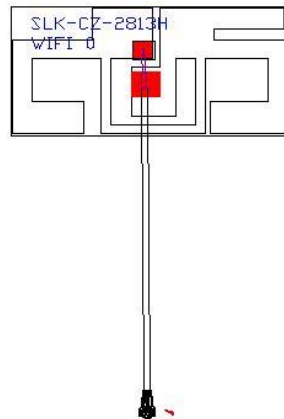




MANUFACTORY: Shenzhen Orange Digital Technology Co., Ltd

WIFI 0

4. Explanation of Product number :



5. Features

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

6. Applications

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

7. 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.

8. Electrical Specifications

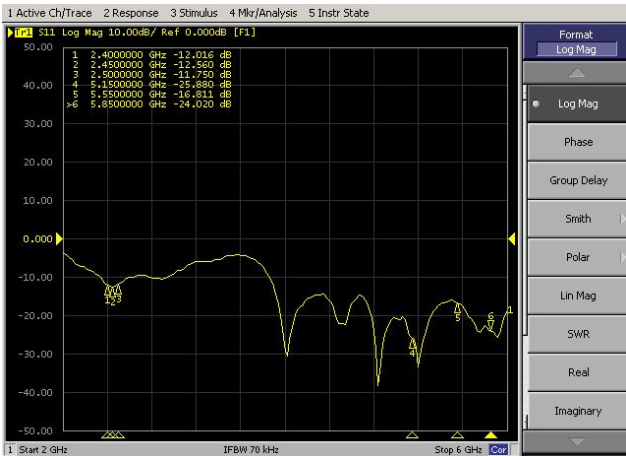
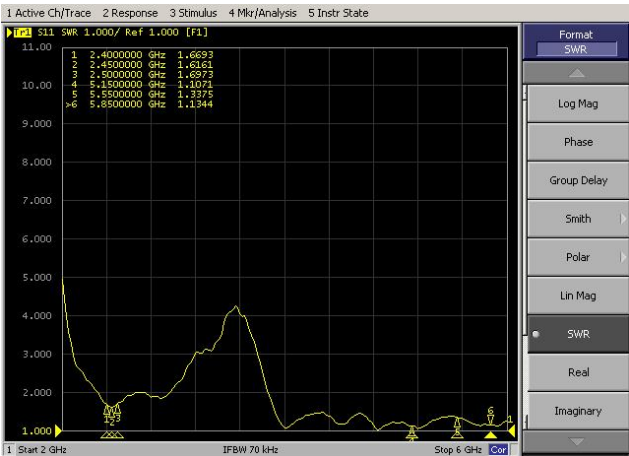
8-1

Characteristics	Specifications	Unit
Outline Dimensions	28.14x13.12x0.12	mm
Center Frequency	2.4-2.5+5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

8-2.

VSWR

S11

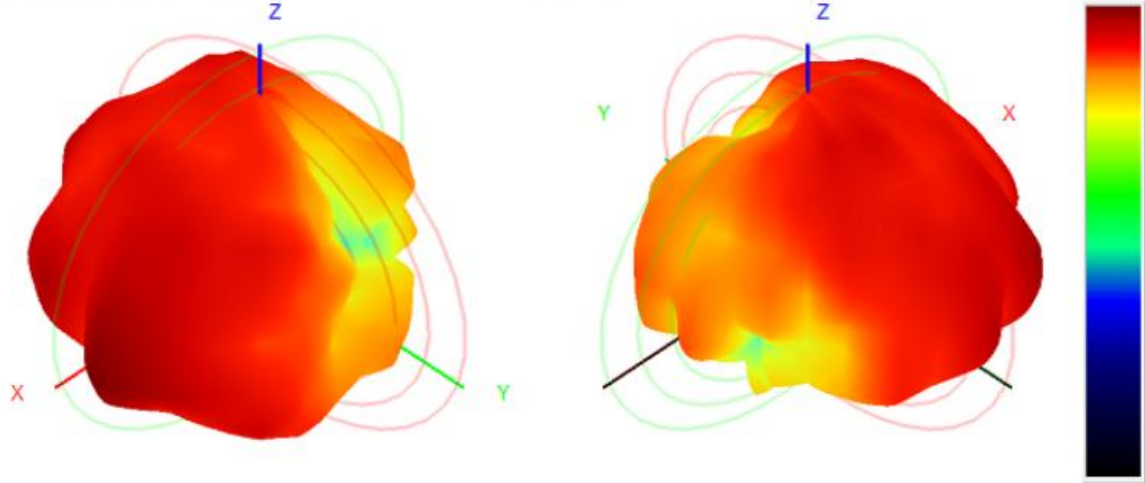


8-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

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)	-2.84	-2.92	-2.83	-2.71	-2.67	-2.59	-2.67	-2.61	-2.55	-2.52	-2.56	-2.82	-2.85	-2.97	-2.68	-2.67
Gain (dBi)	2.06	2.19	2.18	2.25	2.24	2.36	2.38	2.57	2.58	2.37	2.32	2.47	2.44	2.20	2.37	2.31
Efficiency (%)	51.97	51.01	52.09	53.49	54.02	55.02	54.04	54.72	55.53	55.93	55.36	52.19	51.86	50.39	53.84	53.98

