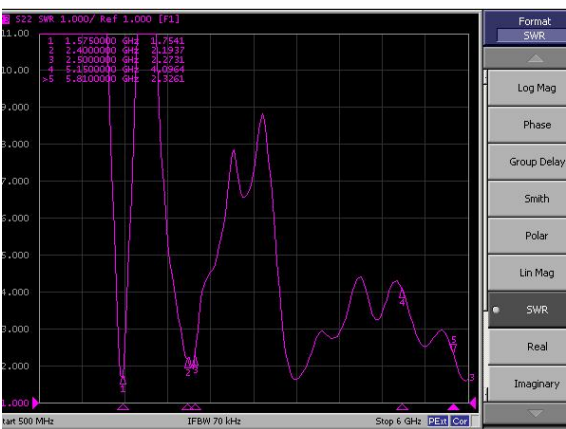
5. Electrical Specifications

5-1

Characteristics	Specifications	Unit
Outline Dimensions	41.18x9.93	mm
Center Frequency	1575 2.4-2.5 5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

5.2

VSWR

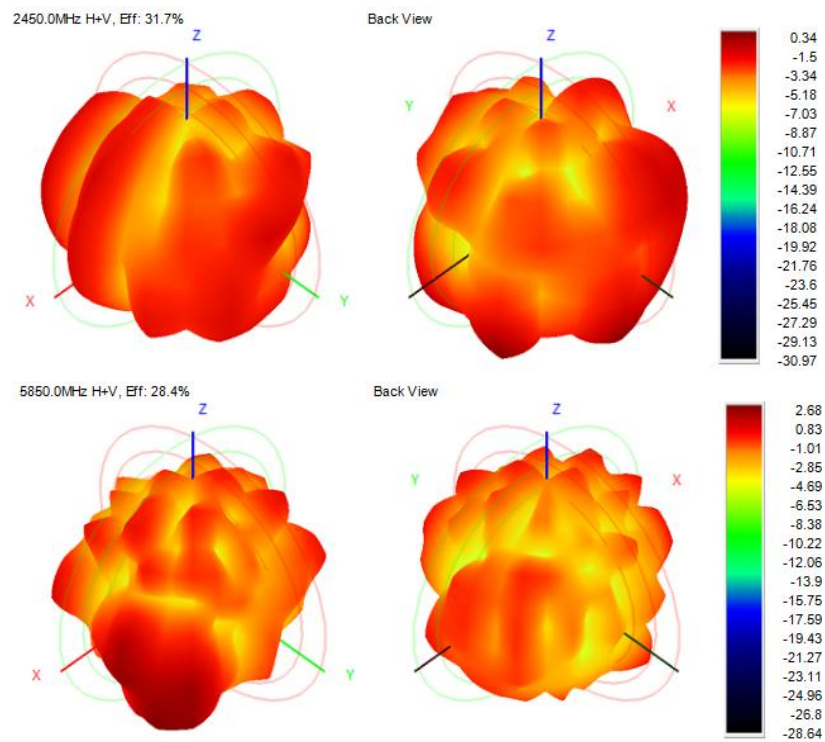


S11

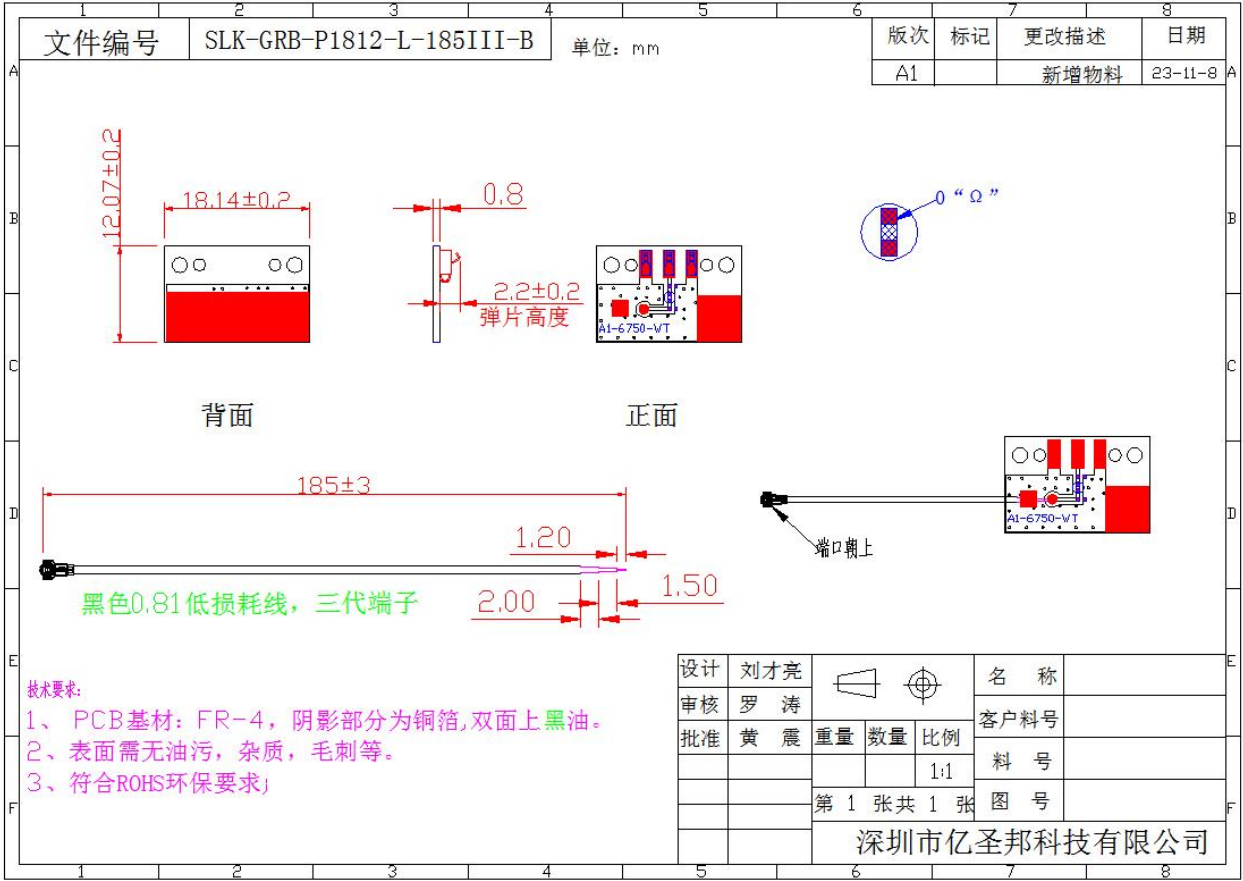
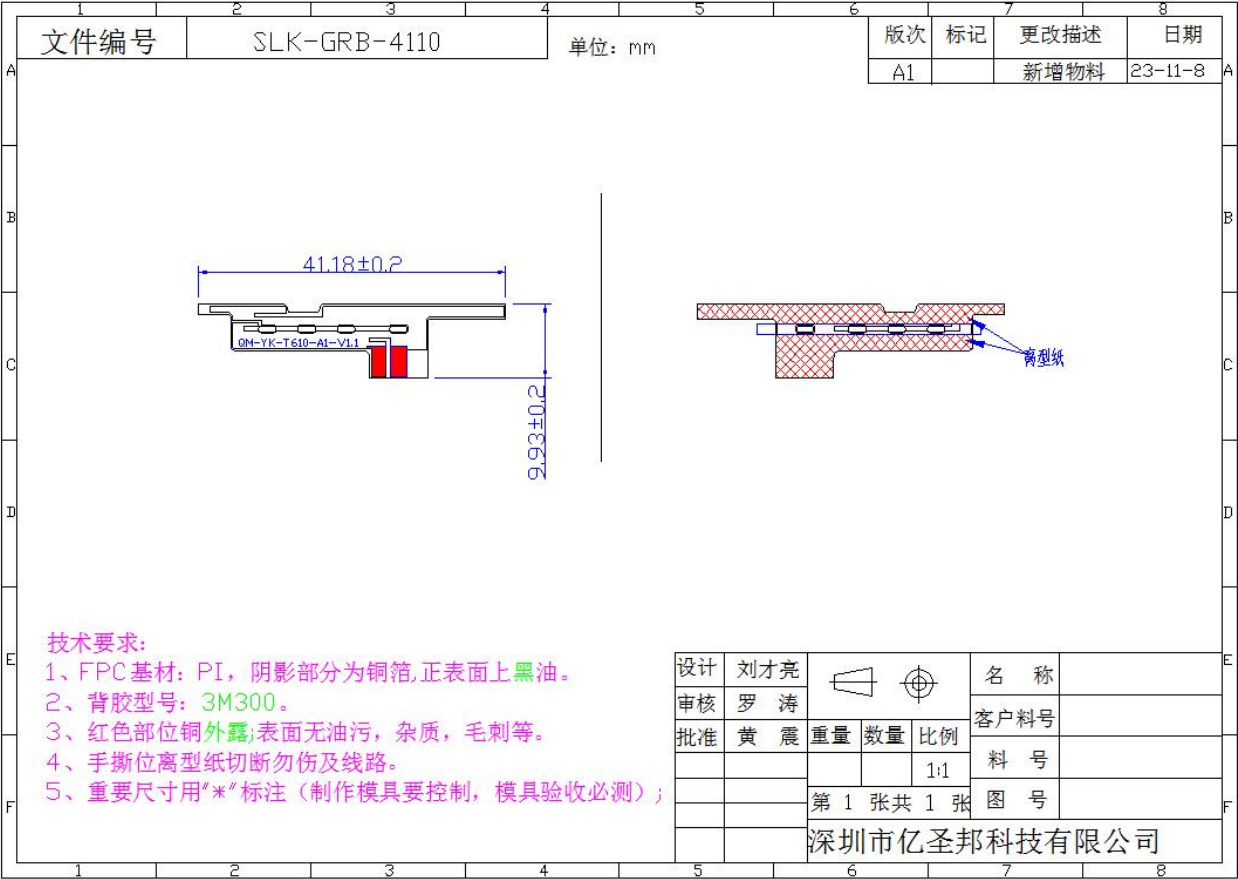


5-3.Blouetooth&WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-5.39	0.79	28.88
2410	-5.14	0.66	30.62
2420	-5.00	0.77	31.64
2430	-4.88	0.70	32.54
2440	-4.84	0.76	32.80
2450	-4.99	0.34	31.69
2460	-5.03	0.50	31.44
2470	-5.39	-0.20	28.88
2480	-5.51	0.05	28.15
2490	-5.35	-0.01	29.17
2500	-5.64	-0.42	27.29
5150	-6.42	-0.94	22.79
5250	-5.62	-0.62	27.39
5550	-5.87	1.97	25.90
5850	-5.46	2.68	28.45



6.Antenna Dimensions (unit: mm)



7. Antenna Picture

