
天线规格书

Antenna Specification

Model Name: PCB onboard Antenna

model number: S2.4G

Manufacture: Zhenghong Electronics

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一、天线简介/Introduction of antenna

这款天线直接采用做在主板 PCB 板上的方式，天线为铜泊加喷锡工艺，铜箔厚度:10Z，板材为 FR-4 厚度 1.6mm 材料。

This antenna is directly fabricated onto the PCB board, The antenna is copper potable tin injection process, copper foil thickness: 10Zsheet material is FR -4 thickness 1.6mm material

二、天线外形/ Antenna shape



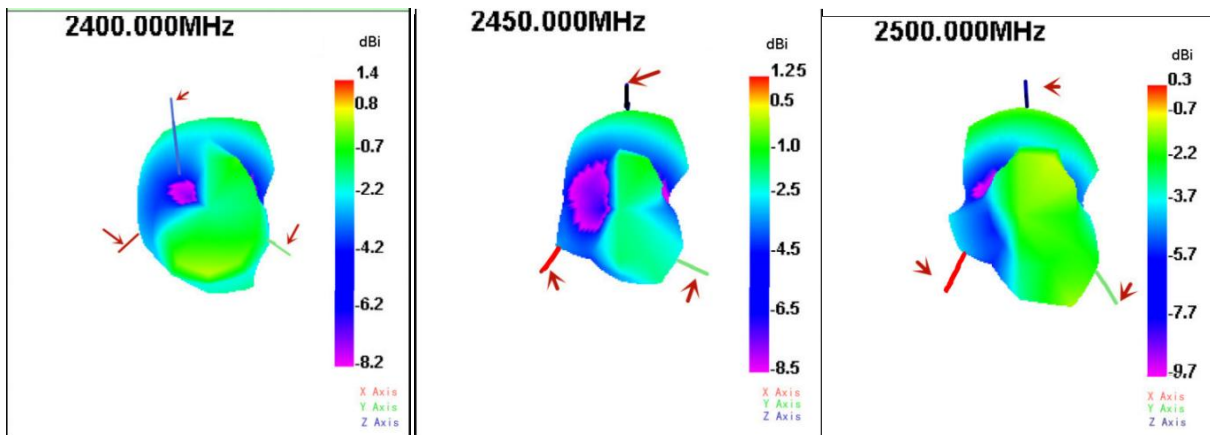
三、性能参数/Performance parameter

Frequency Range(GHz)	带宽 2.4G-2.5GHz
Peak Gain	1.4dBi
Average Gain across the band	1.14dBi
Gain Range across the band	0.3dBi~1.4dBi
Peak Efficiency	58.9%
Average Efficiency across the band	55.9%
Efficiency Range across the band	53.0%~58.9%
Impedance	50 ohms

最大增益值/Maximum gain value

Frequency VNA (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Max Gain(dBi)	1.4	1.35	1.28	1.3	1.21	1.25	1.16	1.18	1.15	1.0	0.3

方向图/ Directional map:



VSWR parameters:

