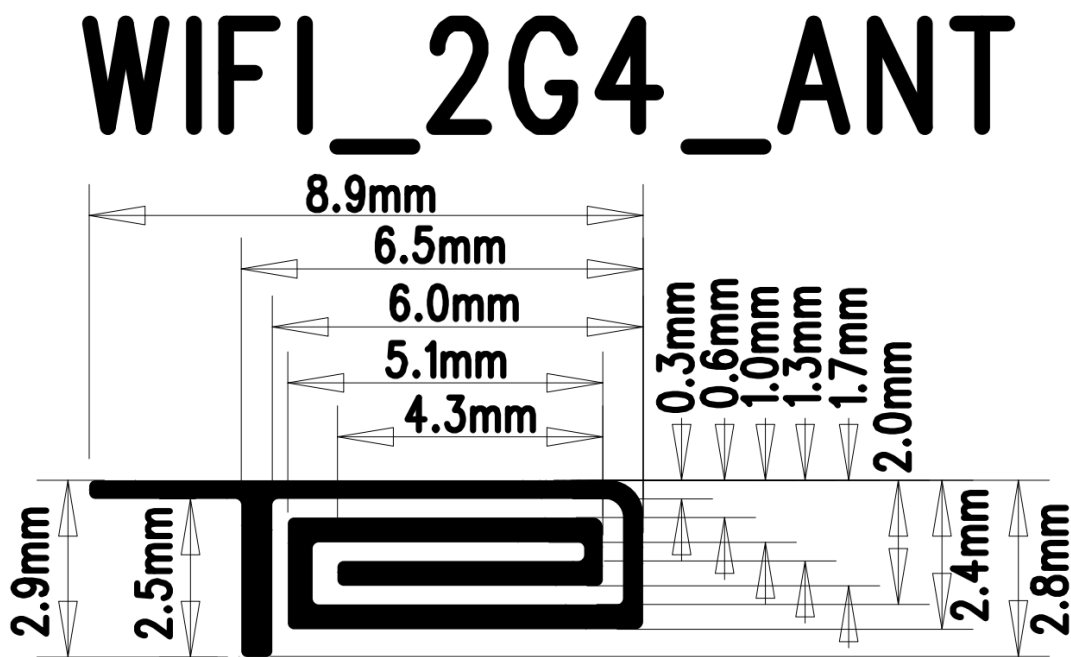


Antenna Specifications

1. Antenna Specifications

Manufacturer	Shenzhen Luhengda Electronics Co., Ltd
Address	201, No. 7, Dawang Industrial Zone, Dakang Community, Yuanshan Street, Longgang District, Shenzhen, China
Model Name	WIFI_2G4_ANT
Antenna Type	PCB Antenna
Frequency	2400 – 2500 MHz
Maximum Gain	-7.58 dBi
Polarization	Horizontal and Vertical
Azimuth Beam Pattern	Omni-directional
Impedance	50 Ohm
VSWR	<1.2

