

2.4GHz Antenna Specification

(Model: PIFA)

Dongguan Haorui Electronic Co.,Ltd.

Address : Maobuao Industrial Zone,Zhuweitian Village,Fenggang Town,Dongguan,Guangdong,China
TEL: 0769-82629585/6 FAX: 0769-82629595

1) Applications

This antenna is designed for 2.4G remote control.

2) Electrical Characteristics

-Frequency Band: 2400MHz ~ 2482MHz

-Polarization: Horizontal

-Beam Pattern : Omni-directional

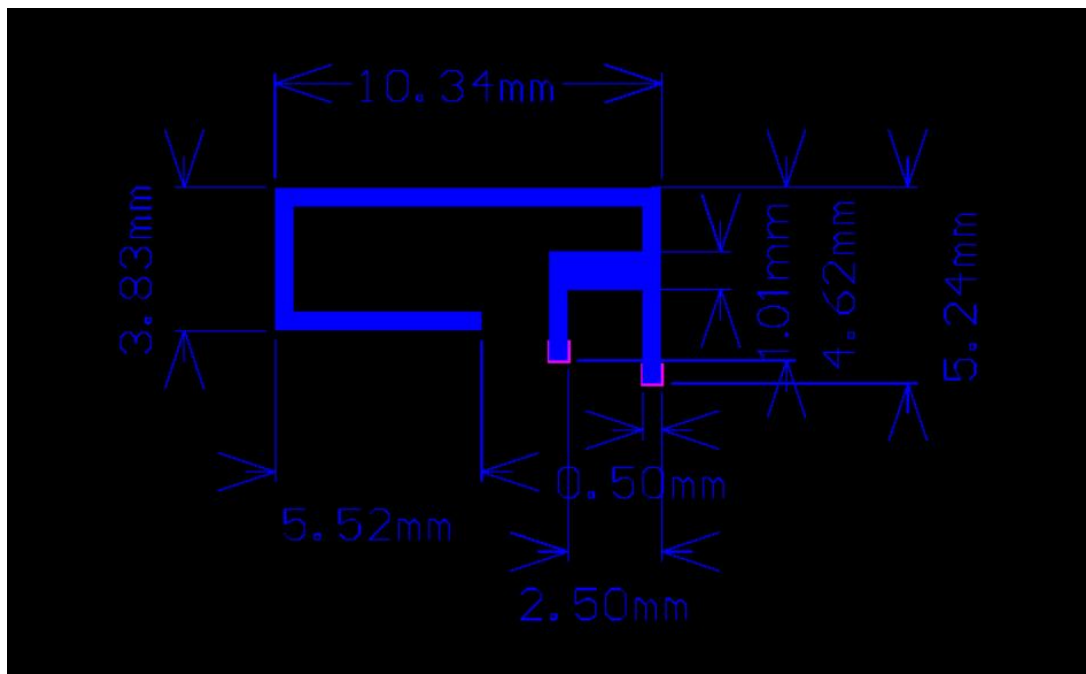
-Gain : -1.11 dBi (Max. peak gain)

-Impedance: 50Ω

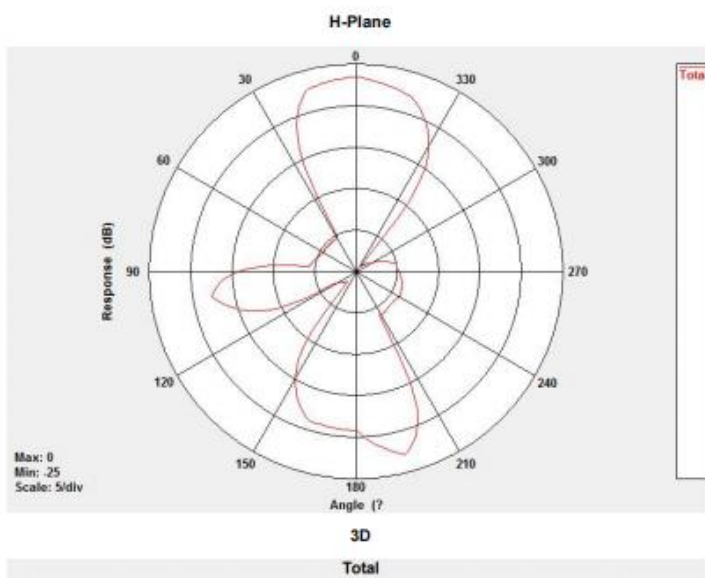
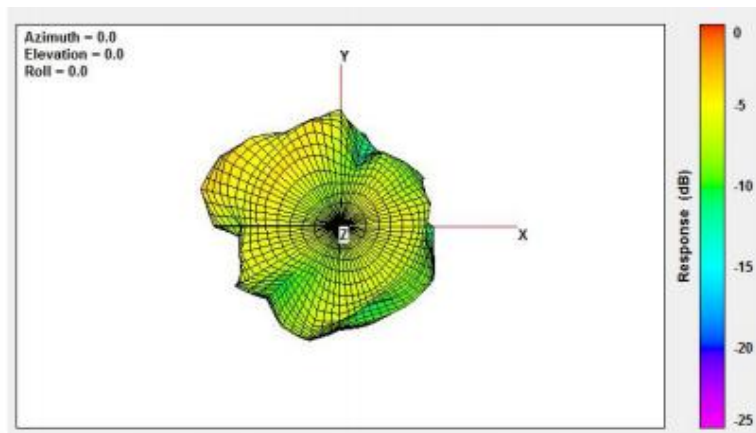
-Antenna length: 17.83mm

