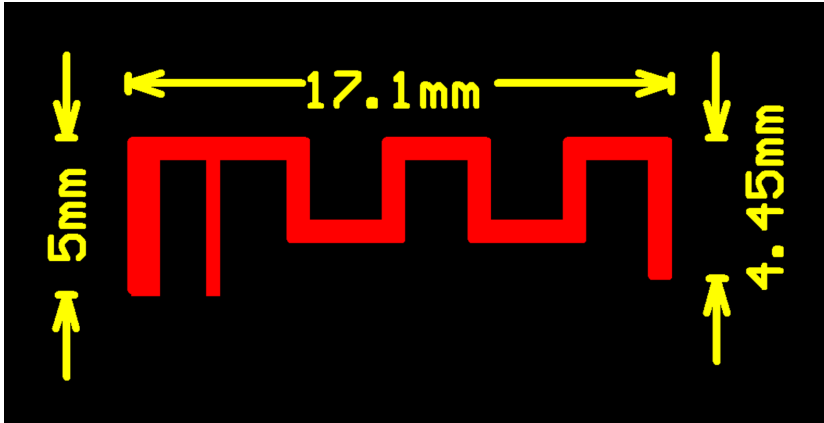


Antenna Specification

Applications

- ※Bluetooth Home RF
- ※ISM band 2.4GHz applications

1. Dimensions



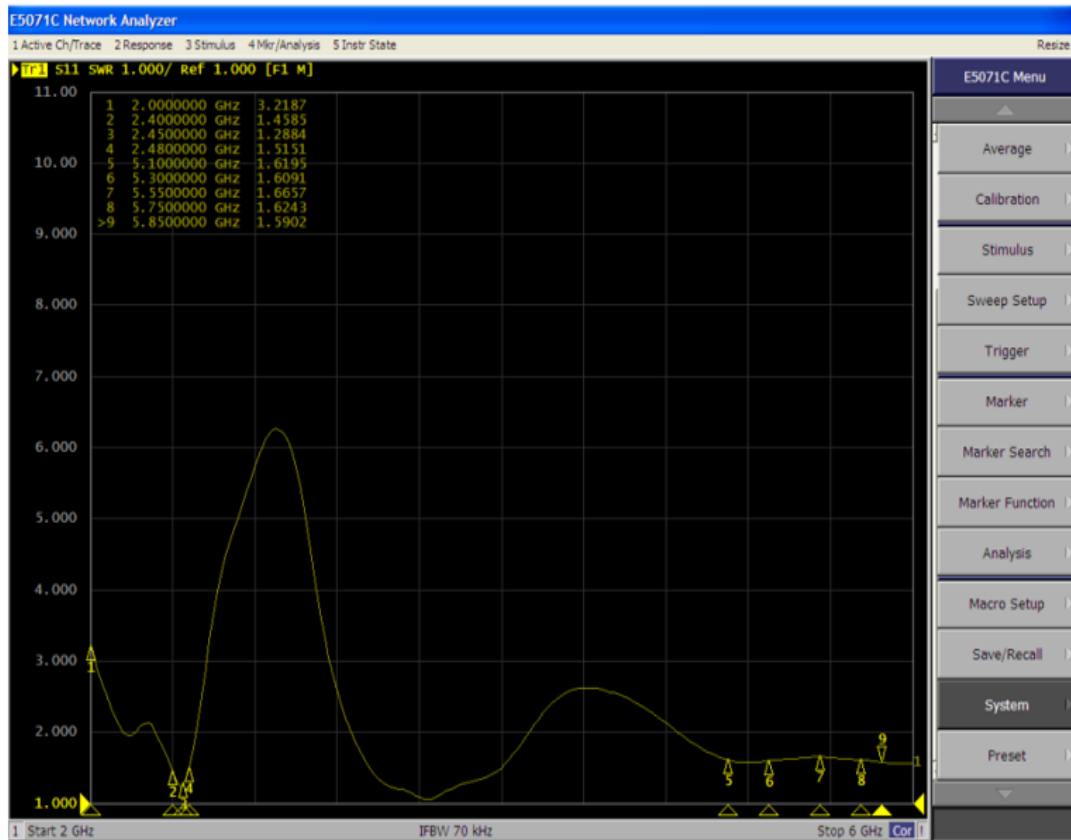
2. Specifications

number	Item	Specifications
1	Working Central Frequency	2441 MHz
2	Band Width	(2402-2480)MHz
3	Gain	3.47dBi
4	VSWR	≤2.0
5	Antenna type	PCB antenna
6	Azimuth Beam width	Omni - directional
7	Impedance	50Ω
8	Modulation mode	GFSK

Antenna type：PCB antenna

3. Instrument testing, software simulation parameters

① VSWR



Passive efficiency & gain

Frequency	Efficiency (%)	Gain. (dBi)
2400MHz	64.57	3.02
2410MHz	64.71	3.05
2420MHz	65.01	2.84
2430MHz	63.97	2.8
2440MHz	64.86	2.8
2450MHz	65.31	3.06
2460MHz	66.22	3.27
2470MHz	65.77	3.35
2480MHz	65.77	3.47
2490MHz	65.77	3.34
2500MHz	64.86	3.2

Passive 3D & 2D field diagram

