



GLOBAL EAST ASIA TECHNOLOGY CO., LIMITED

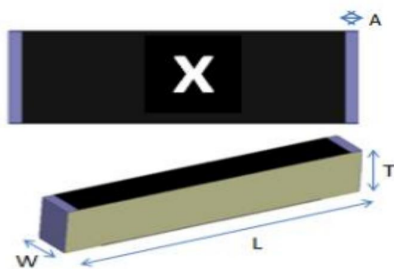
Product name: 2.4G&WiFi Bluetooth Chip antenna

Product model: GL-31H2450-S85

1.INTRODUCTION:

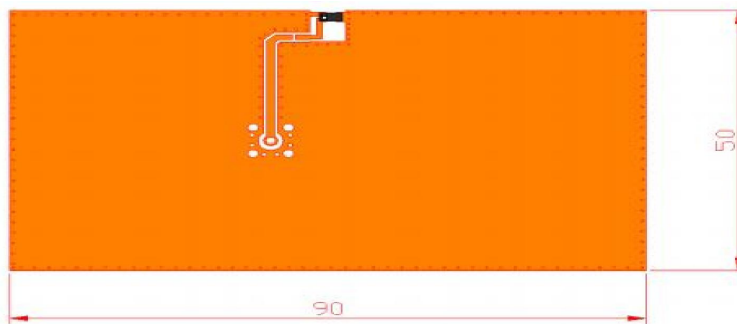
AISALEREN series products are designed for SMD chip design of WLAN, WiFi, Bluetooth, PHS, mobile phone multi- frequency antenna, FM and other small body volume.

2.Dimensions (Unit: mm)

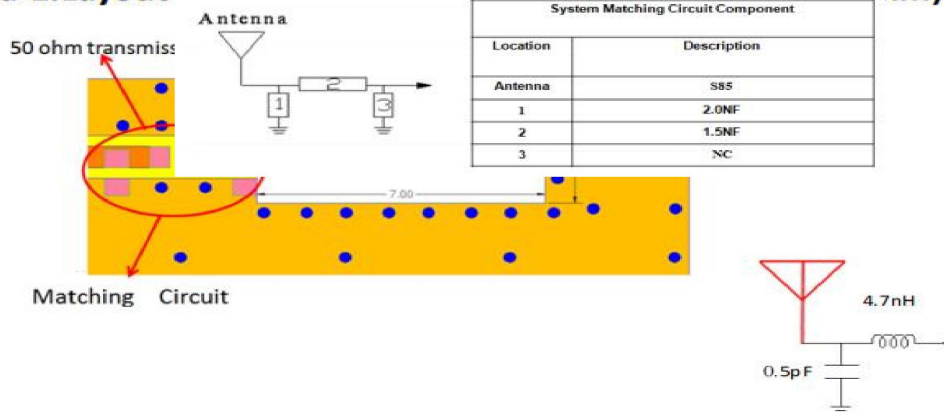


	Dimension (mm)
L	3.2 ± 0.20
W	1.6 ± 0.20
T	0.5 ± 0.10
A	0.4 ± 0.10

3.Evaluation Board and Matching Circuits



a-1.Layout



Add: Room826, Floor 8,BLDG 13, University Science Park(East), Zhengzhou City, P.R.Henan, China.

Tel: 86-371-60911368 Email:info@global-antenna.com

Web:http://www.asialeren.com http://www.global-antenna.com



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4.Electrical Characteristics

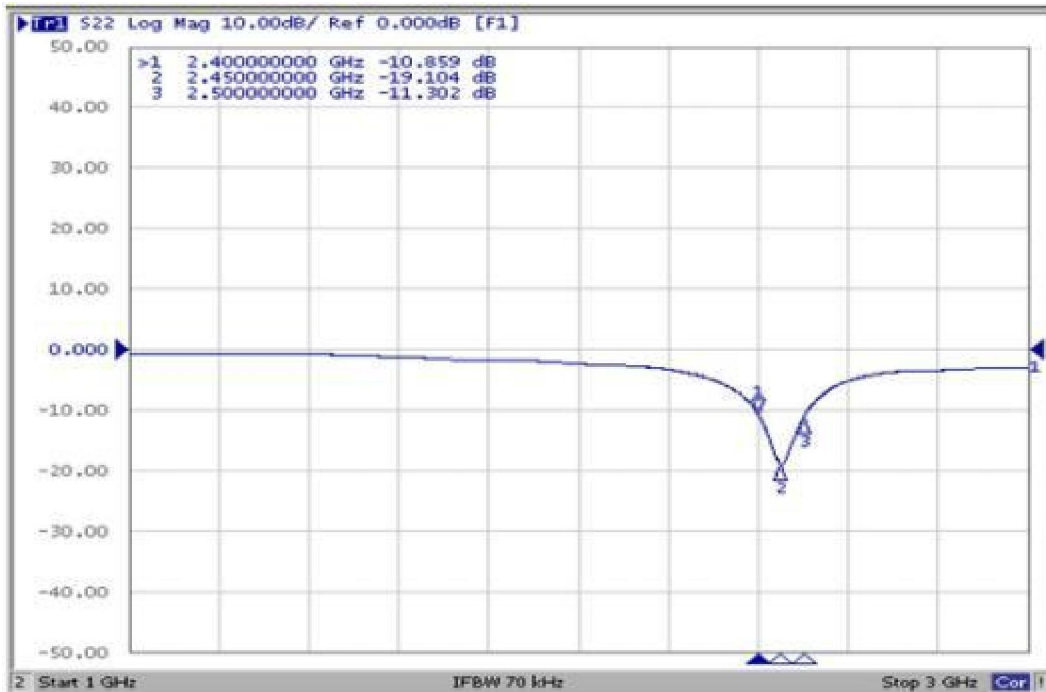
Specification		
Part Number	GL31H2450-S85	
Central Frequency	2450	MHz
Bandwidth	90 (Min.)	MHz
Return Loss	-9.6 (Max)	dB
Peak Gain	3.78	dBi
Impedance	50	Ohm
Operating Temperature	-40 ~ +85	°C
Maximum Power	1	W
Resistance to Soldering Heats	10 (@ 260°C)	sec.
Polarization	Linear	
Azimuth Beam width	Omni-directional	
Termination	Cu / Sn (Leadless)	

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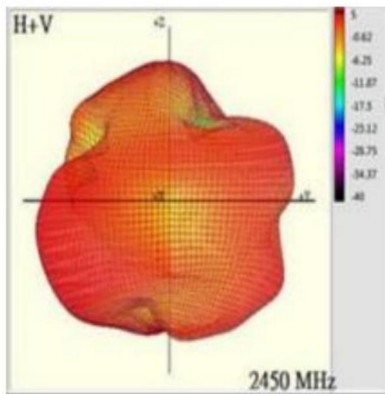
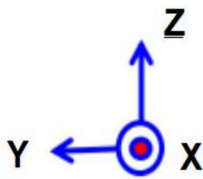


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5. VSWR



6. Radiation Pattern & Efficiency



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-1.67	-1.25	-1.49
Peck Gain (dBi)	1.81	3.78	2.69
Efficiency (%)	68	75	71

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