

三、结构尺寸图 (CAD 图档)

[illegible]

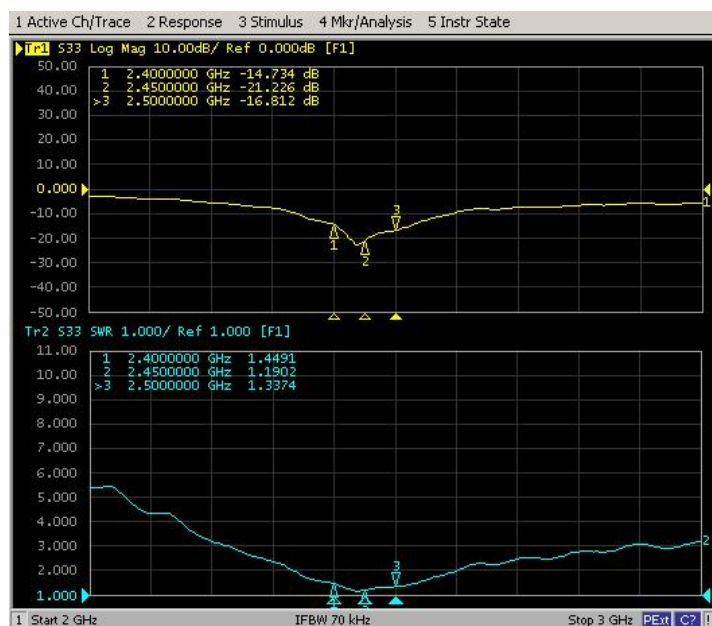
1. S Parameter

Frequency (MHz)	Return Loss (dB)	VSWR
2400	-14.73	1.44
2450	-21.22	1.19
2500	-16.81	1.33

* Voltage Standing Wave Ratio(VSWR)

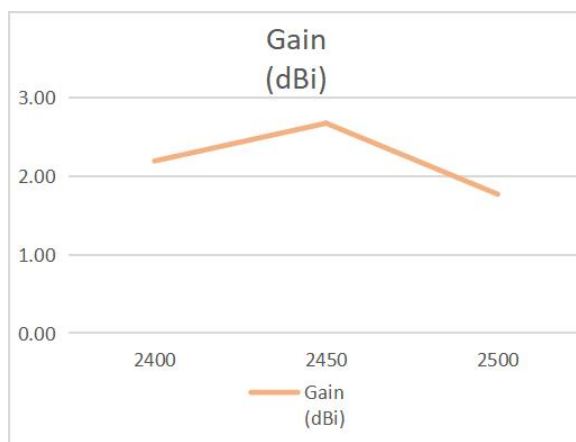
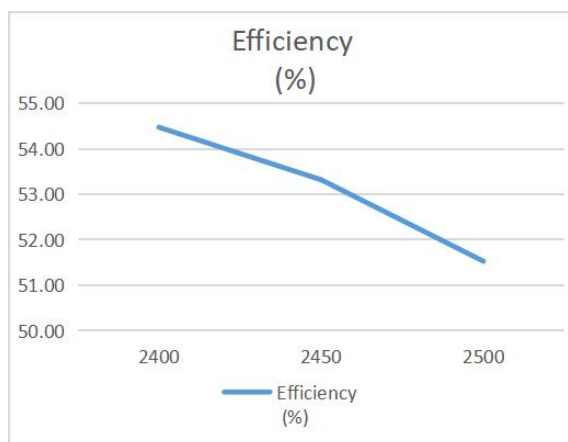
Return Loss(RL)

$$RL=20*\log_{10}[(VSWR+1)/(VSWR-1)]$$



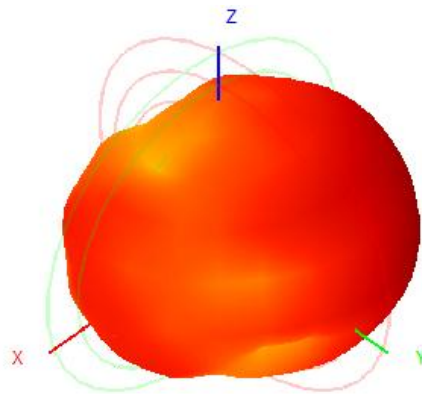
2. Efficiency and Gain

Frequency (MHz)	2400	2450	2500
Efficiency (%)	54.47	53.32	51.53
Gain (dBi)	2.19	2.68	1.77

