

Product specification

Quick Reference Date

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

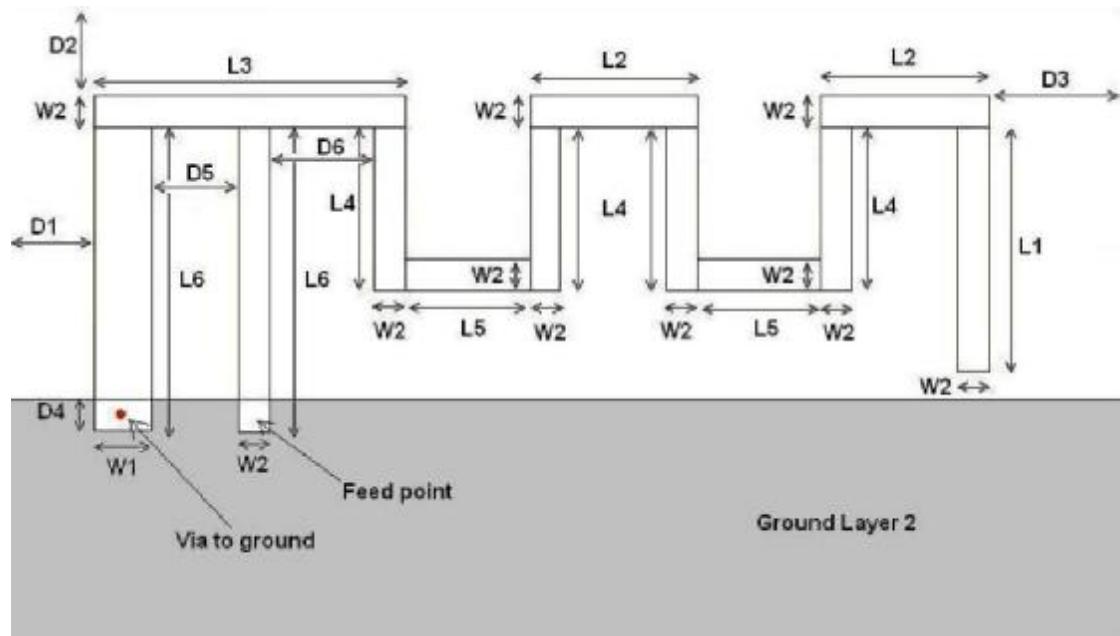


