

Antenna Specification

Applicant's name: Shenzhen xiaoxiang supply chain technology co., ltd

Address: Xinghe WORLD Twin Towers, No. 8 Yaxing Road, Nankeng Community, Bantian

Street, Longgang District, Shenzhen West Tower 28th Floor 2801A-1

EUT Description

Test Item	Antenna gain; Radiation pattern and efficiency
Antenna Type	X28 PCB Antenna
Frequency Range	2400MHz- 2500MHz

1 Test Data

1.1 Typical free space efficiency and gain

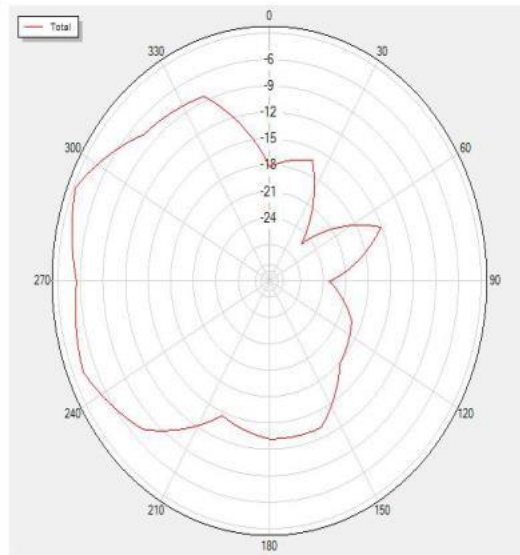
Frequency/MHz	Efficiency / dB	Efficiency / %	Max Gain/dBi
2400	-10.72	8.48%	-3.13
2425	-9.43	11.39%	-2.54
2450	-8.23	15.04%	-2.07
2475	-7.36	18.39%	-1.37
2500	-7.83	16.47%	-1.78

1.2 Typical free space radiation pattern

(1) X-Z Plane:

$\Psi \Phi = 0$

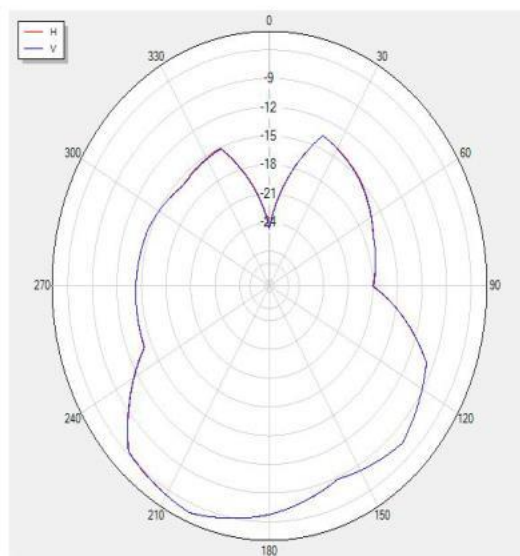
2450 Total



(2) Y-Z Plane:

$\Psi \Phi = 90$

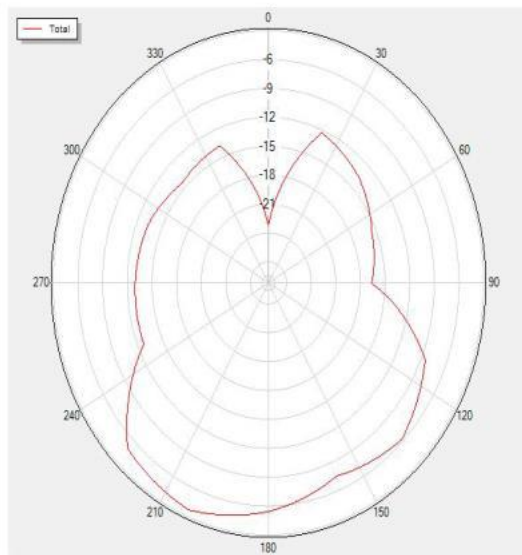
2450 Polar



(3) X-Y Plane:

H Theta=90

2450 Total



2 EUT appearance

