

Antenna Specification

Applicant's name : Shenzhen xiaoxiang supply chain technology co., ltd
Address : 2801A, West Tower, Xinghe Twin Tower, No. 8, Yaxing Road,
Nankeng Community, Bantian Street, Longgang District,
Shenzhen

EUT Description

Test Item	Antenna gain; Radiation pattern and efficiency
Antenna Type	PCB Antenna
Frequency Range	2400MHz-2500MHz

1 Test Data

1.1 Typical free space efficiency and gain

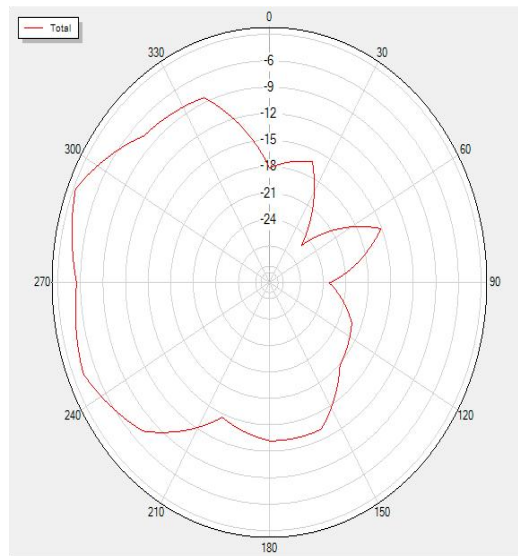
Frequency/MHz	Efficiency / dB	Efficiency / %	Max Gain/dBi
2400	-10.72	8.48%	-3.13
2425	-9.43	11.39%	-2.54
2450	-8.23	15.04%	-2.07
2475	-7.36	18.39%	-1.37
2500	-7.83	16.47%	-1.78

1.2 Typical free space radiation pattern

(1) X-Z Plane:

V $\Phi=0$

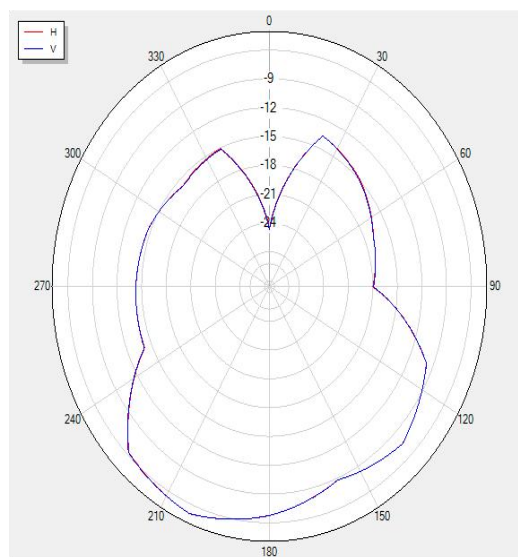
2450 Total



(2) Y-Z Plane:

V $\Phi=90$

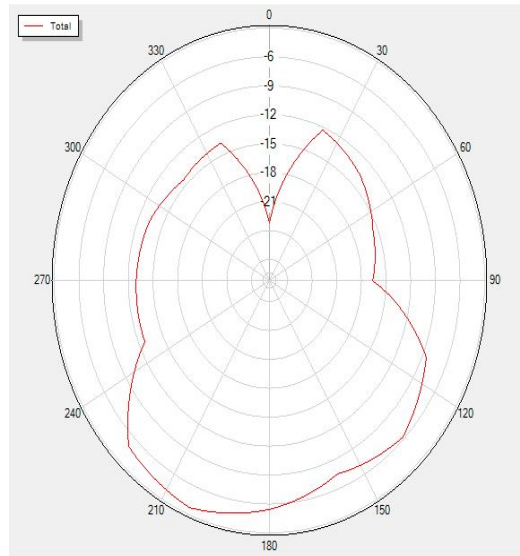
2450 Polar



(3) X-Y Plane:

H Theta=90

2450 Total



2 EUT appearance