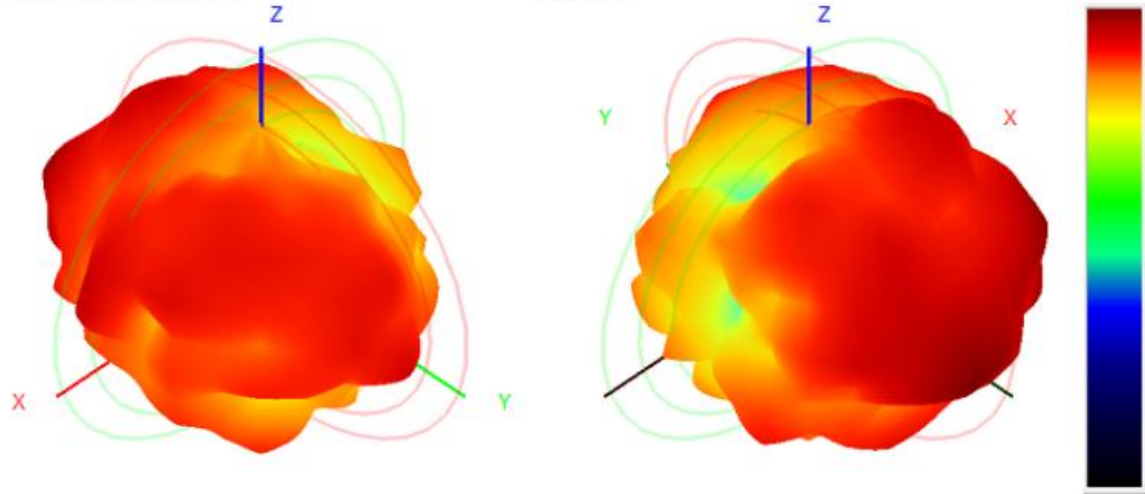
2480.0MHz H+V, Eff. 55.5%

Back View



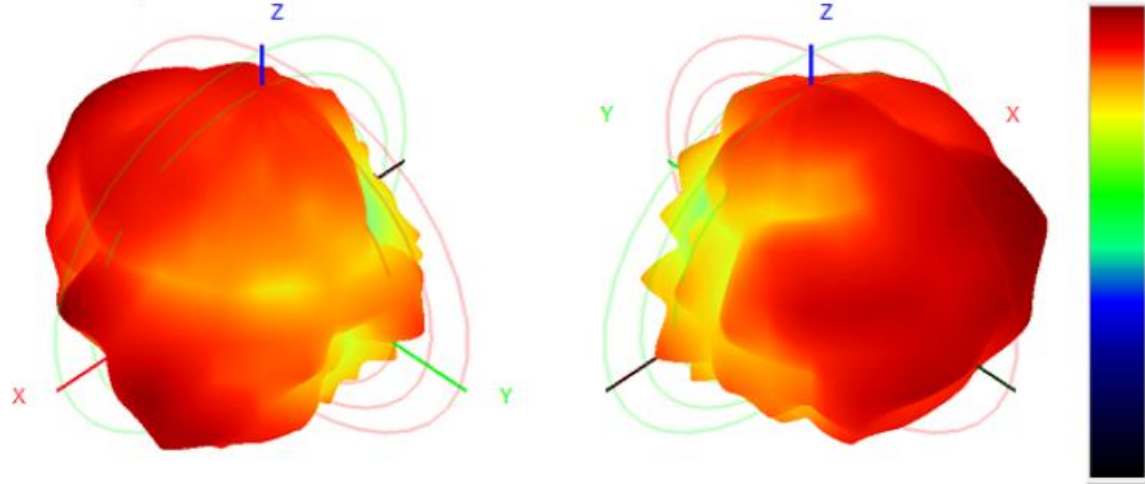
5150.0MHz H+V, Eff. 52.2%

Back View



5850.0MHz H+V, Eff. 54.0%

Back View



10. Antenna Dimensions (unit: mm)

