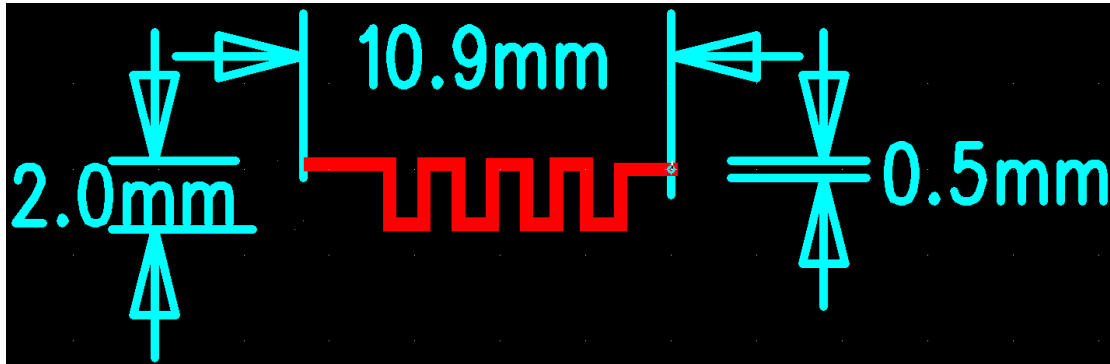


## Product specification

### Quick Reference Date

	Antenna module on the system board
Antenna type	PCB
Frequency	2.45GHz
Gain(dBi)	-0.28dBi

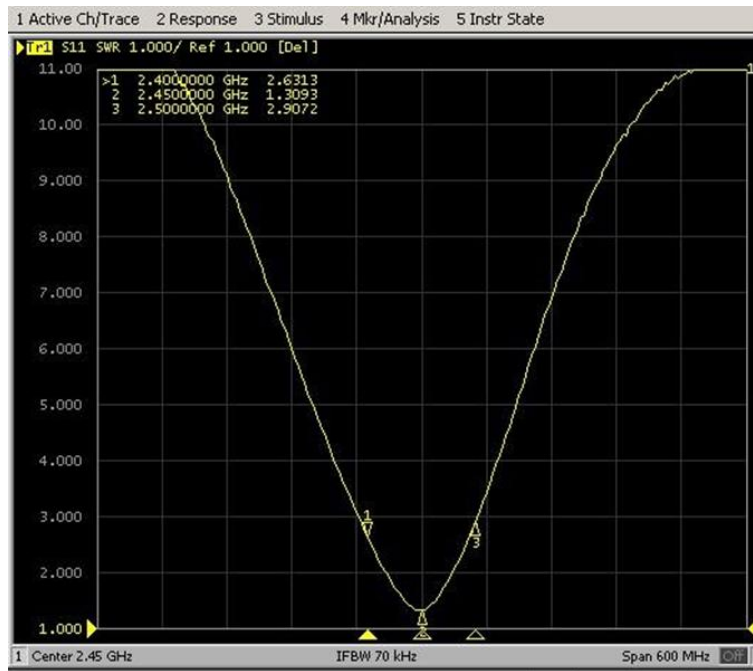
### Antenna Layout & module on the system board



### Antenna Gain

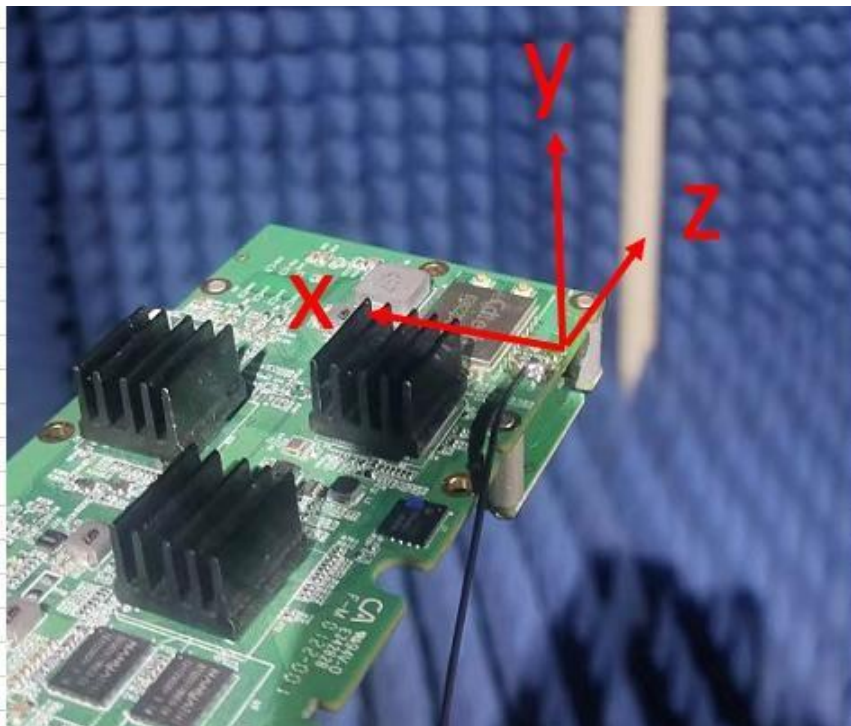
Freq(MHz)	Effi(%)	Gain(dBi)
2400	20.97	-2.04
2410	21.07	-1.85
2420	26.54	-0.89
2430	29.51	-0.36
2440	28.85	-0.38
2450	26.32	-0.72
2460	27.86	-0.28
2470	25.28	-1.24
2480	23.02	-0.69
2490	21.37	-1.6
2500	22.19	-1.55

## VSWR



Frequency (MHz)	2400	2450	2500
VSWR	2.6	1.3	2.9

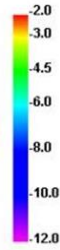
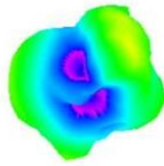
## The Environment of Antenna Radiation Pattern



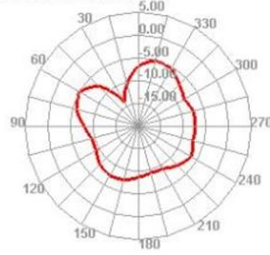
H-plane-XY; E1-plane-XZ; E2-plane-YZ

# 3D radiation pattern diagram

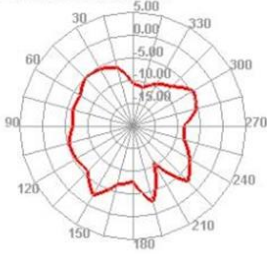
2400.000MHz



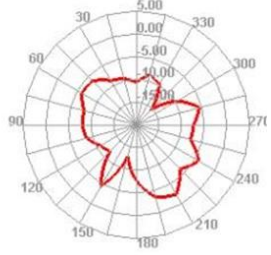
2400.000MHz H



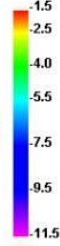
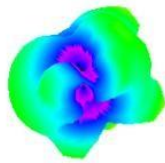
2400.000MHz E1



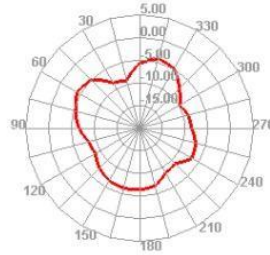
2400.000MHz E2



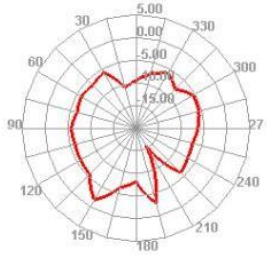
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

