

## Antenna Gain Report

Product ID: FB02

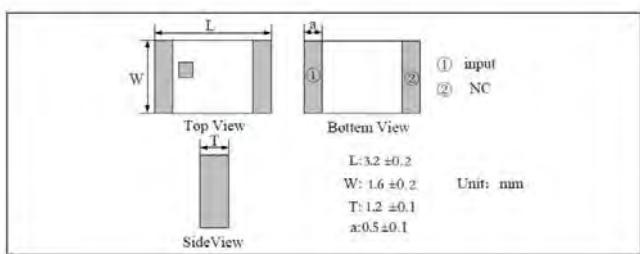
Antenna on the active tag



1. Manufacturer: Kinghelm

Address: Room C809, Block C, Zhantao Technology Building, No. 1079 Minzhi Avenue, Longhua District, Shenzhen

2. Antenna Dimension:



3. Electrical characteristics:

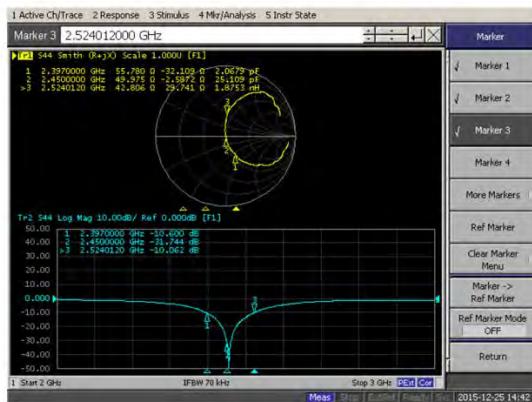
Center frequency (no matching): 2875MHz

Center frequency (after matching): 2450MHz

Antenna Type: 2.4G Patch Antenna

Peak Gain: 5.19dbi

## 4. Characteristic curve

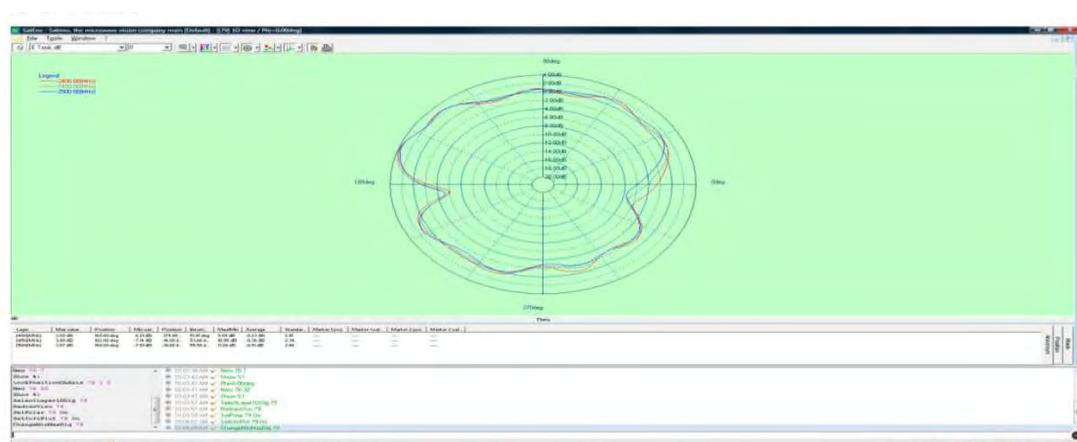


## 5. Radiation pattern

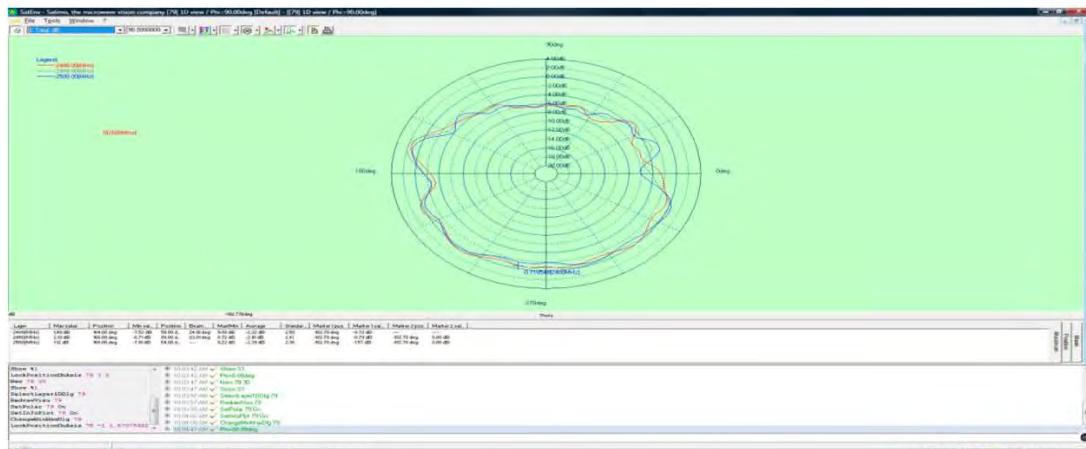
Coordinates:



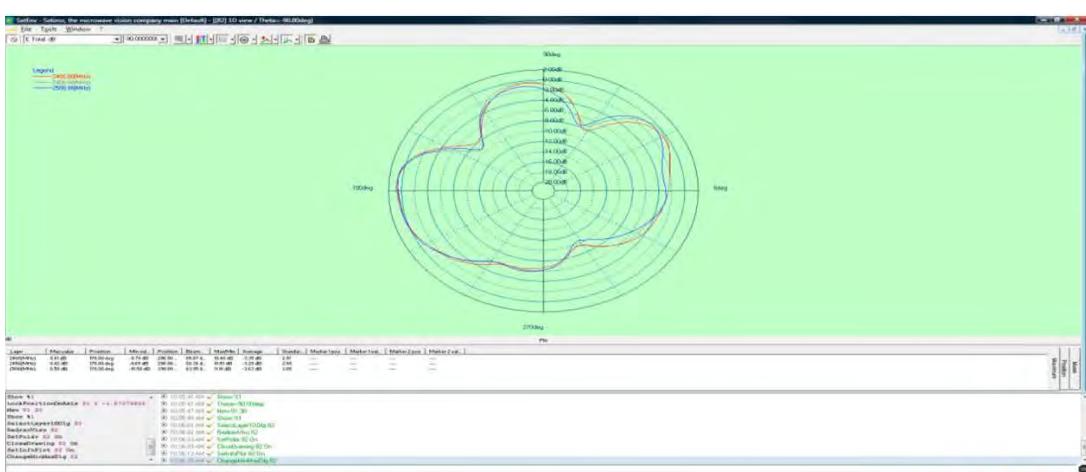
X-Z plane



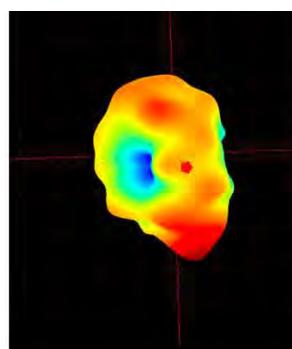
## Y-Z plane



## 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