

Product specification

Quick Reference Data

Manufacturer	Lin Hang Da	
Antenna Type	Antenna module on the system board	
Frequency	2.45GHz*	
Vertical Polarization(dBi)	-2.5(XY-plane)	
Horizontal Polarization(dBi)	-1.5(XY-plane)	
Vertical Polarization(dBi)	-5.3(YZ-plane)	
Horizontal Polarization(dBi)	-1.2(YZ-plane)	

All the technical data and information contained herein are subject to change without prior

notice The approximate gain of this antenna is 0dBi Max.

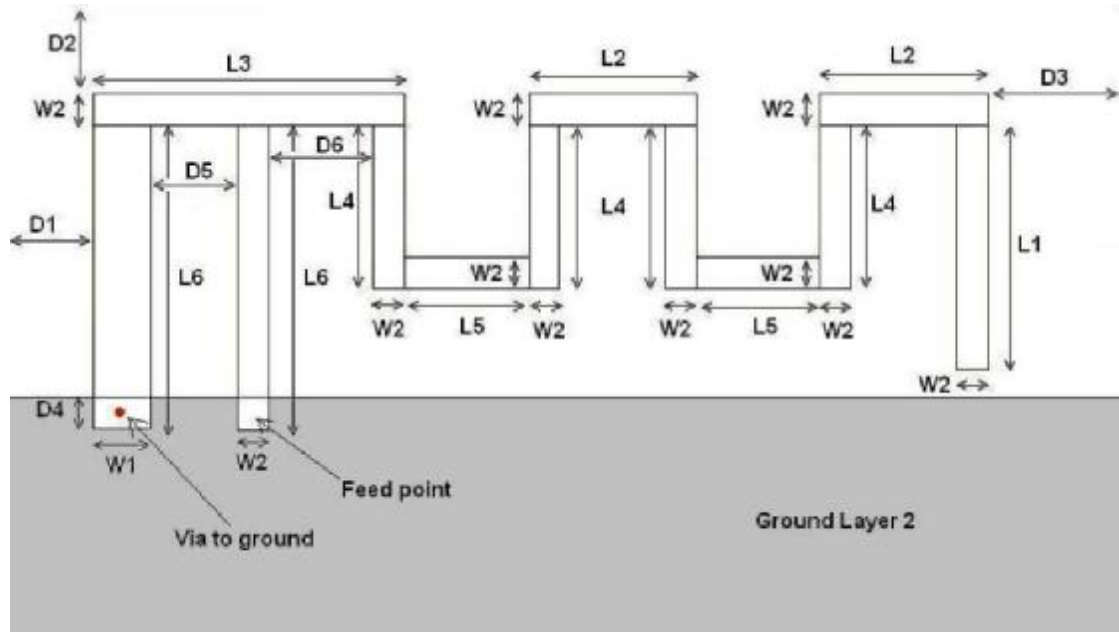
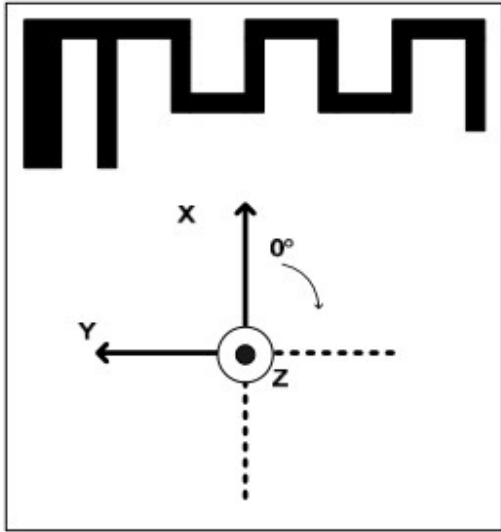
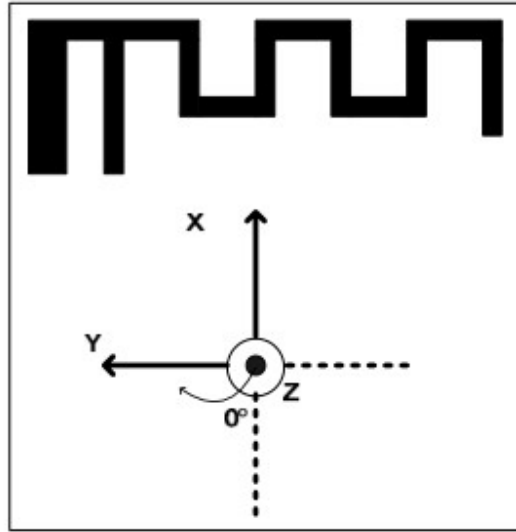


