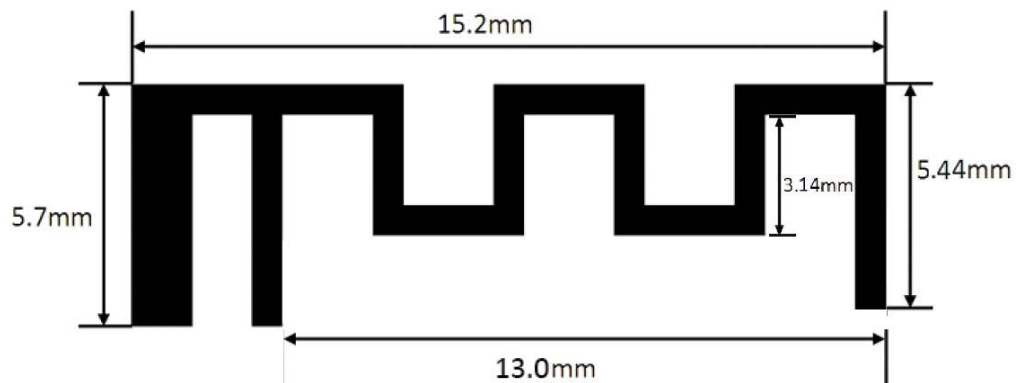


Antenna specification

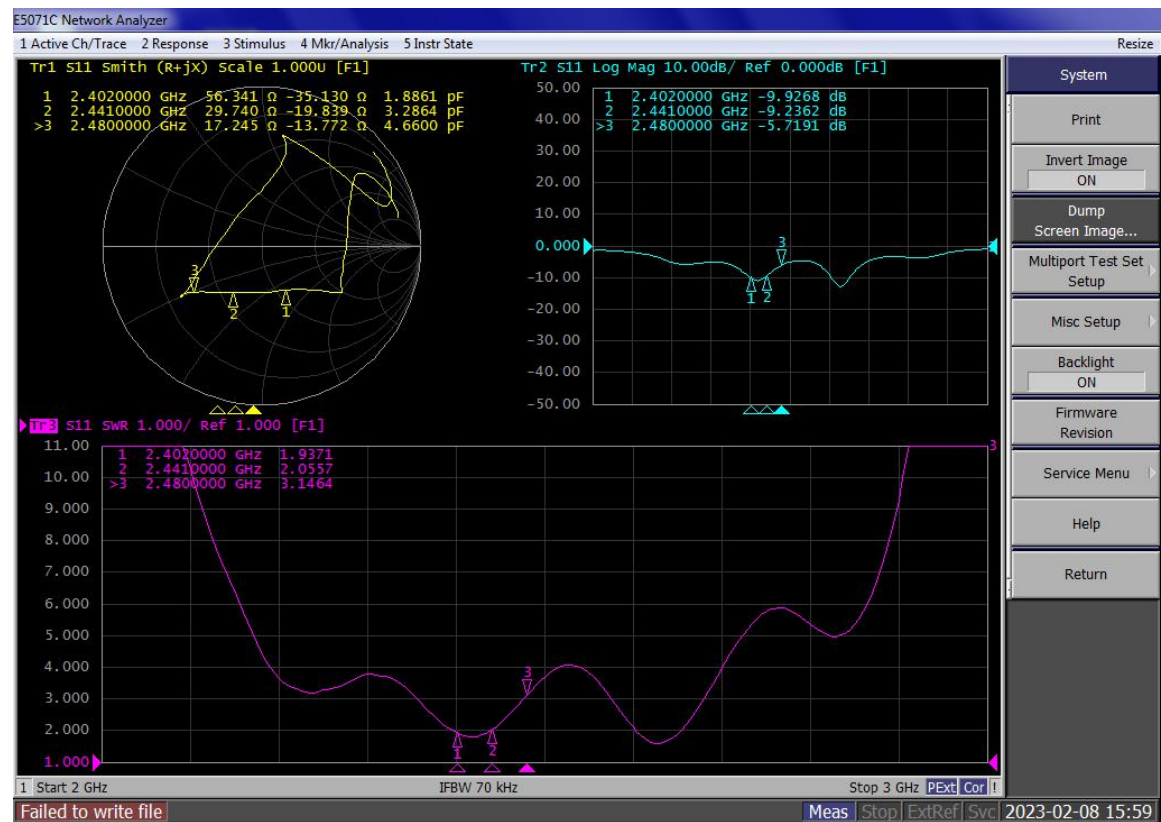
SPECIFICATIONS	
Frequency (MHz)	2400-2500
Peak Gain (dBi)	-2.1dBi
Average Gain (dBi)	> -4
VSWR	<3.2
Impedance (Ω)	50 Ω
Antenna Type	Plannar Inverted F Antenna on board
Model	2.4G ANT
Manufacturer	Guangxi Yaosheng Intelligent Technology Group Co.,LTD. Office Building of Silk Silk Standard Factory (Phase II) on Zhongcun Road of G321 National Highway in Mengshan County, Wuzhou City,Guangxi Zhuang Autonomous Region,P.R.China