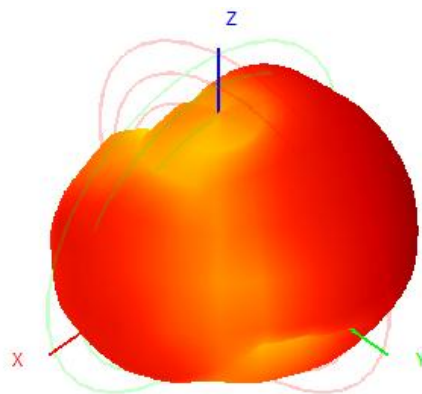


3. Radiation Pattern

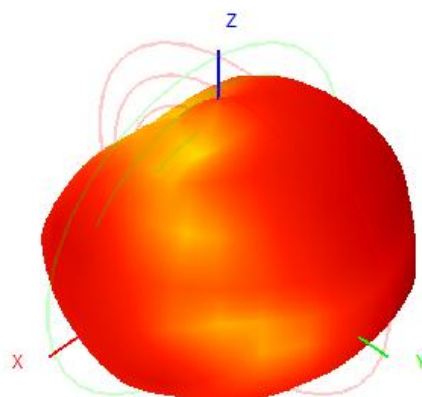
3-1 Antenna 3D Radiation Pattern



2400MHz

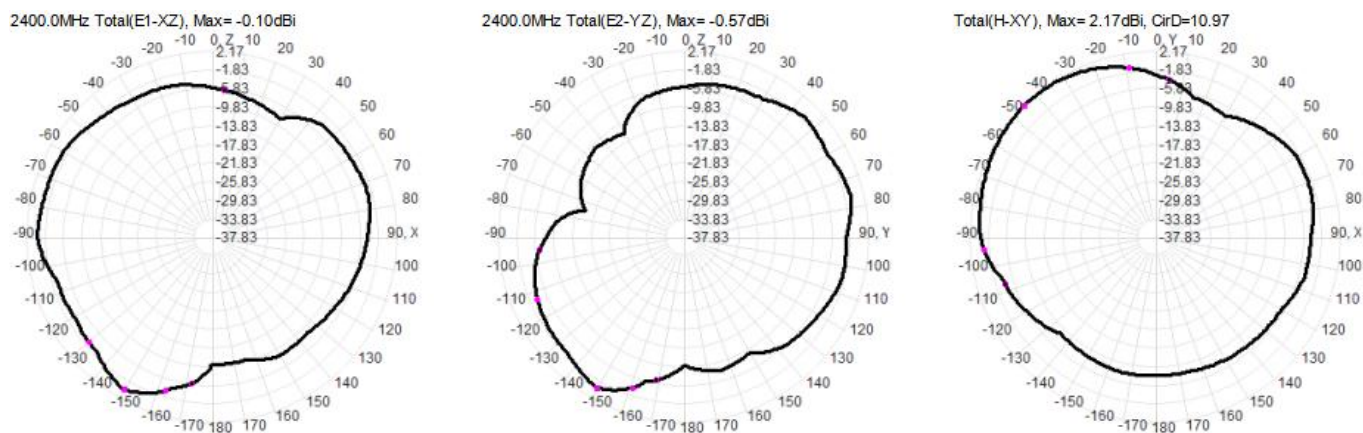


2450MHz

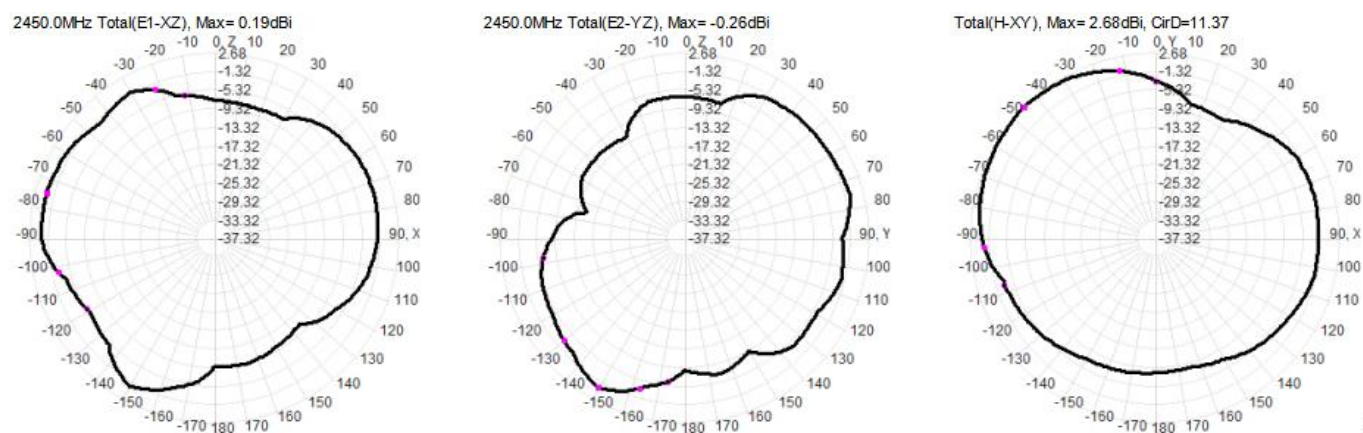


2500MHz

