



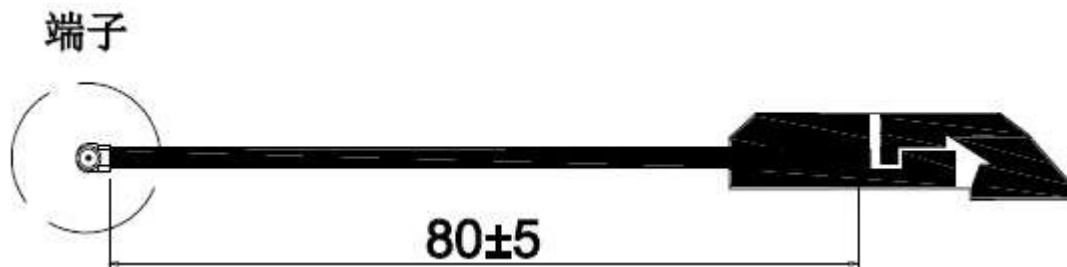
HUEIZHOU DONZHI ELECTRONICS CO.,LTD

FOR APPROVAL

Part NO.:

Part Name: FPC built-in antenna

Pat Models:



Address: No. 17 Aipo Tianyuan Road, Hengli Town, Huicheng District, Huizhou City, Guangdong Province

Tel.: 0752-3886801 13823769366

E-mail: hzdonzhi@163.com



HUEIZHOU DONZHI ELECTRONICS CO.,LTD

1. Product Parameters Product Name: 2.4G FPC built-in antenna

Mechanical Performance Indicators			
Size:	36*9.1mm	Wire length:	80mm
Material:	FPC	Color:	black
Terminal:	IPEX Gen-I	Operating temperature:	-40°C±85°C

Electrical Performance Indicators			
Frequency range:	2400~2500MHZ	Polarization type:	Vertical
Impedance:	50Ω	Radiation direction:	Omni-directional
Standing wave ratio:	≤1.6	Operating voltage:	5V
Gain:	2DBI	Bandwidth:	100MHZ

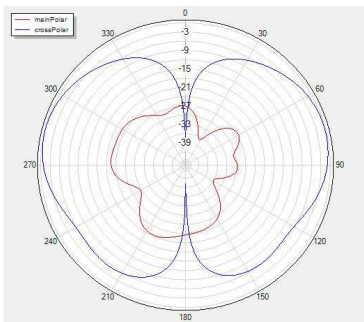
2. Product Picture



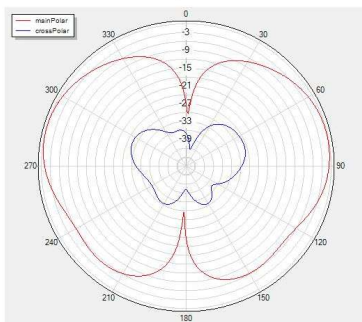
WiFi Antenna Passive Test Data

Frequency(MHz)	Efficiency(%)		Frequency(MHz)	Gain(dBi)
2400	10.08		2400	1.17
2410	10.53		2410	1.2
2420	11.4		2420	1.45
2430	12.53		2430	1.65
2440	13.39		2440	2.2
2450	14.05		2450	1.71
2460	14.52		2460	1.47
2470	14.98		2470	0.5
2480	16.62		2480	-0.67
2490	19.09		2490	-1.25
2500	20.77		2500	-2.05

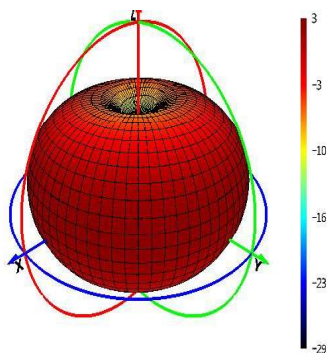
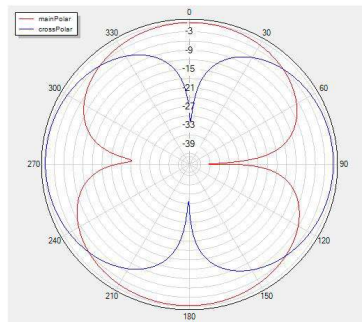
Phi=90 freq=2400MHz



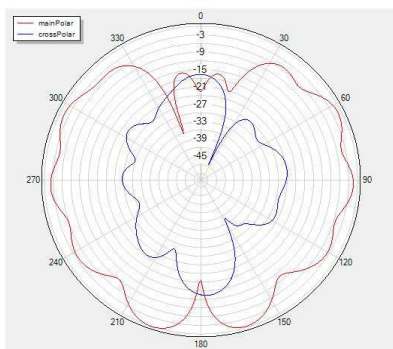
Phi=0 freq=2400MHz



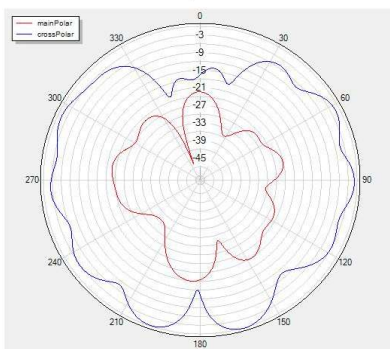
Theta=90 freq=2400MHz



Phi=90 freq=5300MHz



Phi=0 freq=5300MHz



Theta=90 freq=5300MHz

