

## Antenna Gain Report

Product ID: FB02

Antenna on the active tag

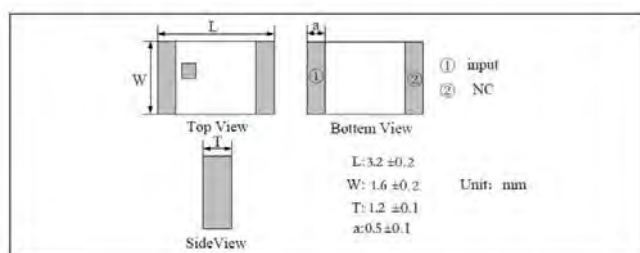


1.Manufacturer: Kinghelm

Address: Room C809, Block C, Zhantao Technology Building, No.

1079 Minzhi Avenue, Longhua District, Shenzhen

2.Antenna Dimension:



3.Electrical characteristics:

Center frequency (no matching): 2875MHz

Center frequency (after matching): 2450MHz

Antenna Type: 2.4G Patch Antenna

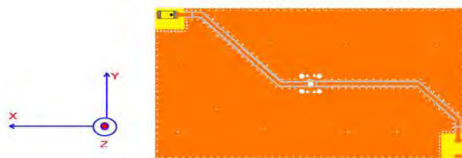
Peak Gain:5.19dbi

## 4.Characteristic curve

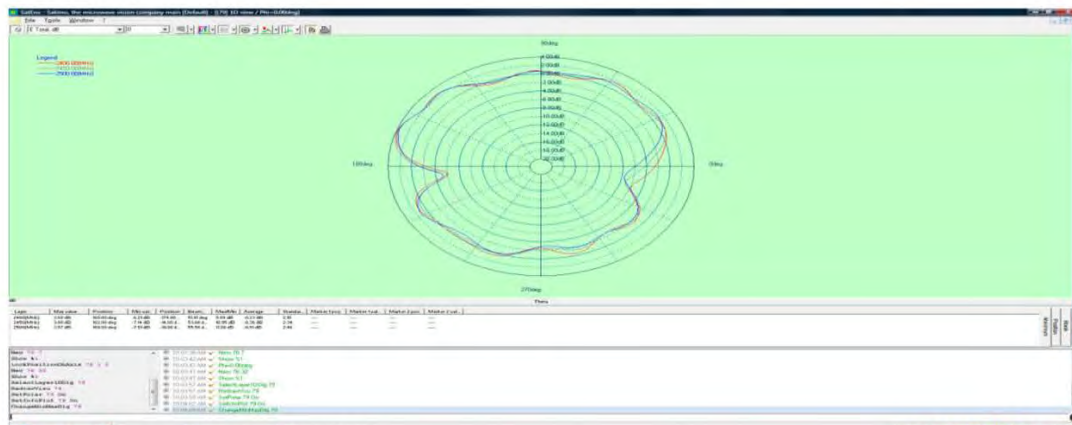


## 5.Radiation pattern

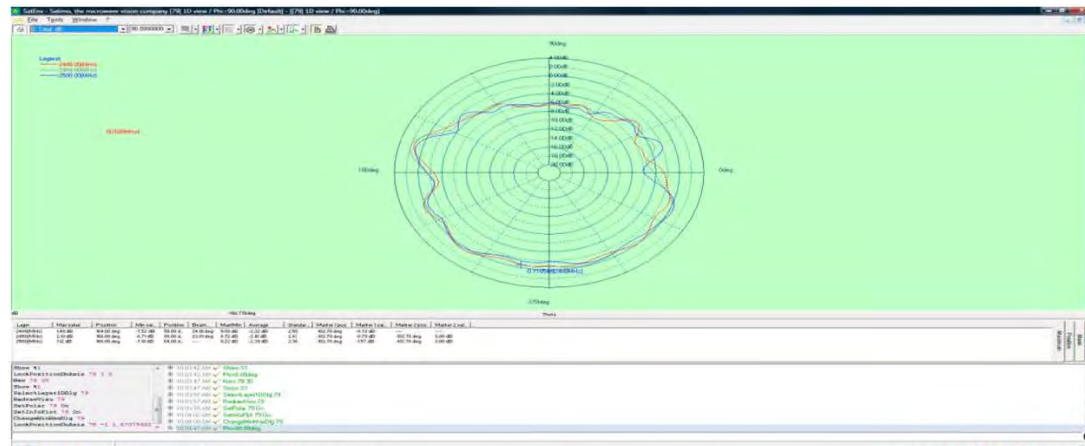
Coordinates:



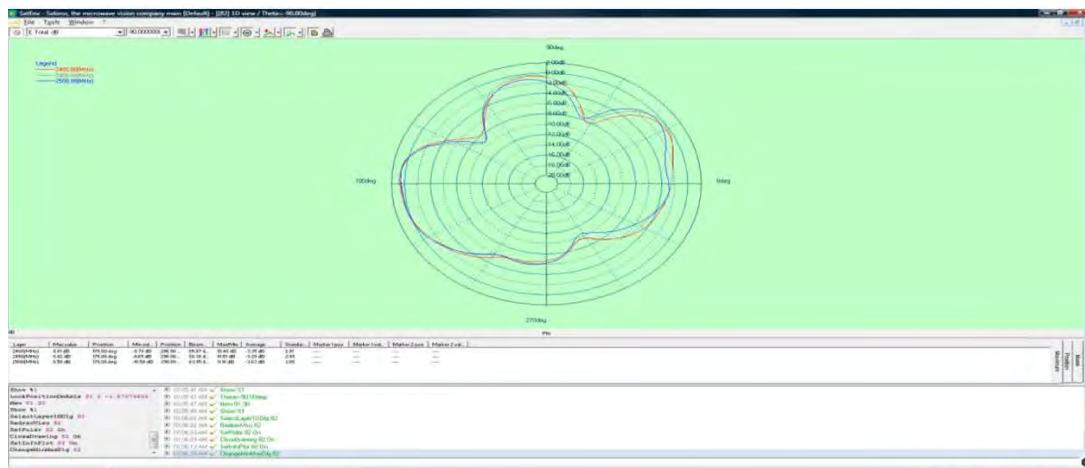
X-Z plane



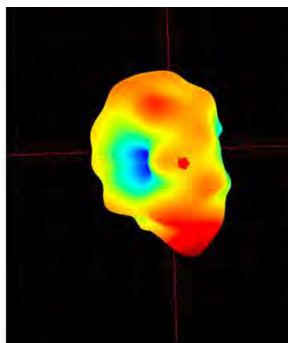
## Y-Z plane



## X-Y Plane



## 3D Radiation Pattern



Frequency (MHz)	2400	2450	2500
Avg. Gain (dBi)	-0.23	-0.36	-0.51
Peck Gain (dBi)	4.98	5.19	4.55