Figure 1: Antenna Dimensions

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

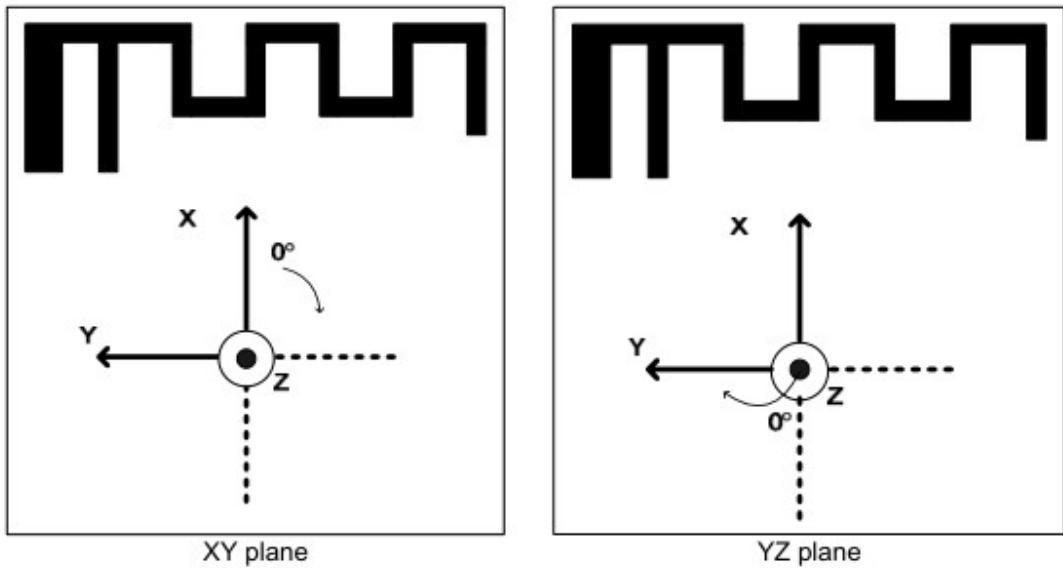
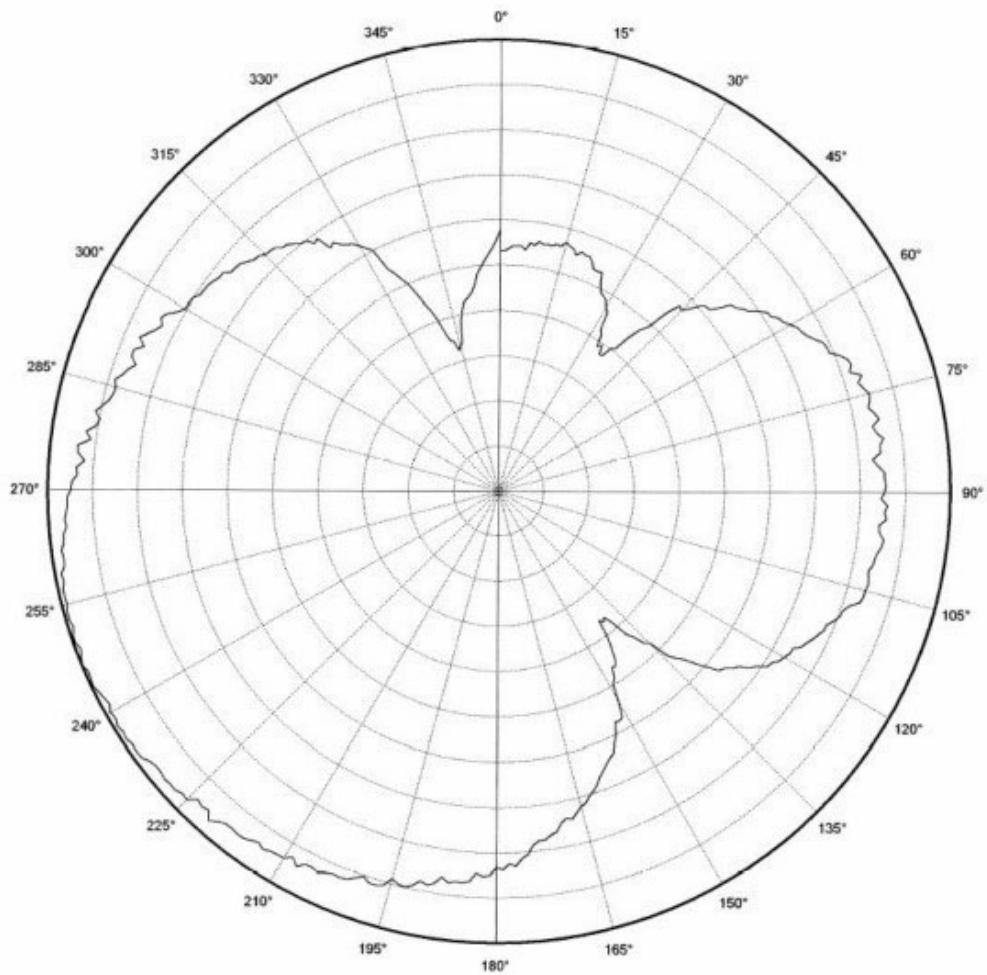


