

Antenna Specification

Applicant's name : Guilin Zhishen Information Technology Co., Ltd.
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Guilin, Guangxi, China.

EUT Description

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

1 Test Data

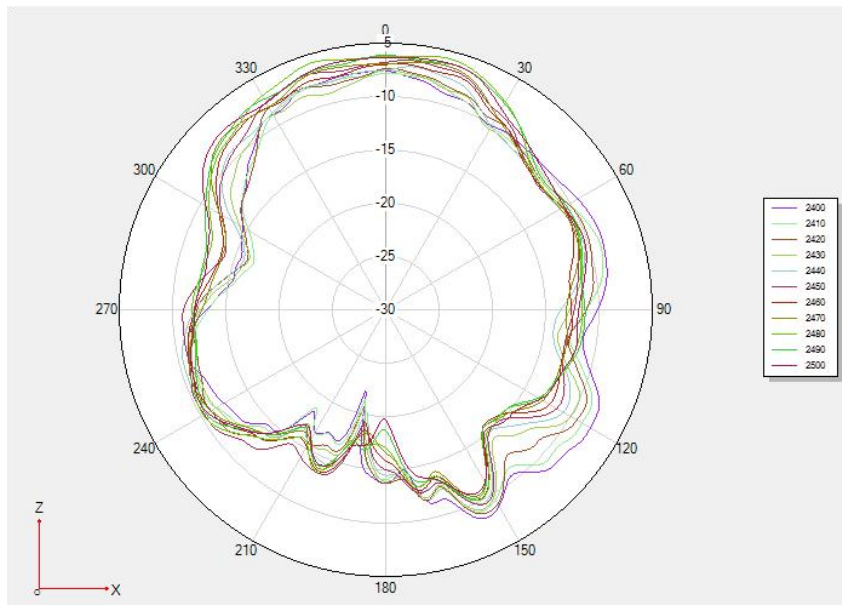
1.1 Typical free space efficiency and gain

Frequency/MHz	Efficiency / dB	Efficiency / %	Max Gain/dBi	Avg Gain/dBi
2400	-9.74	10.62	-2.92	-9.74
2410	-10.07	9.84	-2.94	-10.07
2420	-10.22	9.51	-2.93	-10.22
2430	-10.24	9.46	-4.06	-10.24
2440	-10.19	9.57	-4.84	-10.19
2450	-10.18	9.59	-3.77	-10.18
2460	-10.24	9.46	-4.21	-10.24
2470	-10.08	9.82	-4.06	-10.08
2480	-9.96	10.09	-2.94	-9.96
2490	-9.88	10.28	-3.13	-9.88
2500	-9.67	10.79	-3.47	-9.67

1.2 Typical free space radiation pattern

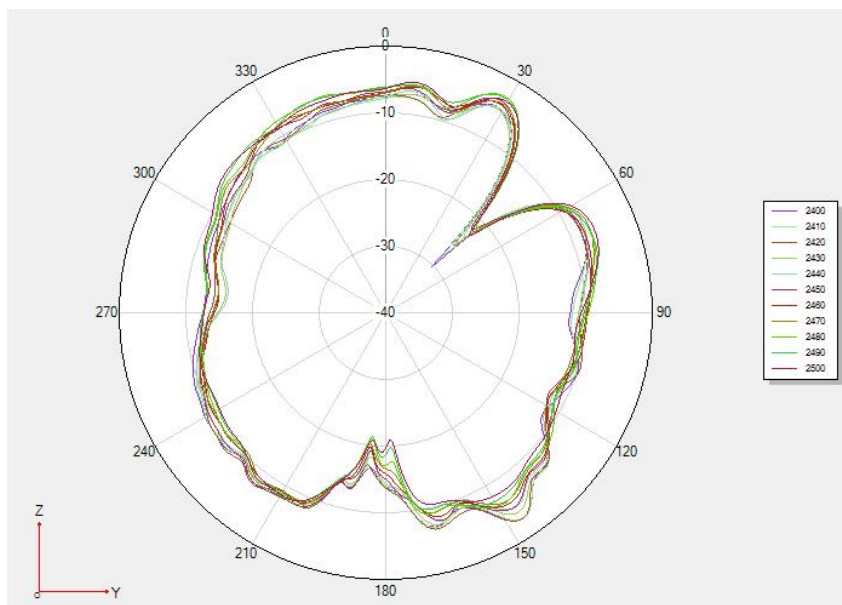
(1) X-Z Plane:

