

Shenzhen Gamsing Technology Co., Ltd.
A223 Nanshan Software Park, No.10128 Shennan Avenue, LianchengCommunity,
Nantou Street, Nanshan District, Shenzhen, China

Antenna plate	PCB antenna
Model name	N/A
Antenna gain	2.0dBi
Frequency range	2.4GHZ-2.483GHZ
Connector type	direct
Location of mearment	See Me Here

1, mechanical dimension

a, antenna picture



2, antenna specification

2.4G mechanical specifiction

2400-2500MHZ

Electrical specifications	
Frequency range (MHz)	2400-2500
Polarization	Linear
Gain (dBi)	2.0dBi
Impedance (Ω)	50
Directivity	Omni-directional
VSWR	≤ 2.0 (Center frequency)
Mechanical specifications	
Texture of material	
Immersion tin length	
Operation Temperature ($^{\circ}\text{C}$)	-30~60
Humidity (%)	5~95

3.Gain

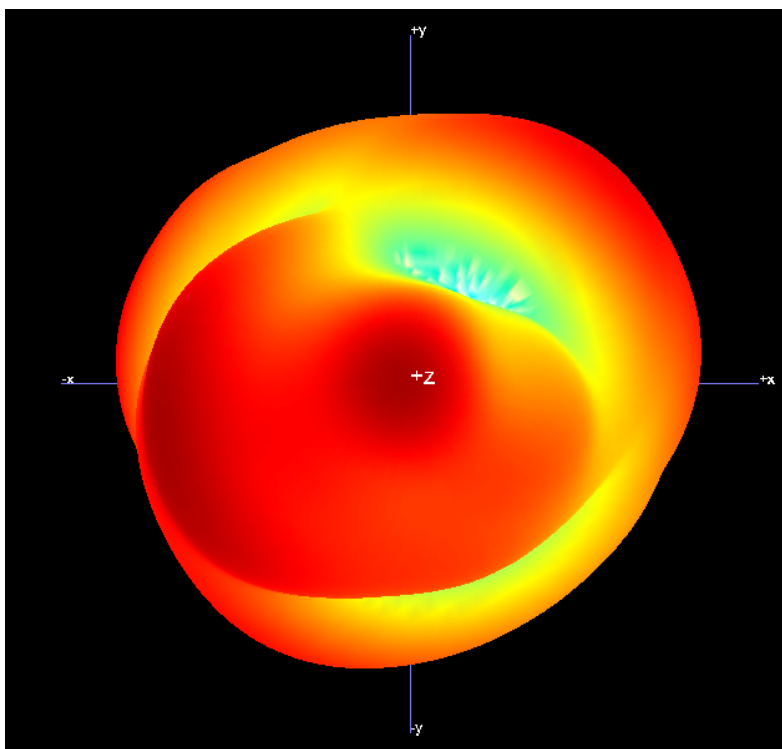
Frequency	E Total. dB(dB)	Efficiency()
2400MHz	1.83863	16.23%
2410MHz	1.79455	17.25%
2420MHz	2.00870	17.64%
2430MHz	1.53587	18.48%
2440MHz	1.30986	17.65%
2450MHz	1.24687	17.72%
2460MHz	1.86095	17.49%
2470MHz	1.65784	17.49%
2480MHz	1.40875	17.15%

4. INSERTION LOSS/RETURN LOSS/VSWR

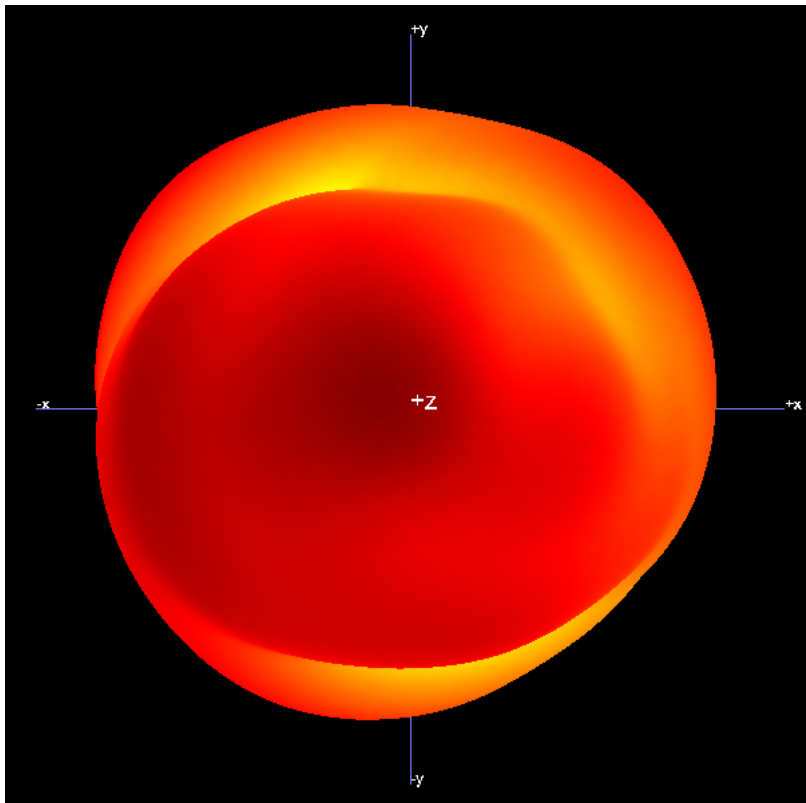
Frequency	Input impedance(Ω)	Return loss(dB)	VSWR
2400MHz	38.762	-6.147	2.505
2402MHz	37.253	-6.315	2.523
2440MHz	22.176	-6.547	2.512
2480MHz	18.103	-6.602	2.521
2500MHz	18.652	-6.697	2.519

5. 3D Pattern

2400MHZ



2440MHZ



2480MHZ

