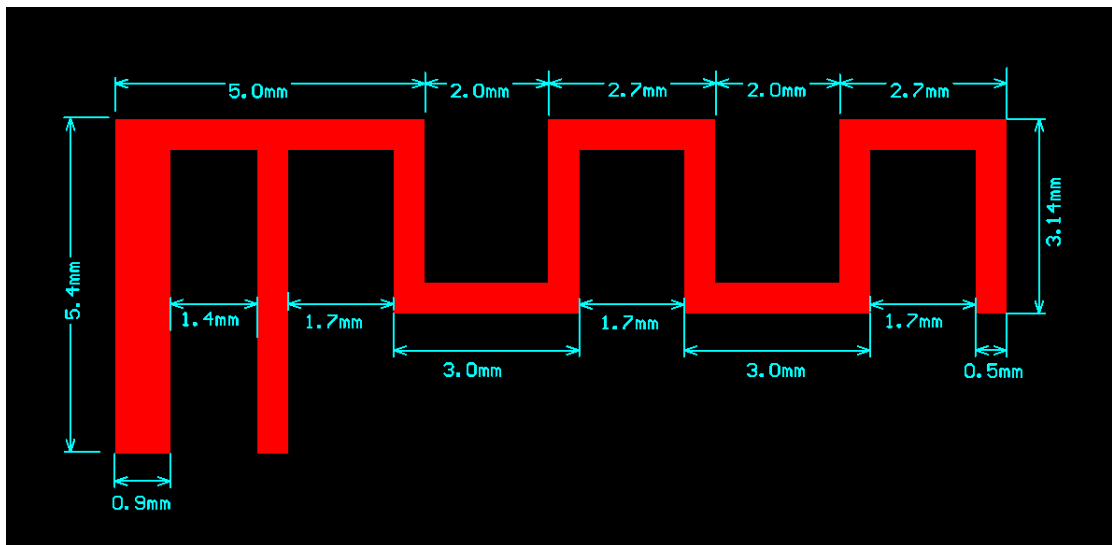


Antenna Specification

1. Summary

Manufacturer	Shenzhen Huapu Microelectronics Co., Ltd.
Address	Floor 30, Building 8, Zone C, Vanke Cloud City, Xili Street, Nanshan District, Shenzhen, China
Model	L5
Frequency Range	2400 – 2500 MHz
SVWR	≤ 2.00
Typical Antenna Gain	Maximum Gain is 1.00dBi
Antenna Type	PCB Antenna
Impedance	50 Ohm
Radiation	OMNI
Polarization	Linear

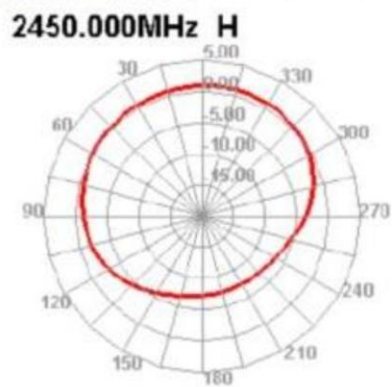
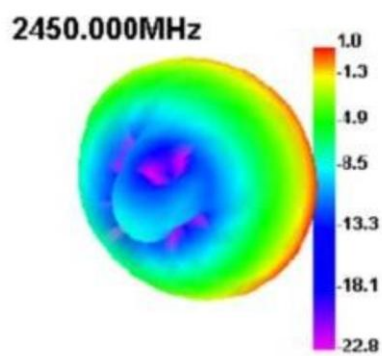
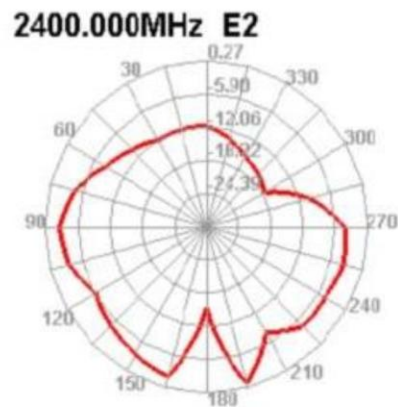
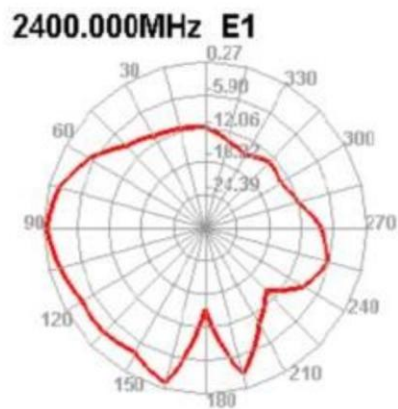
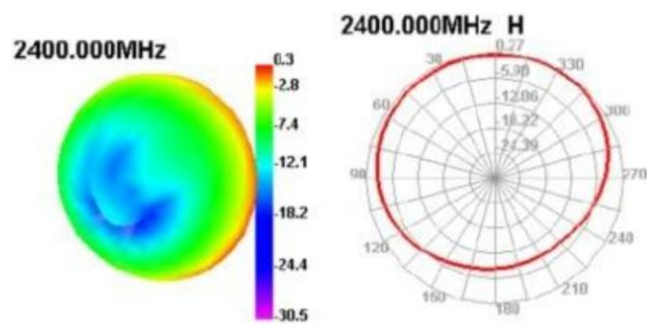
2. Antenna Dimension