Table 1: Antenna Dimensions

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 dB

Figure 2: The radiation pattern for the antenna

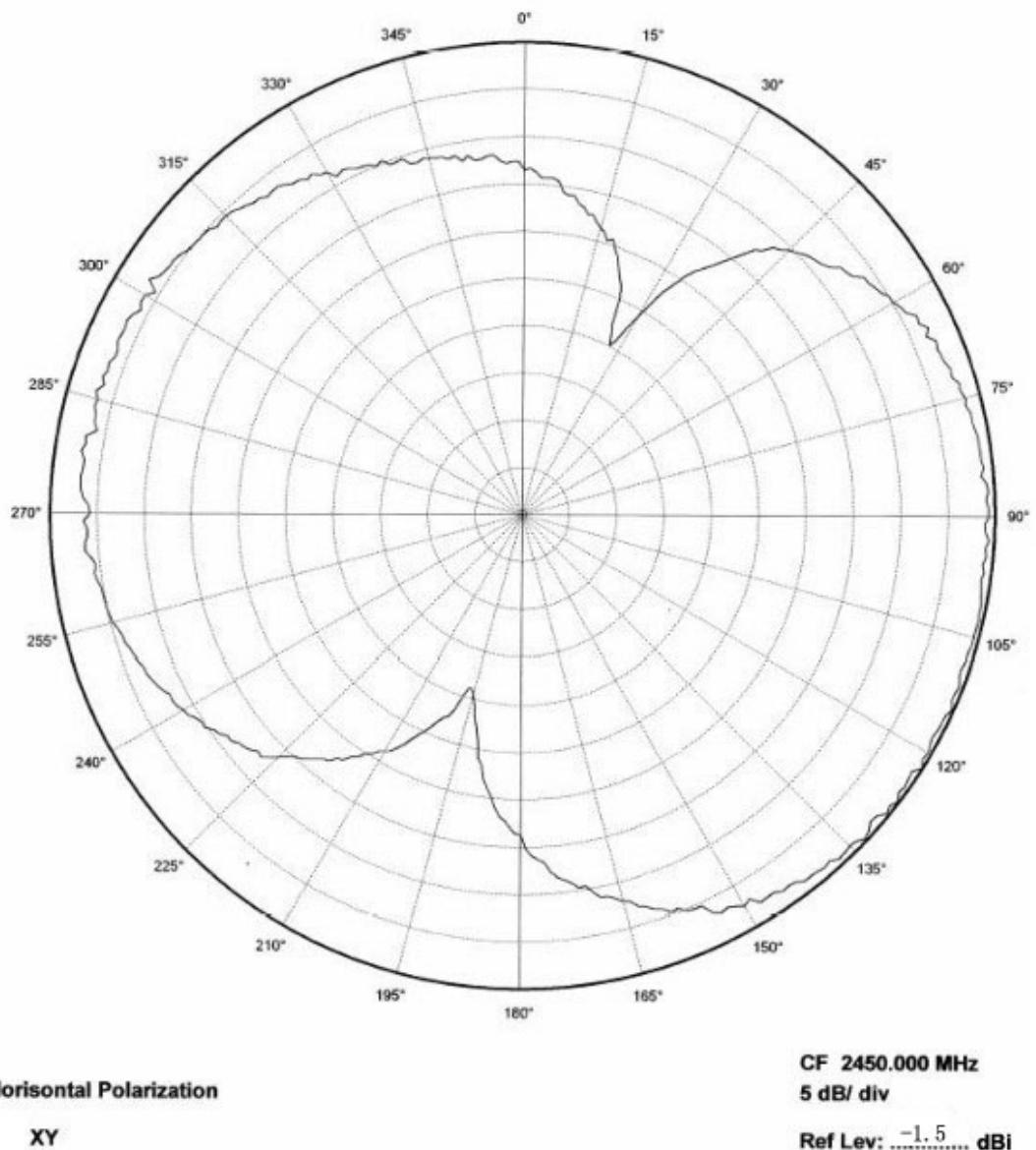
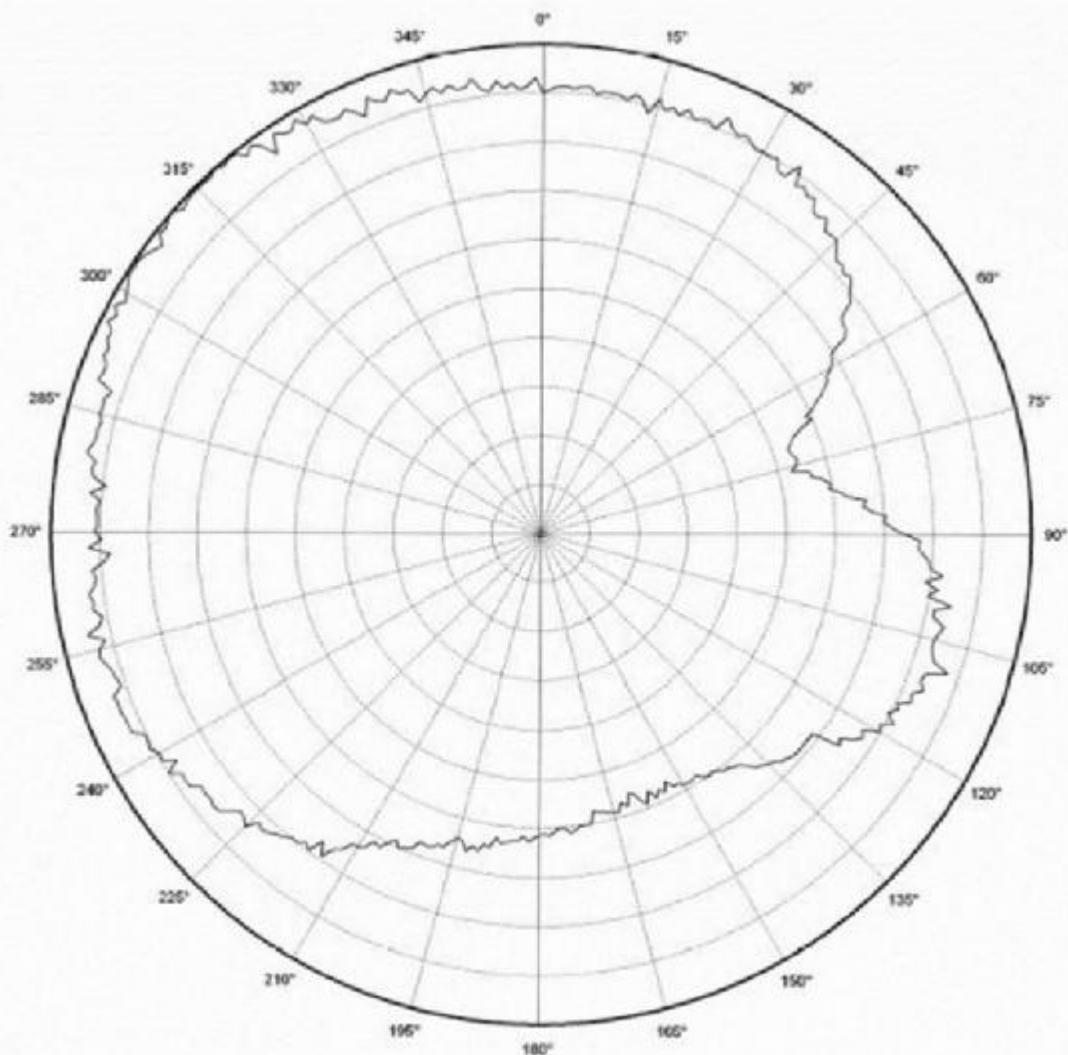


