

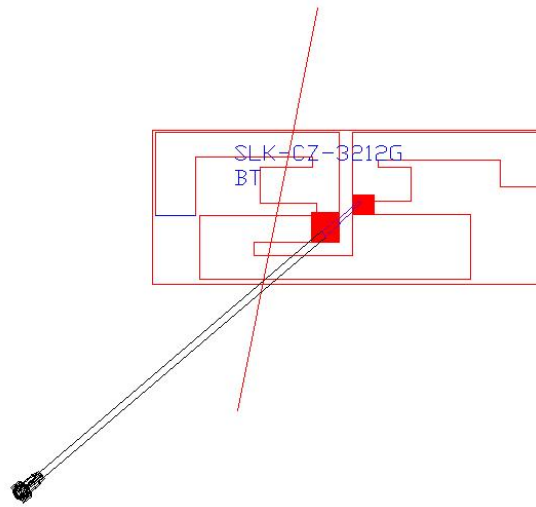


MANUFACTORY: Shenzhen Orange Digital Technology Co., Ltd

DESCRIPTION : BT Antenna

BT

4. Explanation of Product number :



5. Features

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

6. Applications

- * Bluetooth
- * Hand-held devices when Bluetooth functions are needed

7. Description

Holy bond's FPC antenna series are specially designed for Bluetooth 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

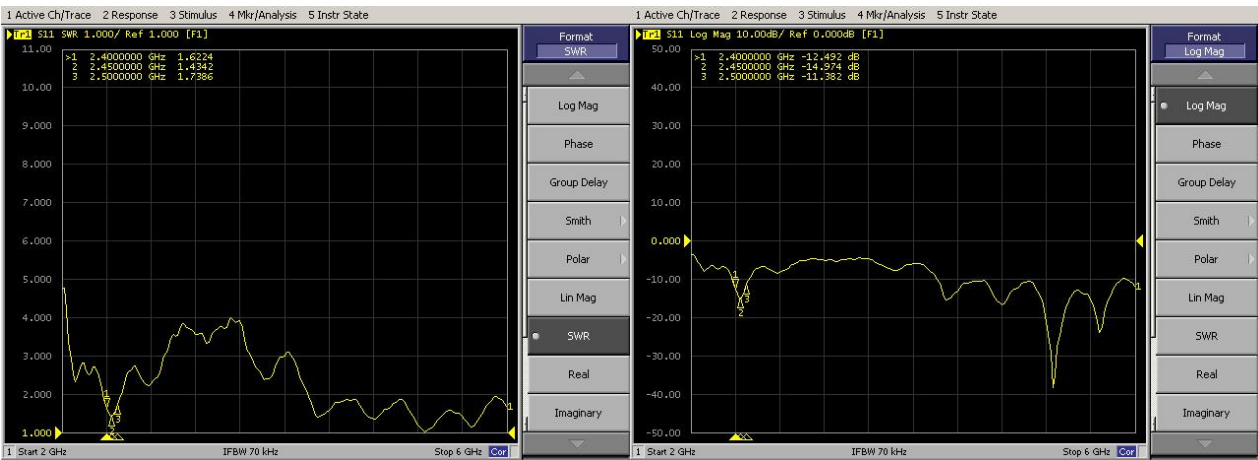
8-1

Characteristics	Specifications	Unit
Outline Dimensions	32.29x12.68x0.12	mm
Center Frequency	2.4-2.5	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	

8-2.

