

Antenna Coding: ANT-FFNCNC24003

Antenna Type: FPC Antenna

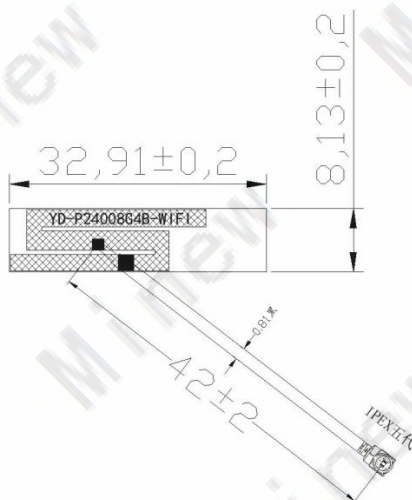
Model of the DUT: MG8

Antenna Manufacturer: Shenzhen Minew Technologies Co., Ltd.

1、Technical Specification

Electrical Specifications	
Frequency Range (MHz)	2400-2500
Input Impedance (Ω)	50
Return Loss (dB)	<-10
VSWR	<2
Peak Gain (dBi)	1.41
Polarization Type	Linear polarization
Mechanical Specifications	
Antenna Size (mm)	32.9*8.1
Radiator	Cuprum

2、The shape and size of the antenna



3、 The result of the test

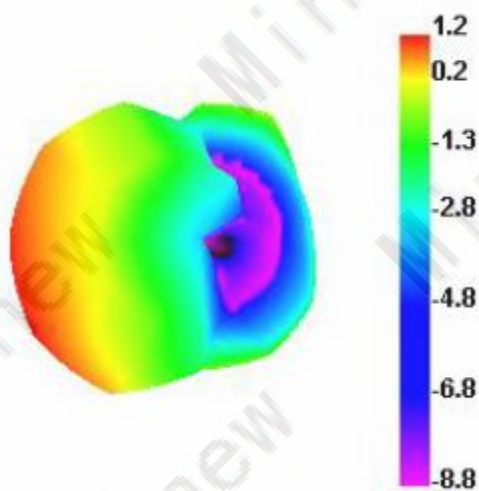
3.1 Test Environment



3.2 Gain and Efficiency

Passive Test For WIFI2.4		
Freq (MHz)	Effi (%)	Gain (dBi)
2400	41.66	1.22
2410	41.58	1.11
2420	41.22	0.93
2430	41.45	0.87
2440	43.62	1.09
2450	45.68	1.27
2460	47.52	1.4
2470	47.15	1.3
2480	49.22	1.41
2490	49.95	1.36
2500	46.22	0.99

3.3 3D Polar Plot

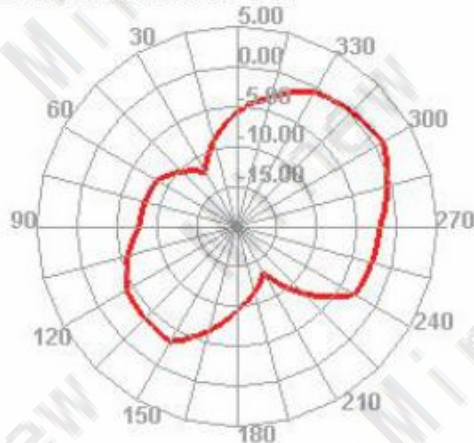


2400MHz

3.4 2D Radiation Pattern

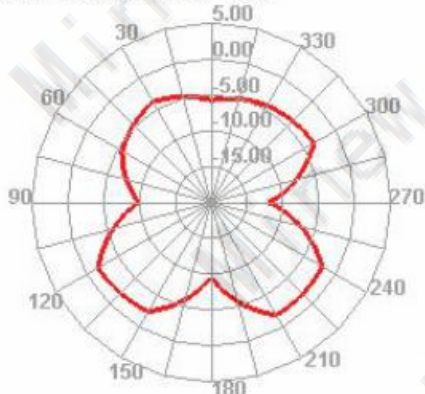
(1) E1, XZ Plane, $\phi=0$

2400.000MHz E1



(2) E2, YZ Plane, $\phi=90^\circ$

2400.000MHz E2



(3) H, XY plane, $\theta=90^\circ$

2400.000MHz H

