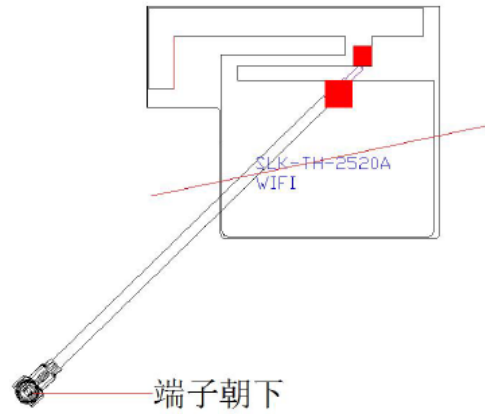


1. Explanation of Product number :

S L K - T H - 2 5 2 0 A - L - 8 0 I - B

1 2 3 4 5



4. Description

Holy bond's FPC antenna series are specially designed for WIFI (802.11 a/b/g/n) 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

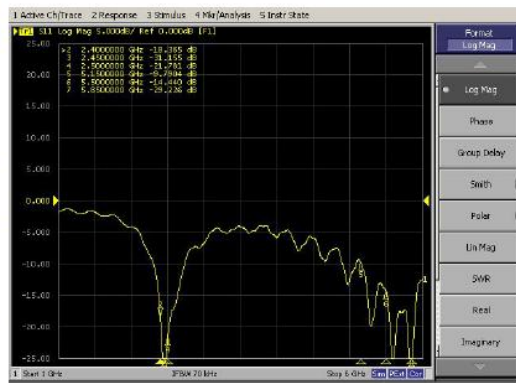
5-1

Characteristics	Specifications	Unit
Outline Dimensions	25.43x 20.09x 0.12	mm
Center Frequency	2.4-2.5-5.15-5.85	GHz
Bandwidth(under-10dB return loss)	130min	MHz
VSWR	3max	
Impedance	50	Ω
Polarization	Linear Polarization	

VSWR



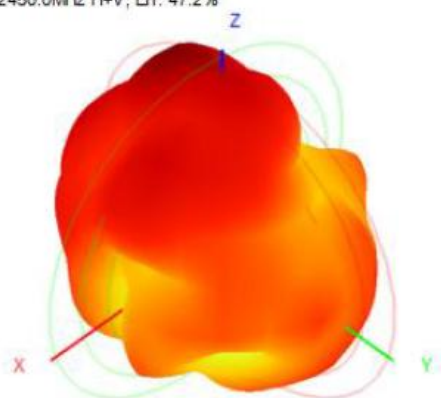
S11



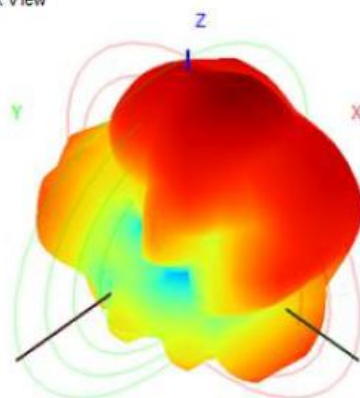
5-3.WIFI Antenna Gain/Efficiency/Radiation Pattern of 3D

Frequency (MHz)	Efficiency (dBi)	Gain (dBi)	Efficiency (%)
2400	-3.09	2.42	49.15
2410	-3.14	2.35	48.49
2420	-2.86	2.75	51.76
2430	-3.04	2.66	49.67
2440	-3.03	2.03	49.83
2450	-3.26	2.07	47.22
2460	-3.33	2.05	46.50
2470	-3.55	2.00	44.18
2480	-3.52	1.96	44.41
2490	-3.47	2.87	44.99
2500	-3.61	2.69	43.57
5150	-3.96	2.64	40.22
5350	-3.88	1.54	40.90
5550	-3.83	2.88	41.40
5750	-3.32	2.34	46.59
5850	-3.29	2.19	46.83

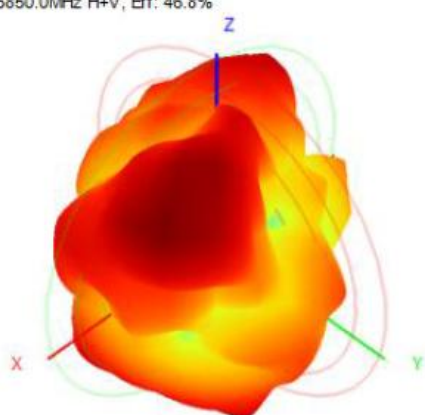
2450.0MHz H+V, Eff: 47.2%



Back View



5850.0MHz H+V, Eff: 46.8%



Back View