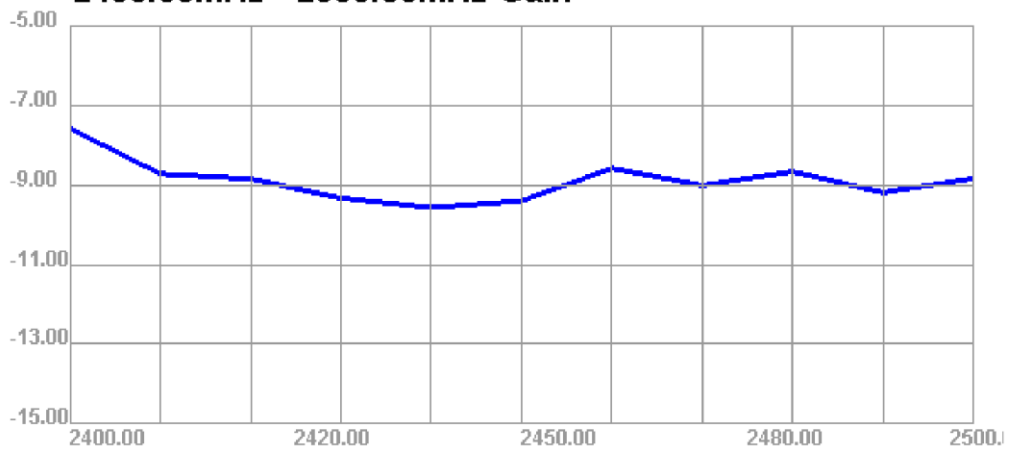
2. Antenna Dimensions



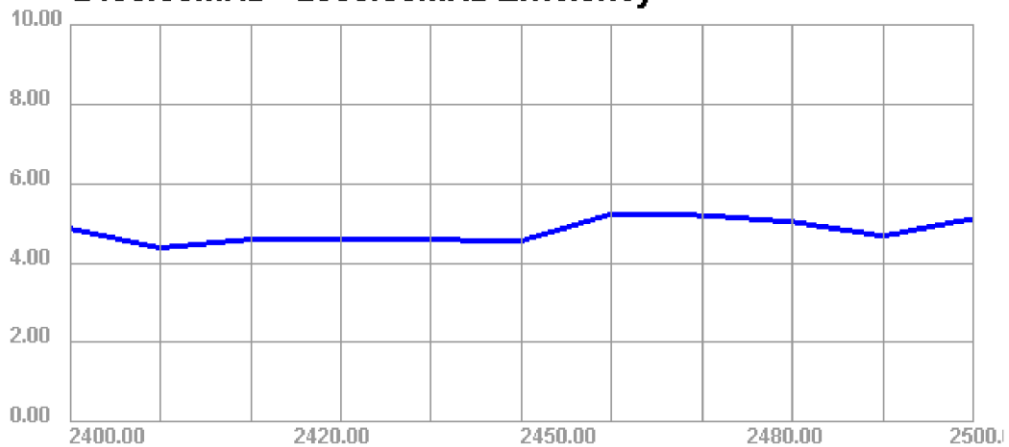
3. Antenna Gain & Efficiency

Passive Test For 2.4g										
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	UHS (%)	DHIS (%)	Max (dB)	Min (dB)	Attenut Hor	Attenu Ver
2400	4.9	-13.13	-7.58	-9.73	2.779	2.091	-7.58	-25.82	51.43	51.57
2410	4.4	-13.59	-8.72	-10.87	2.455	1.926	-8.72	-26.6	51.47	51.52
2420	4.6	-13.37	-8.84	-10.99	2.551	2.048	-8.84	-26.05	51.49	51.69
2430	4.6	-13.39	-9.33	-11.48	2.422	2.161	-9.33	-23.45	51.57	51.63
2440	4.6	-13.38	-9.57	-11.72	2.351	2.241	-9.57	-24.49	51.71	51.7
2450	4.6	-13.41	-9.4	-11.55	2.232	2.33	-9.4	-22.24	51.83	51.78
2460	5.2	-12.81	-8.58	-10.73	2.542	2.699	-8.58	-22.02	51.98	51.88
2470	5.2	-12.84	-9.01	-11.16	2.508	2.695	-9.01	-22.67	52	51.93
2480	5	-12.98	-8.67	-10.82	2.374	2.661	-8.67	-20.57	52	52.05
2490	4.7	-13.29	-9.19	-11.34	2.149	2.535	-9.19	-20.39	51.92	51.83
2500	5.1	-12.91	-8.84	-10.99	2.356	2.764	-8.84	-19.9	51.79	51.78