Figure 1: Antenna Dimensions

L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm



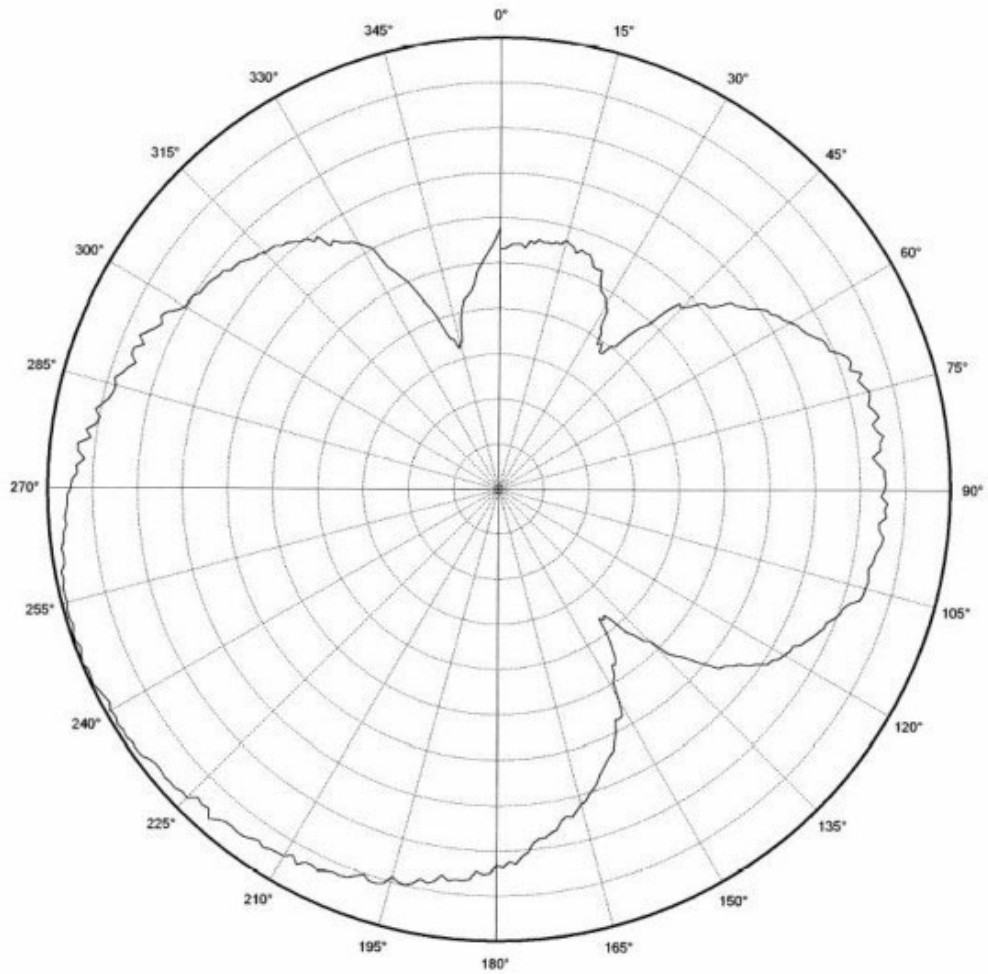
XY plane



YZ plane

Table 1: Antenna Dimensions

