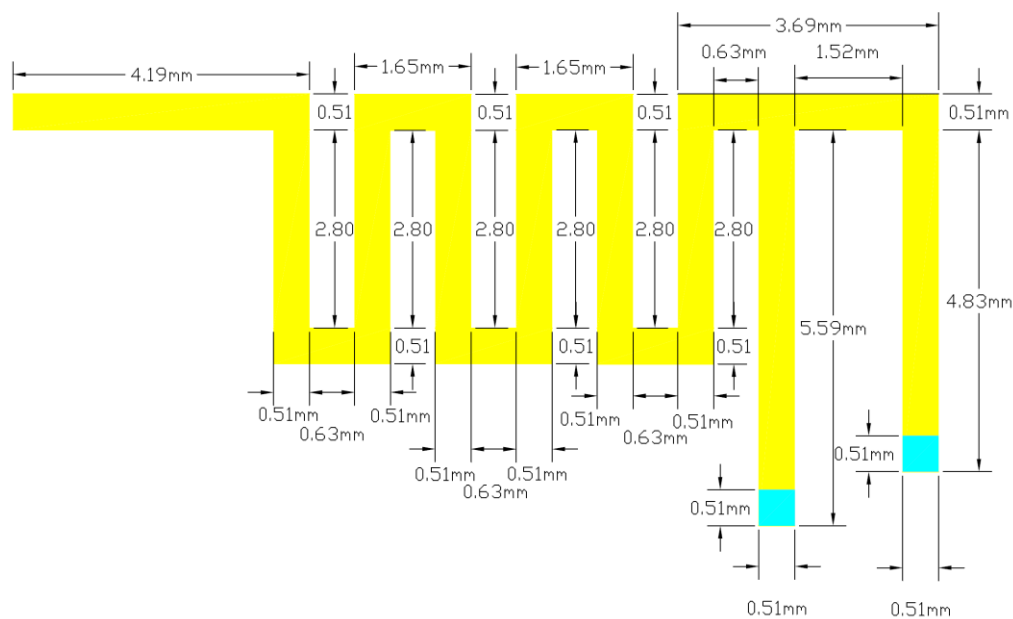


Antenna specification

1. Antenna describe

Antenna form	PCB
Frequency range	2.4 ~ 2.5Ghz
Gain	<-0.35dBi
Input Impedance	50±5Ω
Antenna model	HOF-45N-CW45RTC-ANT
Manufacturer	Xiamen Hello Electronics Co., Ltd.
Manufacturer's address	NO.808,Jiahe Road xiamen Fujian,P.R.China

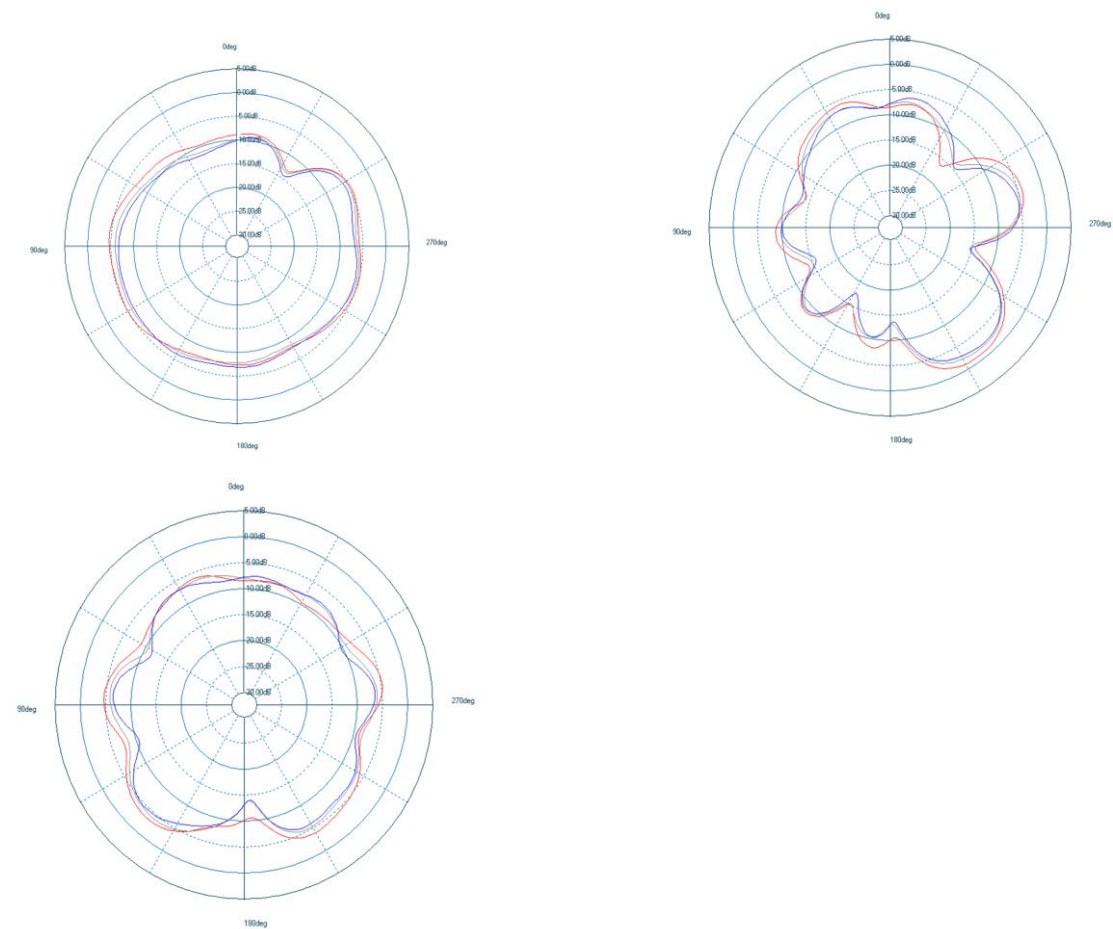
2. Antenna Layout and Implementation



3. Antenna Gain

Frequency	Efficiency (%)	Gain . dBi
2400MHz	22%	-0.35369
2410MHz	21%	-0.72618
2420MHz	21%	-0.72629
2430MHz	20%	-0.9035
2440MHz	19%	-0.98682
2450MHz	19%	-0.89954
2460MHz	19%	-0.83085
2470MHz	19%	-0.80553
2480MHz	17%	-1.39633
2490MHz	17%	-1.67368
2500MHz	16%	-1.46282

4. Antenna 2D Pattern



5. Antenna Radiation Pattern