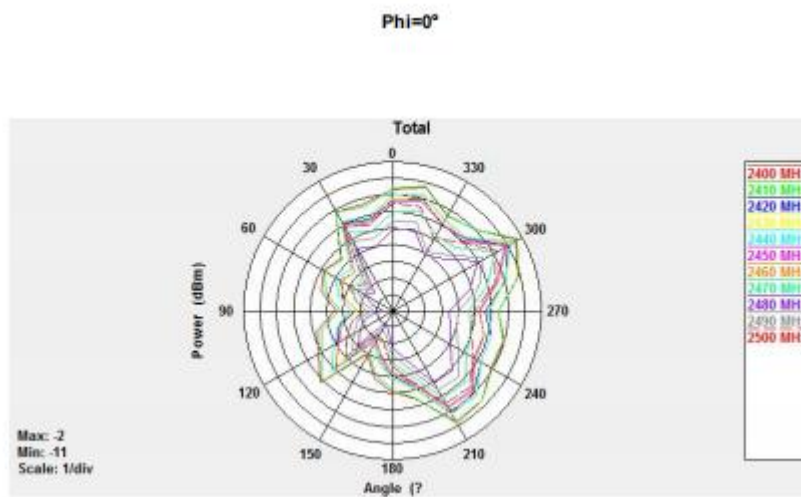
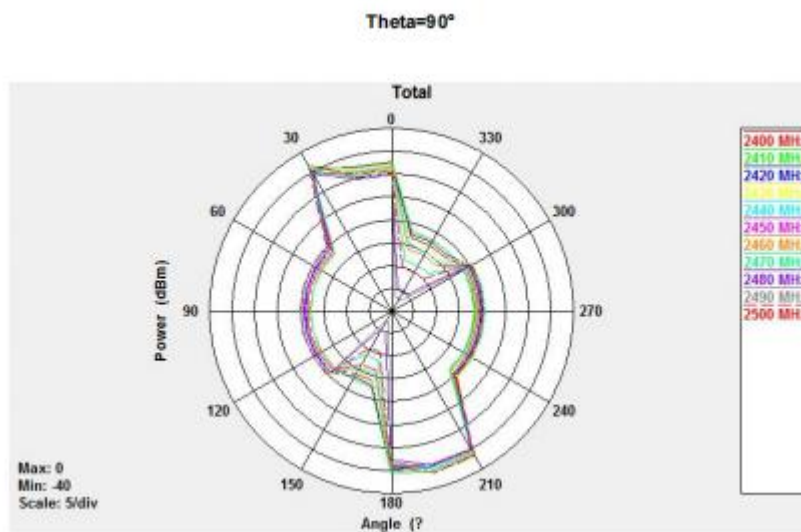
-Type : PCB PIFA Antenna

3) Antenna Dimension



4) Radiation Pattern





6) Gain

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	10.6838	-1.6042
2410	10.7606	-1.424
2420	8.99879	-2.22775
2430	8.9469	-2.29328
2440	8.85541	-2.3212
2450	7.99719	-2.73078
2460	8.39098	-2.30239
2470	7.99714	-2.31771
2480	7.19524	-2.78524
2490	8.49794	-2.05759
2500	10.3004	-1.11333