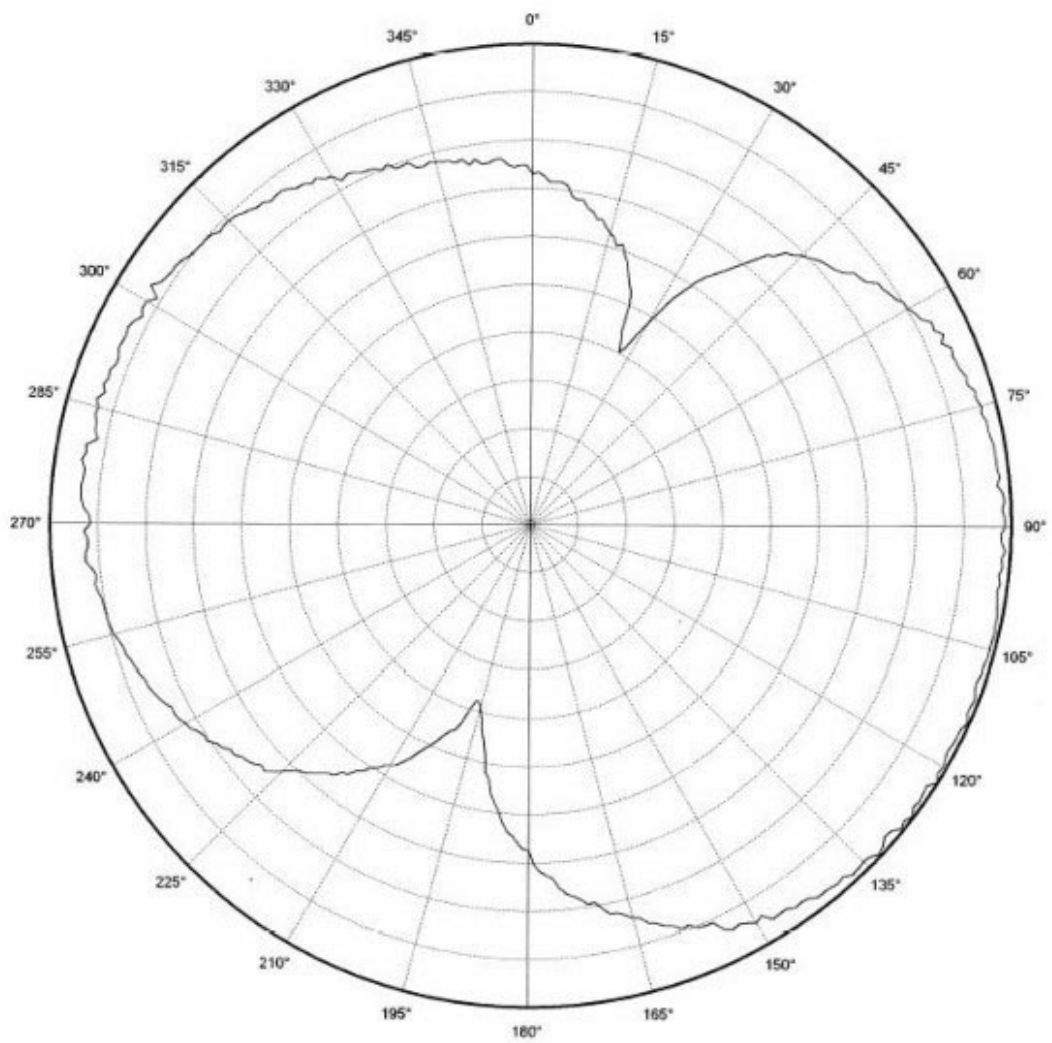
Figure 2 through Figure 5 shows radiation patterns for two planes, XY, YZ measured with vertical and horizontal polarization.