Figure 3: The radiation pattern for the antenna



Vertical Polarization

YZ

CF 2450.000 MHz

2 dB/ div

Ref Lev: -5.3 dBi

Figure 4: The radiation pattern for the antenna

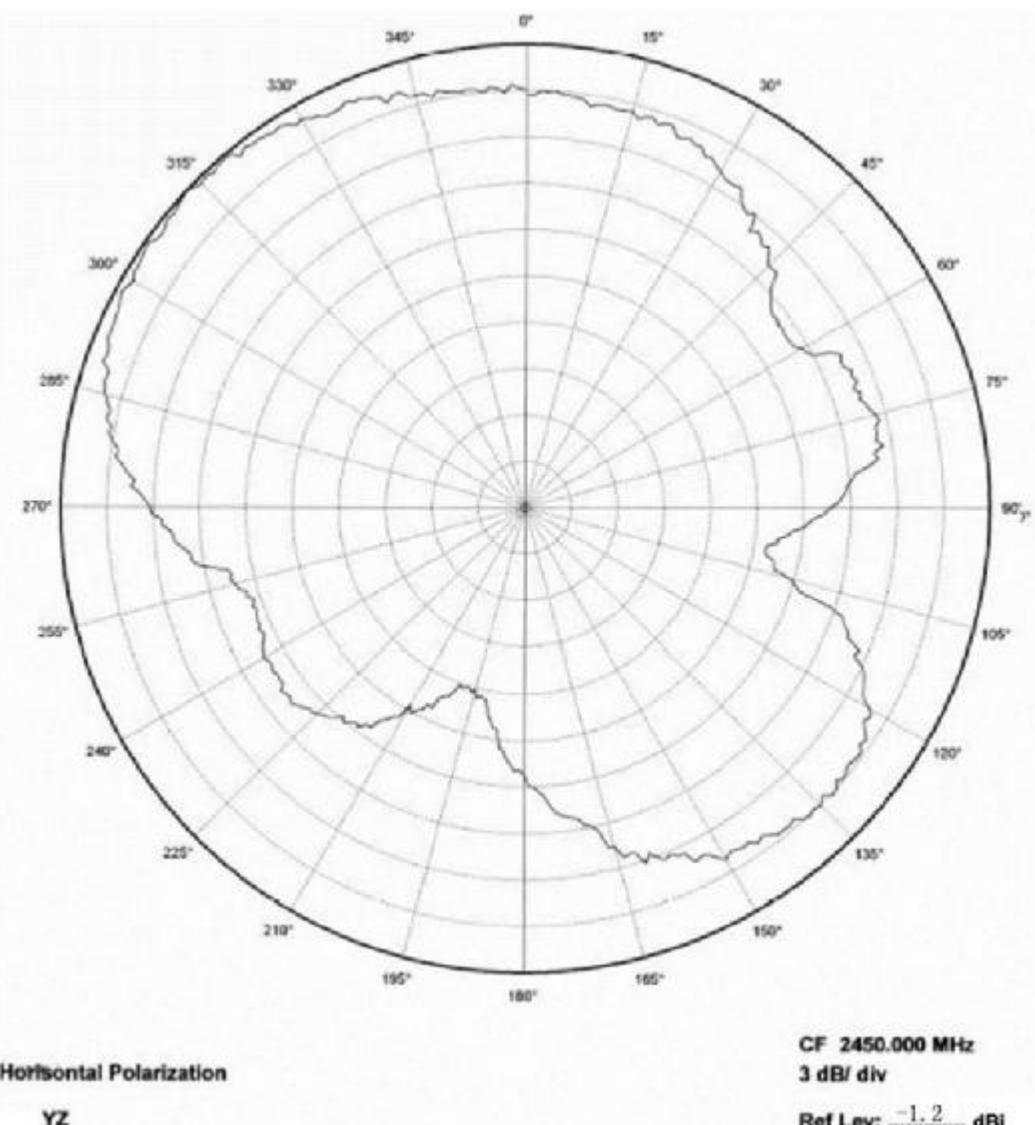


Figure 5: The radiation pattern for the antenna