2400.00MHz - 2500.00MHz Gain

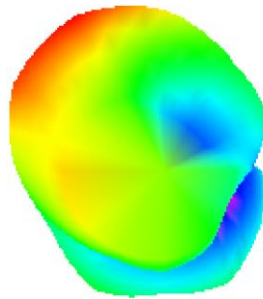


2400.00MHz - 2500.00MHz Efficiency

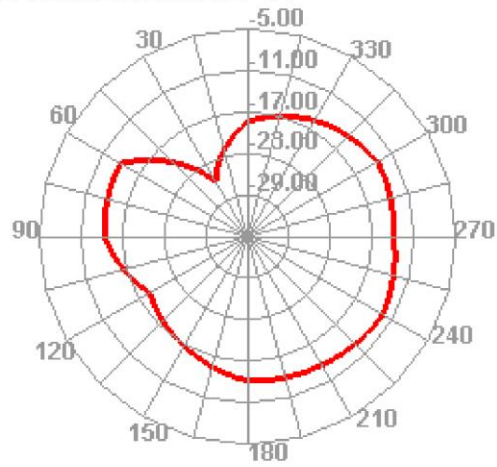


4. 2D/3D Radiated Pattern

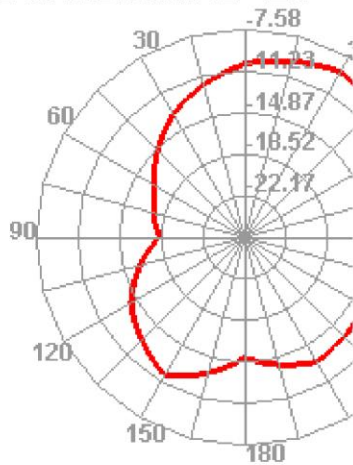
2400.000MHz



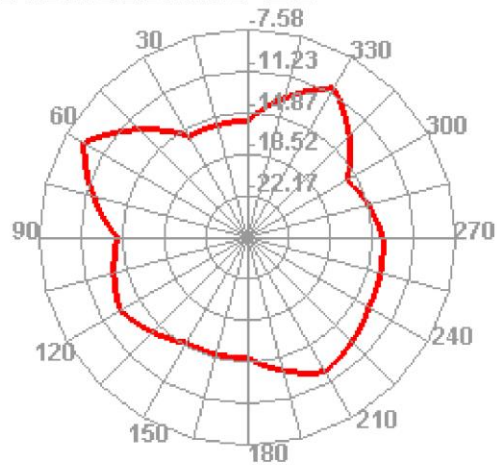
2400.000MHz H



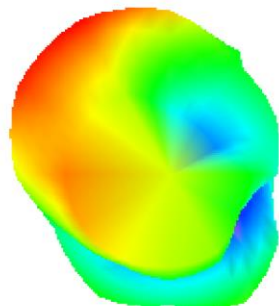
2400.000MHz E1



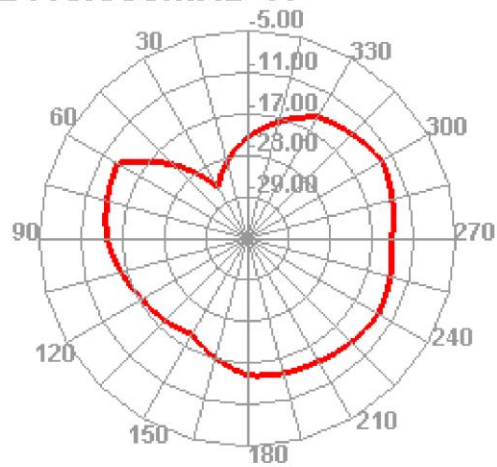
2400.000MHz E2



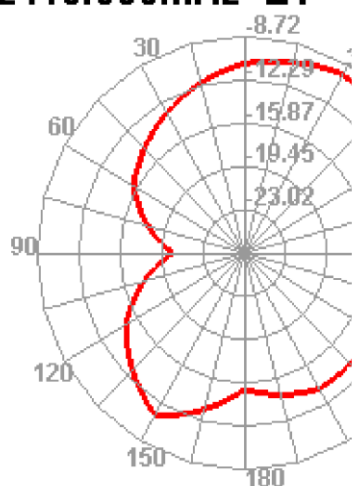
2410.000MHz