Antenna physical and physical dimensions



Passive S parameters of antenna:

VSWR, Return Loss, and Smith Chart



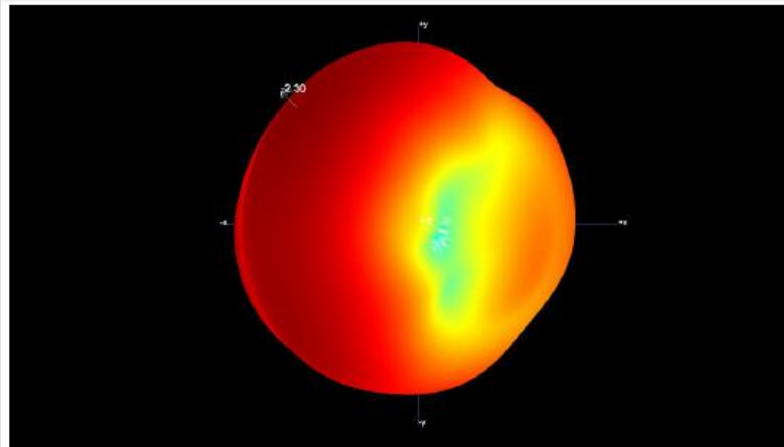
Antenna efficiency and gain

Frequency	Gain (dBi)	Efficiency (%)
2400MHz	-2.10	20
2410MHz	-2.40	20
2420MHz	-2.49	21
2430MHz	-2.57	20
2440MHz	-2.69	19
2450MHz	-2.86	19
2460MHz	-3.06	19
2470MHz	-3.23	19
2480MHz	-3.29	18
2490MHz	-3.22	18
2500MHz	-3.58	18

