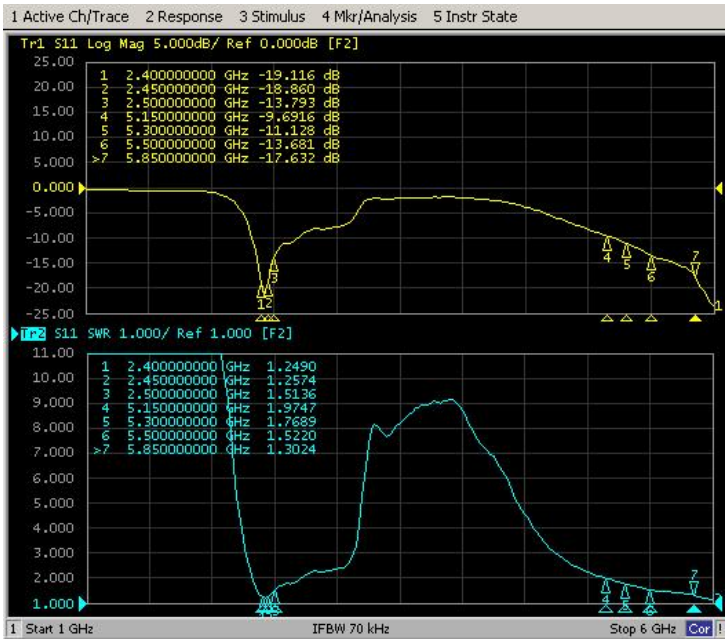
1. S Parameter

Frequency (MHz)	Return Loss(dB)	VSWR
2400	-19.11	1.24
2450	-18.86	1.25
2500	-13.79	1.51



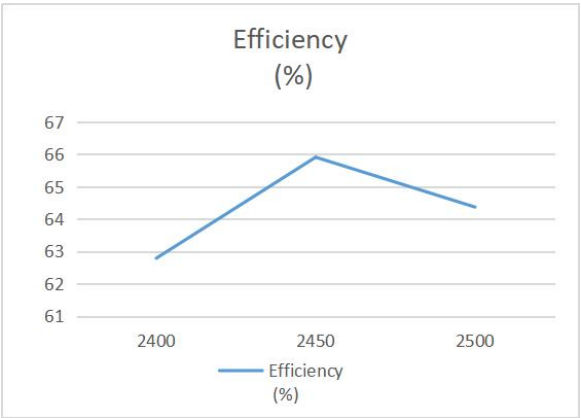
* Voltage Standing Wave Ratio(VSWR)

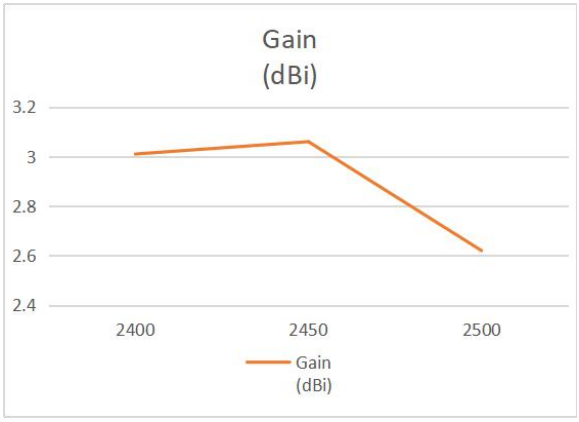
Return Loss(RL)

RL=20*log10[(VSWR+1)/(VSWR-1)

2. Efficiency and Gain

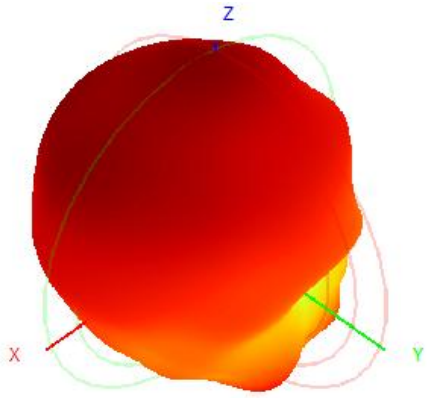
Frequency (MHz)	2400	2450	2500
Efficiency (%)	62.79	65.91	64.37
Gain (dBi)	3.01	3.06	2.62



