



HUEIZHOU DONZHI ELECTRONICS CO.,LTD

FOR APPROVAL

Customer: Dongguan Zhiyun IOT Co., Ltd.

Part NO.:

Part Name: FPC built-in antenna

Pat Models:

Manufacturer Confirmation Column			
Confirmation seal	Prepared by	Reviewed by	Approved by
	LIU Haohua	LUO Gujian	LU Yongxing

Customer Recognition Column			
Recognition seal	Tested by	Reviewed by	Approved by

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

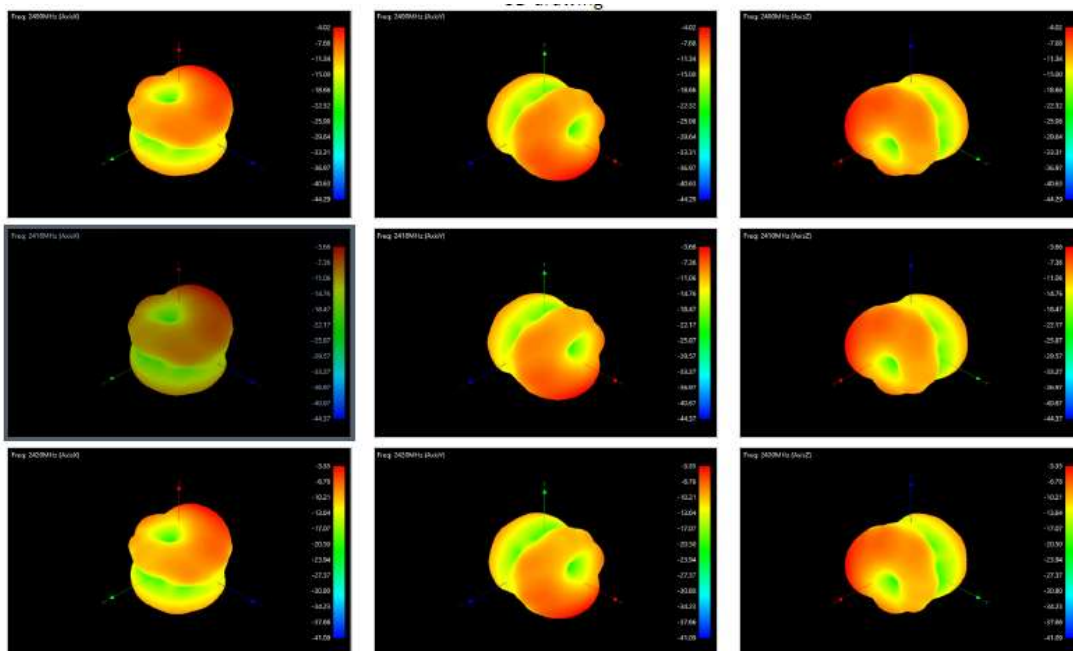
Tel.: 0752-3886801 13823769366

E-mail: hzdonzhi@163.com

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

3D drawing





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:	2.2dBi	Bandwidth:	100MHZ

2. Product Picture