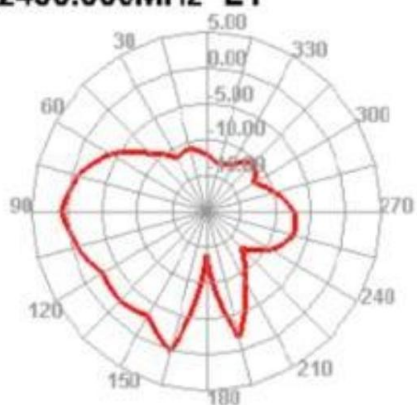
3. Antenna Gain and Efficiency

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	0.93	0.57	0.22	0.46	0.94	1.00	0.96	0.99	0.77	0.49	0.35
Efficiency (%)	78.12	74.05	68.13	68.11	72.41	75.45	81.12	81.42	74.98	67.55	65.23

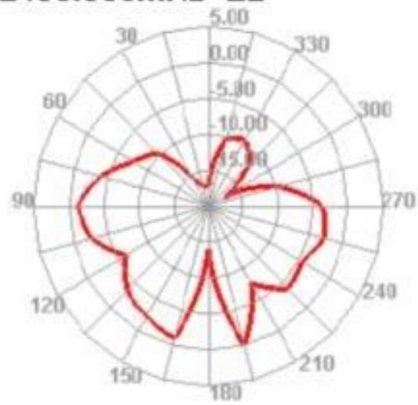
4. Radiation Pattern (3D)



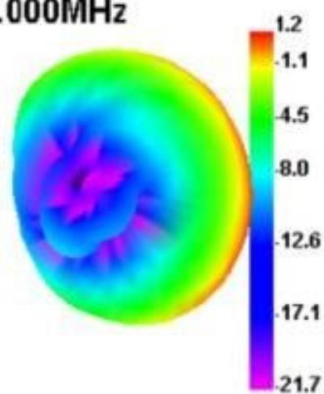
2450.000MHz E1



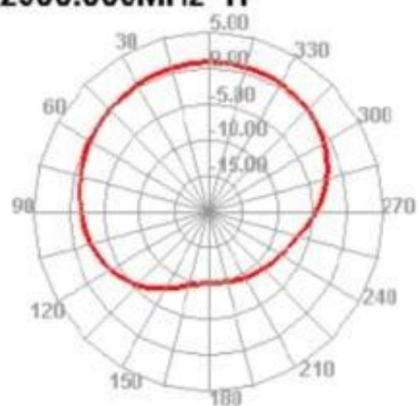
2450.000MHz E2



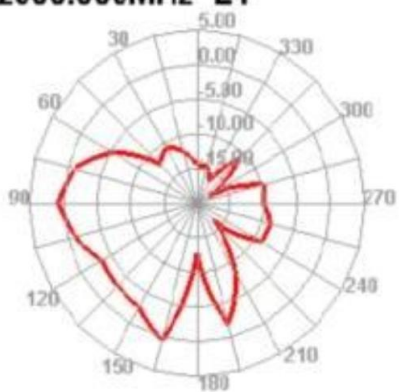
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