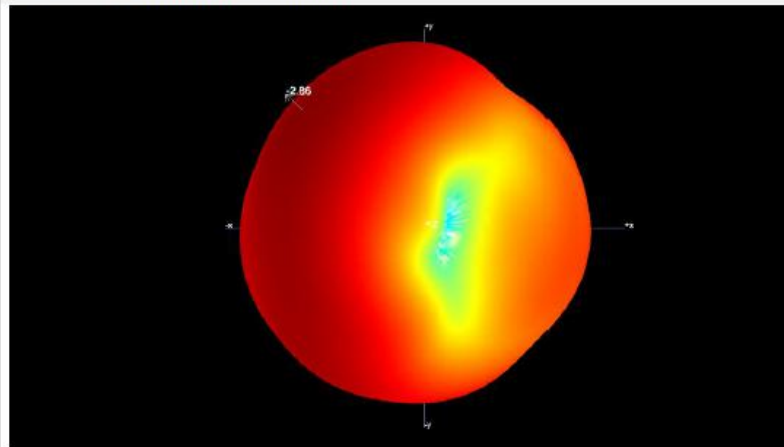
Radiation Pattern Unit: dBi

3D Pattern

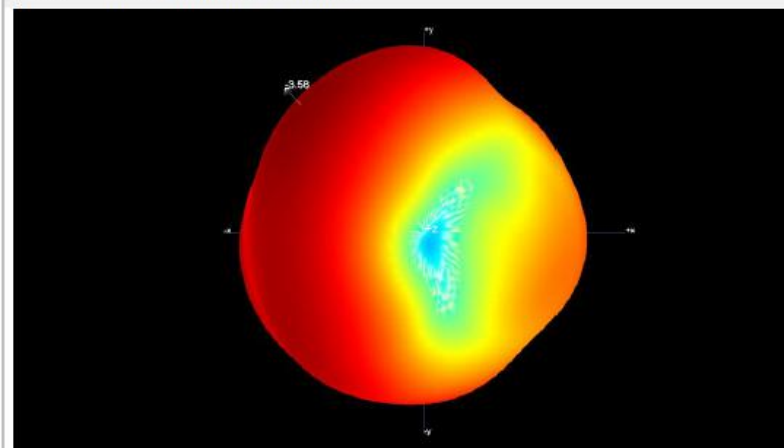
B1.1 3D Pattern for 2400MHz



B1.2 3D Pattern for 2450MHz

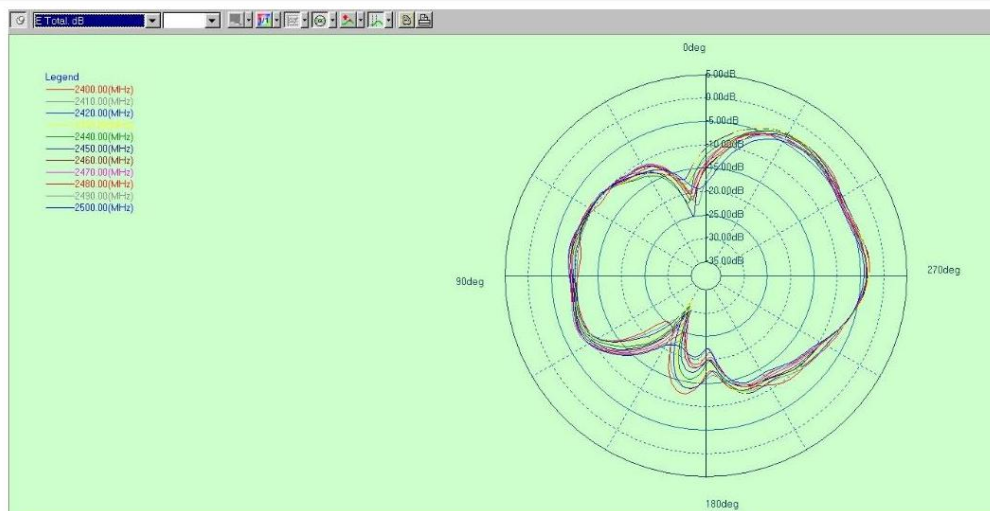


B1.3 3D Pattern for 2500MHz

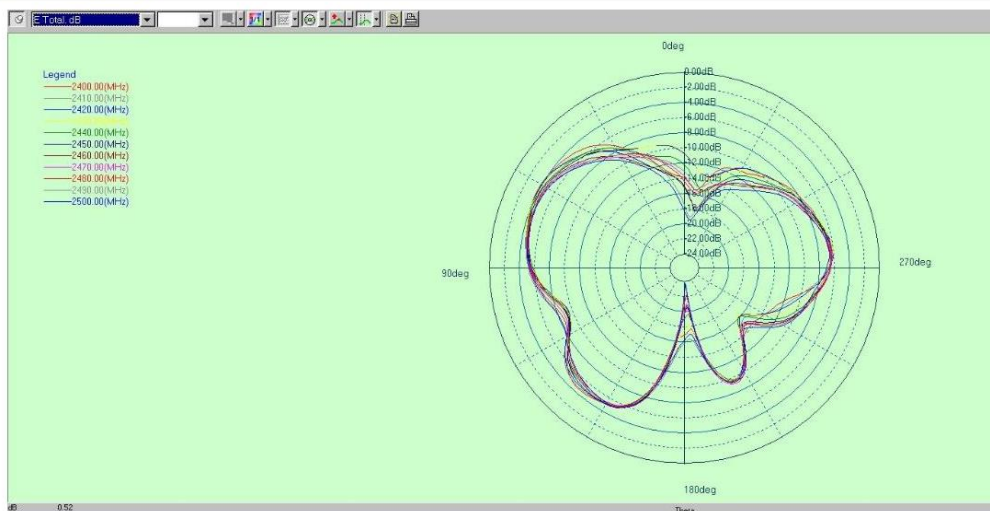


Unit: dBi

B2.1 PHI=0



B2.2 PHI=90



B2.3 THETA=90

