

WiFi Antenna Specification

1. General Information

Item	Content
Model	QS5-WIFI
Antenna Type	Surface-mounted ceramic antenna
Date	2025/08/21

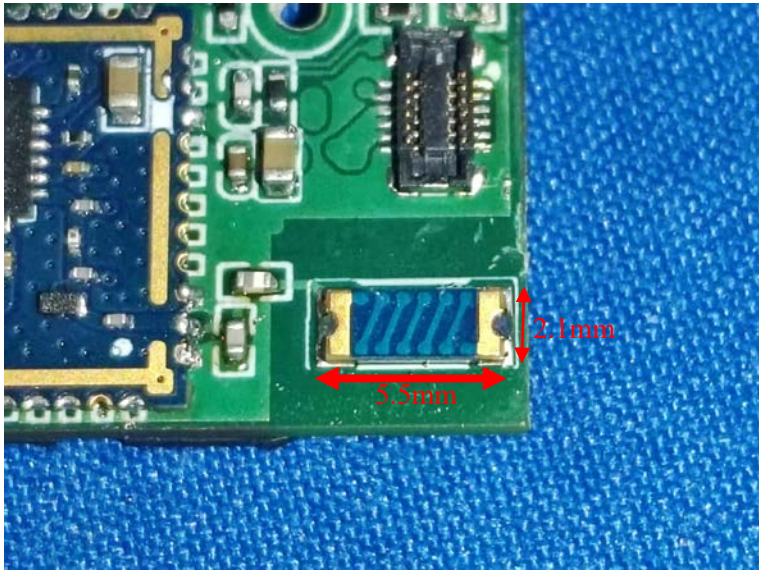
2. Manufacturer Information

Item	Content
Manufacturer	Shenzhen Qiangshang Electronic Technology Co., Ltd
Address	310, Building 3, Baohengyuan Factory, Shenjing IndustrialZone, Huaqing Avenue, Qinghua Community, Longhua Street,Longhua District, Shenzhen City, China

3. Electrical Specifications

Parameter	Specification	Unit
Frequency Range	2400 - 2500	MHz
Band	2.4G WiFi (802.11b/g/n)	
Impedance	50	Ohms
Max Gain	1.11	dBi

1. Antenna



Antenna dimensions	Size	Unit
Length	5.5	mm
Width	2.1	mm
Height	1.0	mm

2. Antenna Gain Frequency List (2.4G WiFi)

Low Band / Mid Band / High Band Gain Table

Frequency (MHz)	Gain (dBi)	Band Position
2400	-1.03	Low
2410	-0.79	Low
2420	-0.58	Low
2430	-0.23	Low
2440	-0.06	Mid
2450	0.66	Mid (Center)
2460	1.01	Mid
2470	1.05	High
2480	1.11	High
2490	0.71	High
2450	0.72	High

3. 3D Antenna Pattern (Apple Diagram)

Band	Reference Page
2.4G WiFi Low Band (2400-2440 MHz)	See pic 2400
2.4G WiFi Mid Band (2440-2460 MHz)	See pic 2450
2.4G WiFi High Band (2460-2500 MHz)	See pic 2500