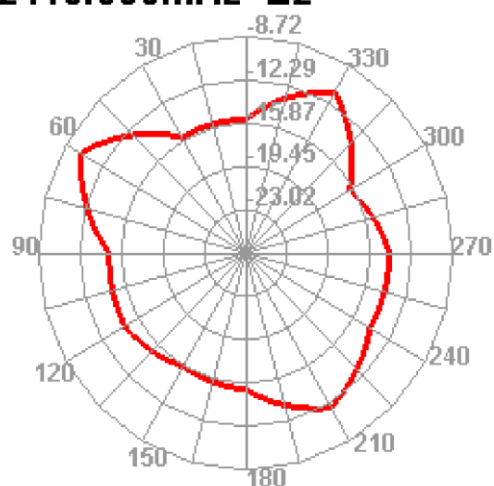
2410.000MHz H



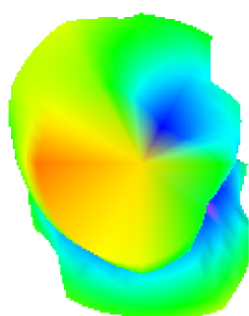
2410.000MHz E1



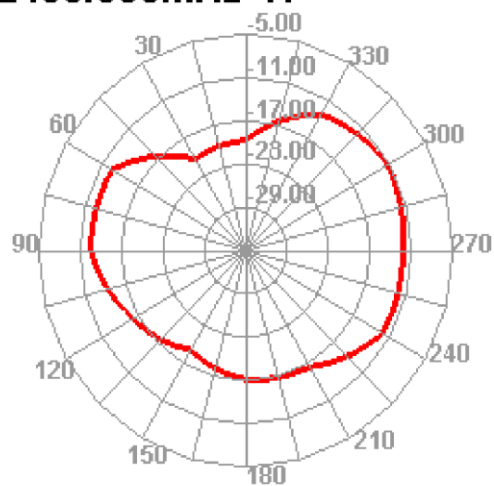
2410.000MHz E2



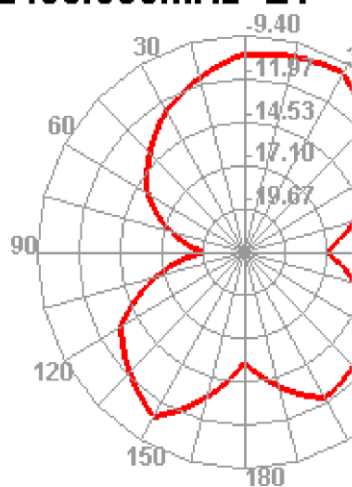
2450.000MHz



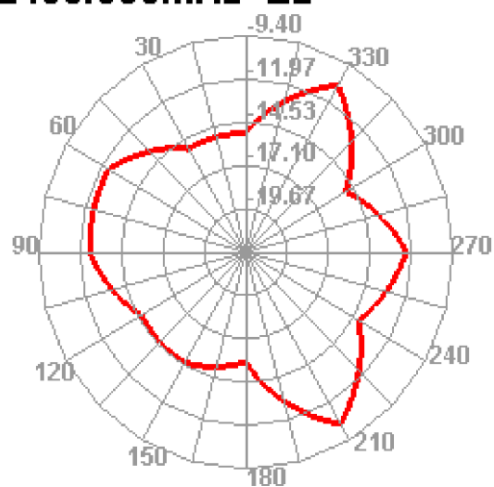
2450.000MHz H



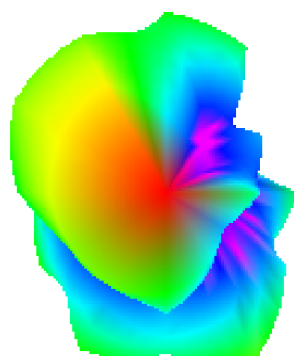
2450.000MHz E1



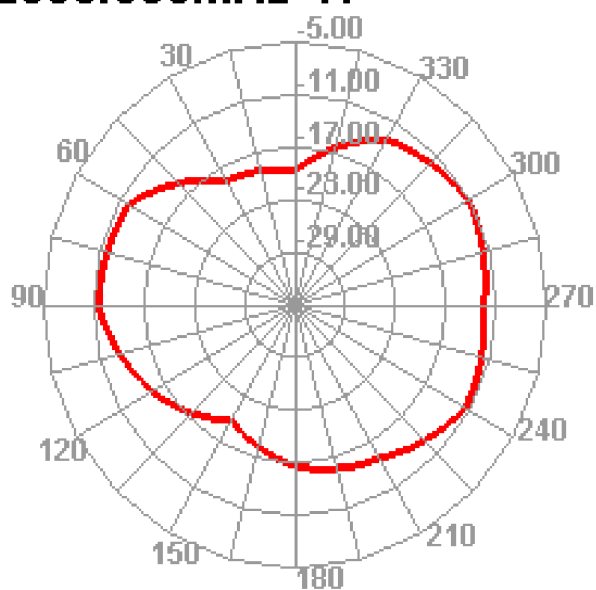
2450.000MHz E2



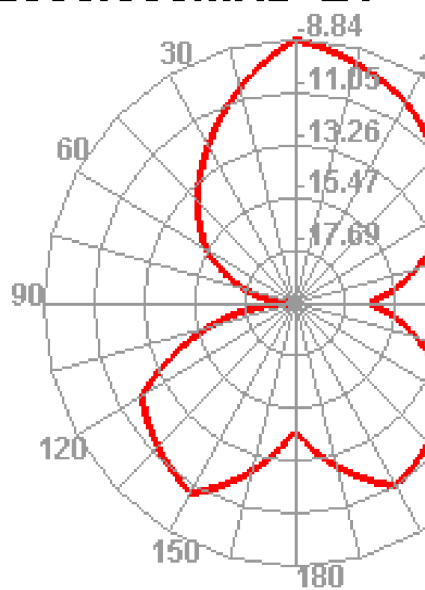
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