V $\Phi=0$



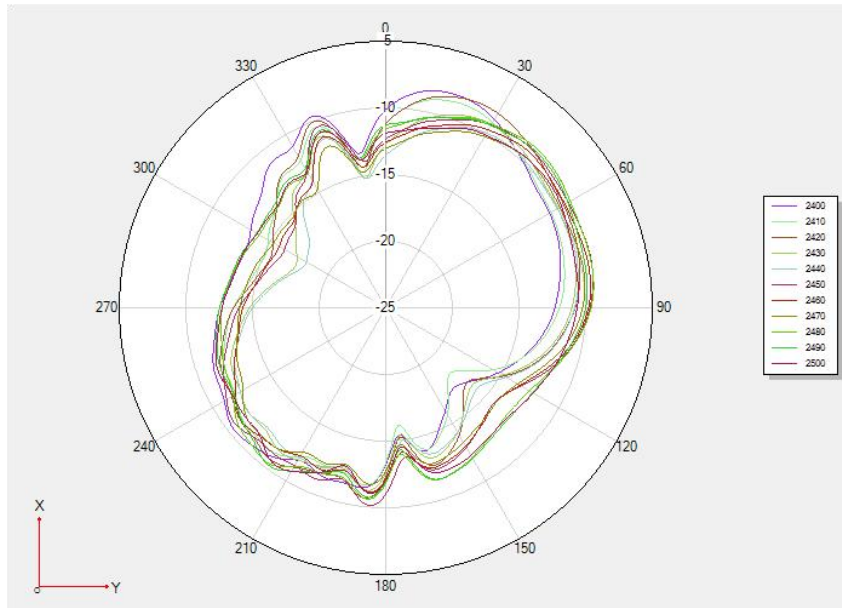
(2) Y-Z Plane:

V $\Phi=90$



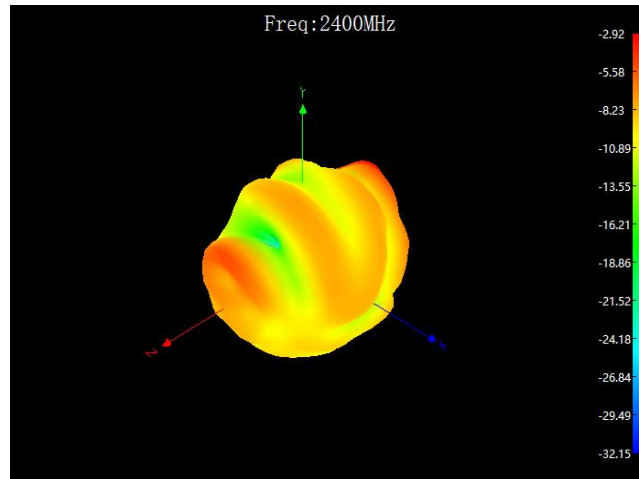
(3) X-Y Plane:

H $\Theta=90$

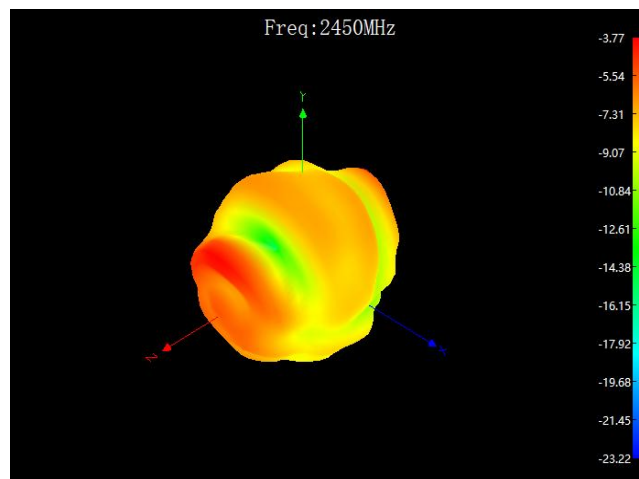


1.3 3D Pattern

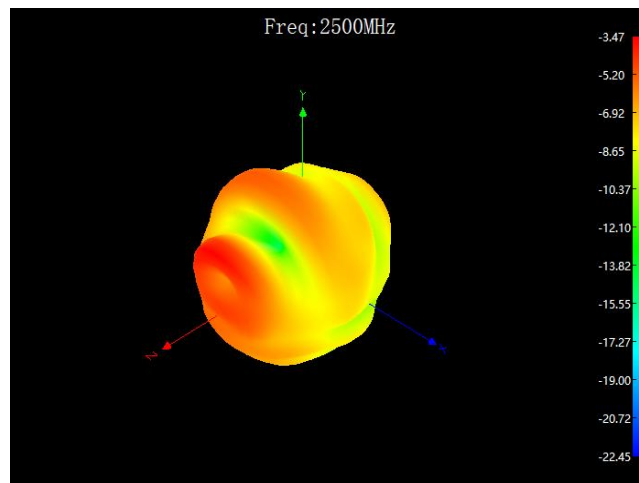
3D Pattern for 2400MHz



3D Pattern for 2450MHz



3D Pattern for 2500MHz



2 EUT appearance