Vertical Polarization
XY

CF 2450.000 MHz
4 dB/ div
Ref Lev: -2.5 dBi

Figure 2: The radiation pattern for the antenna



Horizontal Polarization

XY

CF 2450.000 MHz

5 dB/ div

Ref Lev: -1.5 dBi

Figure 3: The radiation pattern for the antenna

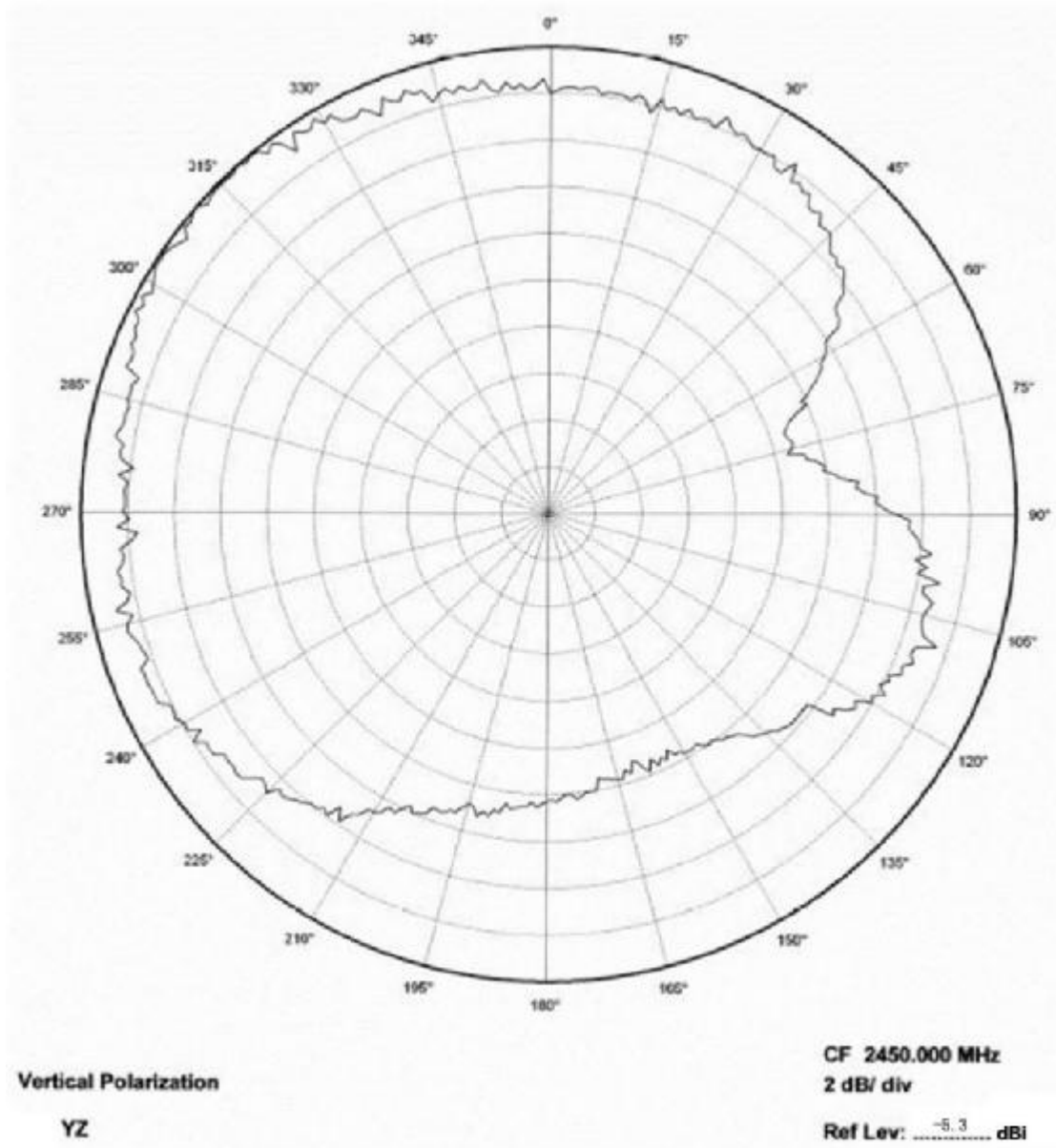


Figure 4: The radiation pattern for the antenna

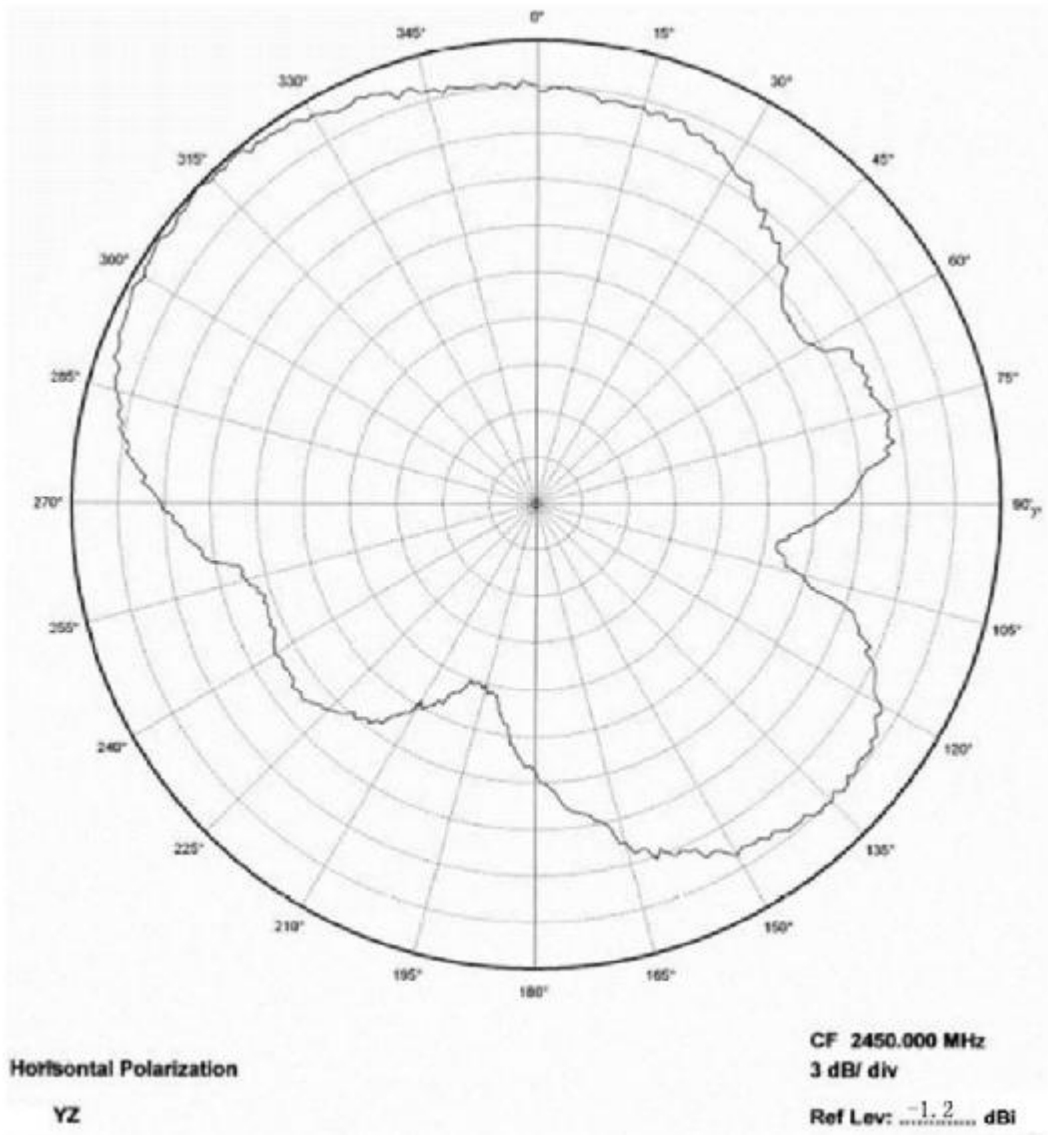


Figure 5: The radiation pattern for the antenna