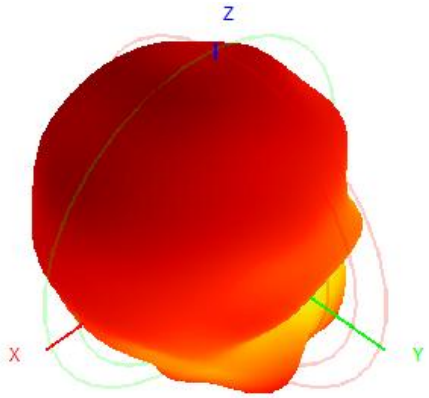


3. Radiation Pattern

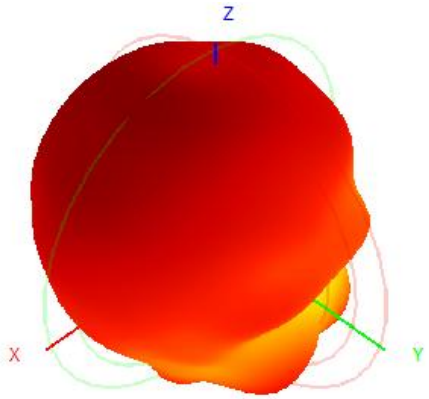
3-1 Antenna 3D Radiation Pattern



2400MHz

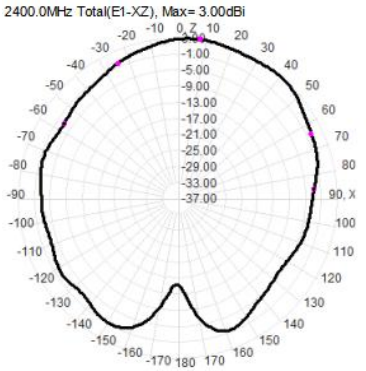


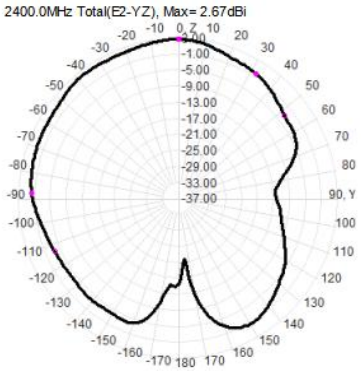
2450MHz

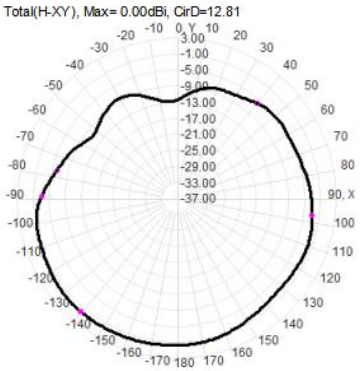


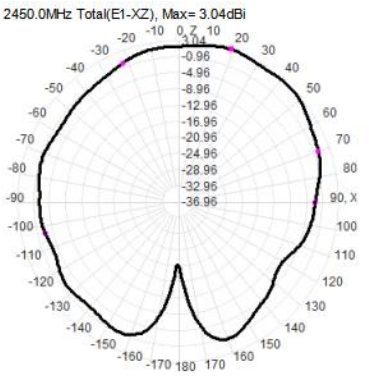
2500MHz

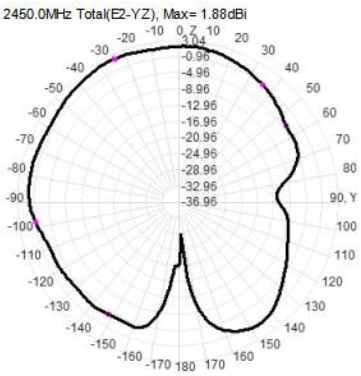
3-2 Antenna 2D Radiation Pattern

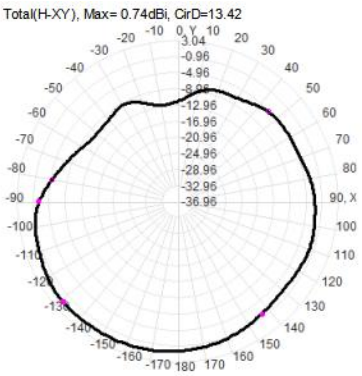


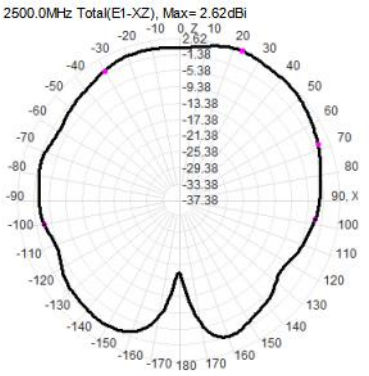


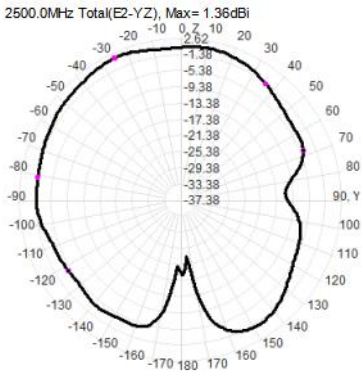


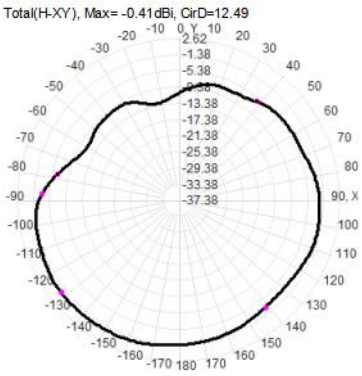












4.Active test data

Item	Measurement	Total
1	TRP	17.37
6	TRP	16.55
11	TRP	17.37
1	TIS(EIRP)	-80.65
6	TIS(EIRP)	-83.28
11	TIS(EIRP)	-83.89

5.Antenna installation diagram