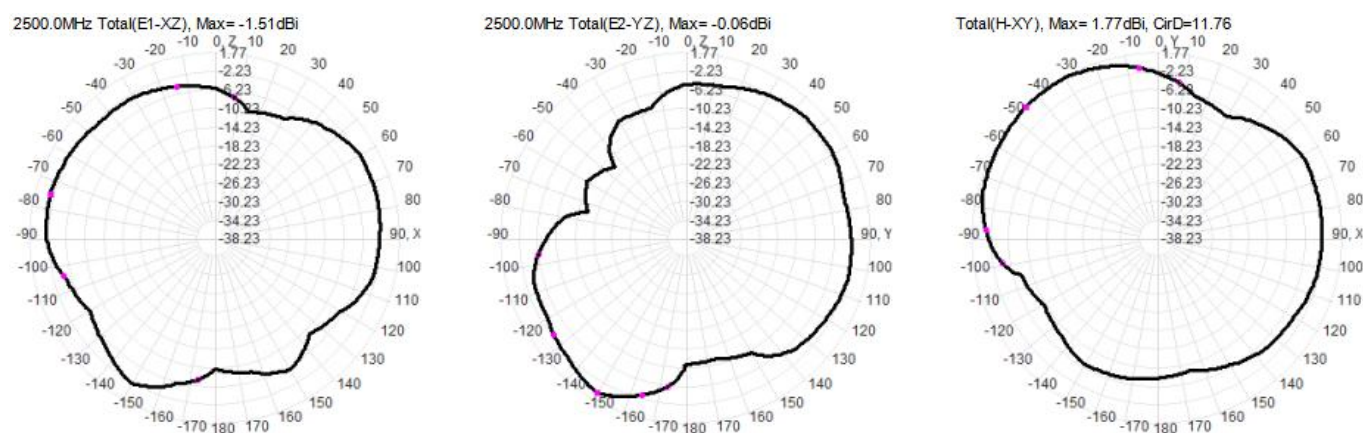
3-2 Antenna 2D Radiation Pattern



2400MHz



2450MHz



2500MHz

4.Active test data

Item	Measurement	Total
1	TRP	18.19
6	TRP	18.51
11	TRP	19.05
1	TIS(EIRP)	-84.36
6	TIS(EIRP)	-82.15
11	TIS(EIRP)	-84.92

6. Antenna installation diagram