VSWR

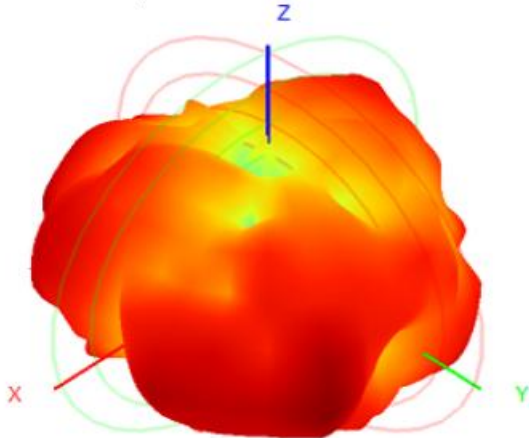
S11



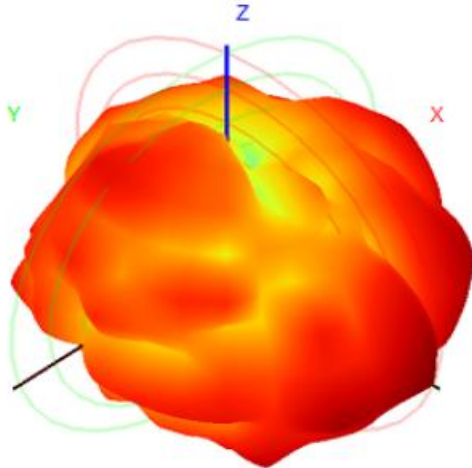
8-3.WIFI +BT Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.67	-2.74	-2.91	-2.85	-2.85	-2.94	-2.84	-2.85	-2.87	-2.68	-2.83
Gain (dBi)	2.83	2.79	2.37	2.28	2.22	2.24	2.35	2.30	2.02	2.30	2.30
Efficiency (%)	53.98	53.12	51.06	51.78	51.86	50.75	51.91	51.79	51.52	53.84	52.11

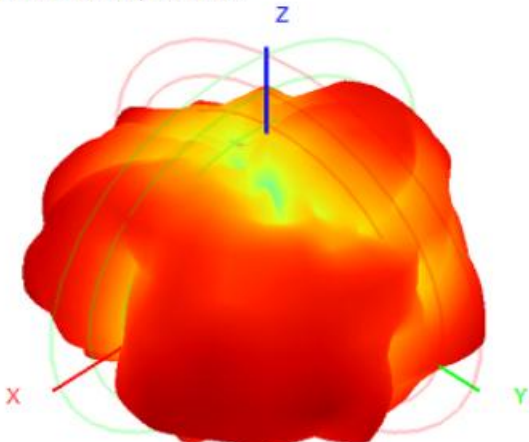
2400.0MHz H+V, Eff 54.0%



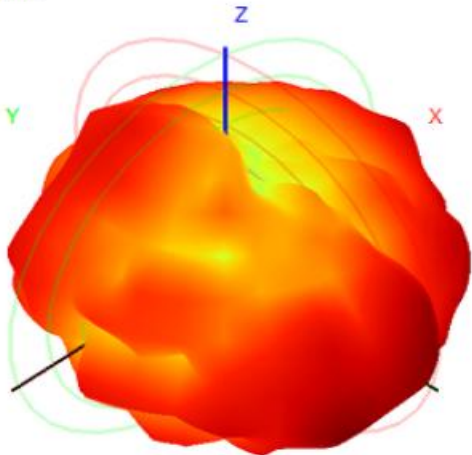
Back View



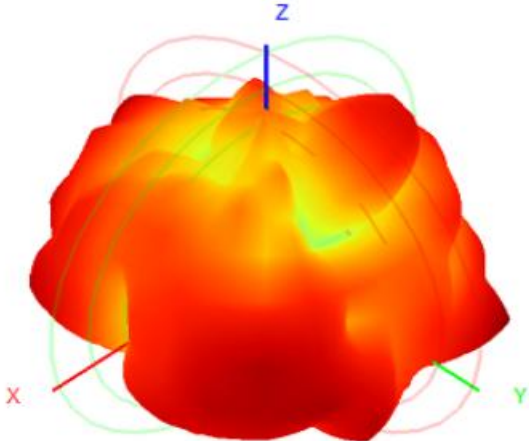
2450.0MHz H+V, Eff 50.8%



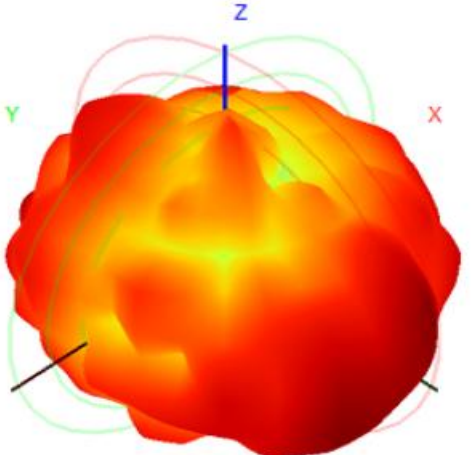
Back View



2500.0MHz H+V, Eff 52.1%



Back View



10. Antenna Dimensions (unit: mm)

