

Module Bluetooth Antenna Specification

1. Antenna Description

Product Name: LE ANT B

Model: L EANT B

Trade Name: BestCore

HW Version: /

SW Version: /

Frequency Ban: 2400MHz-2500MHz

Manufacturer: Guangdong BestCore Internet of Things Technology Co., Ltd.

2. Antenna picture on the PCB borad

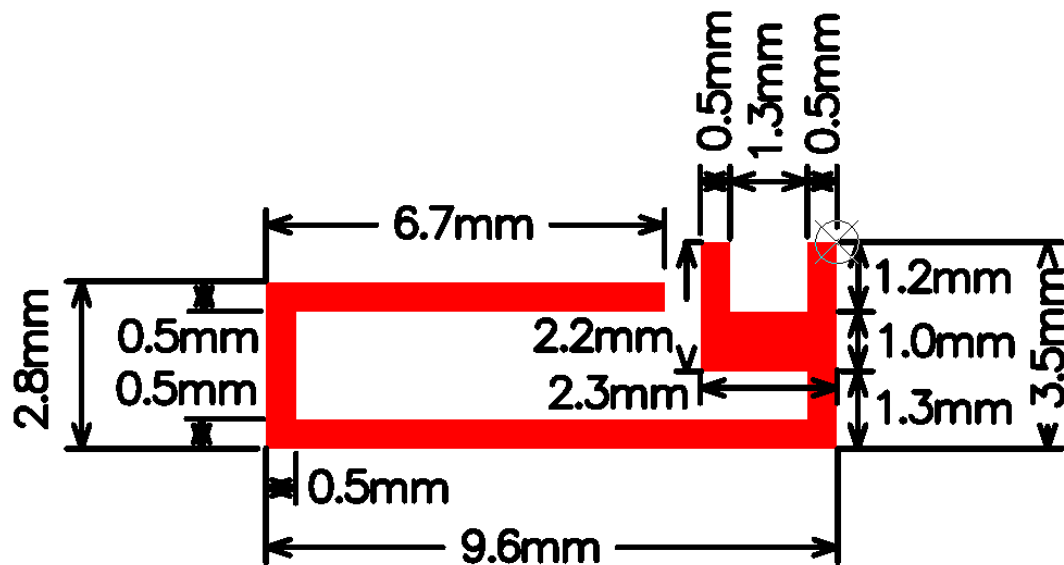
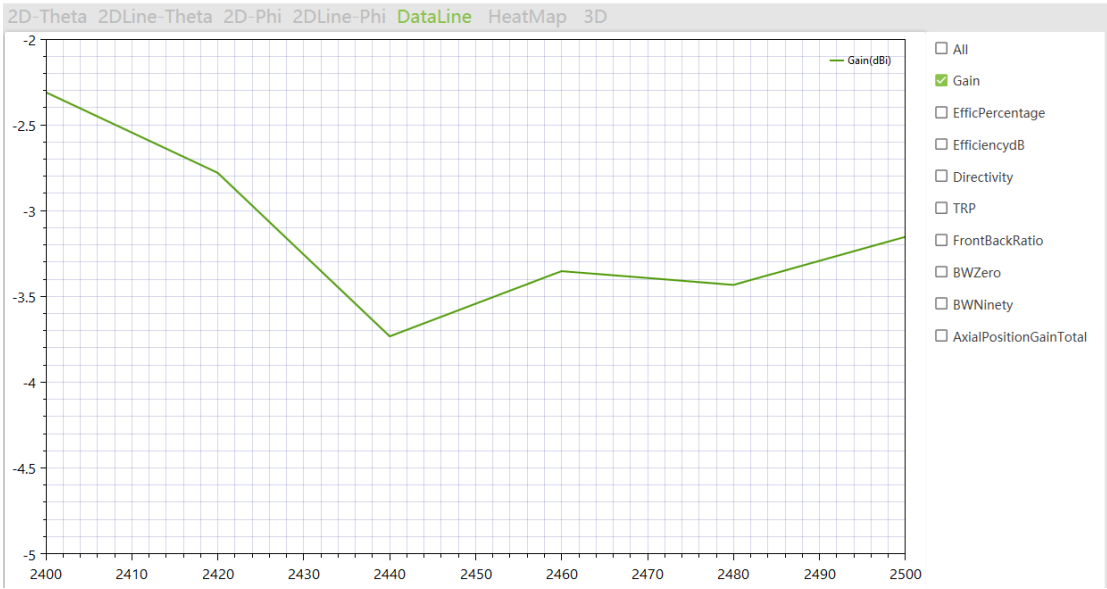


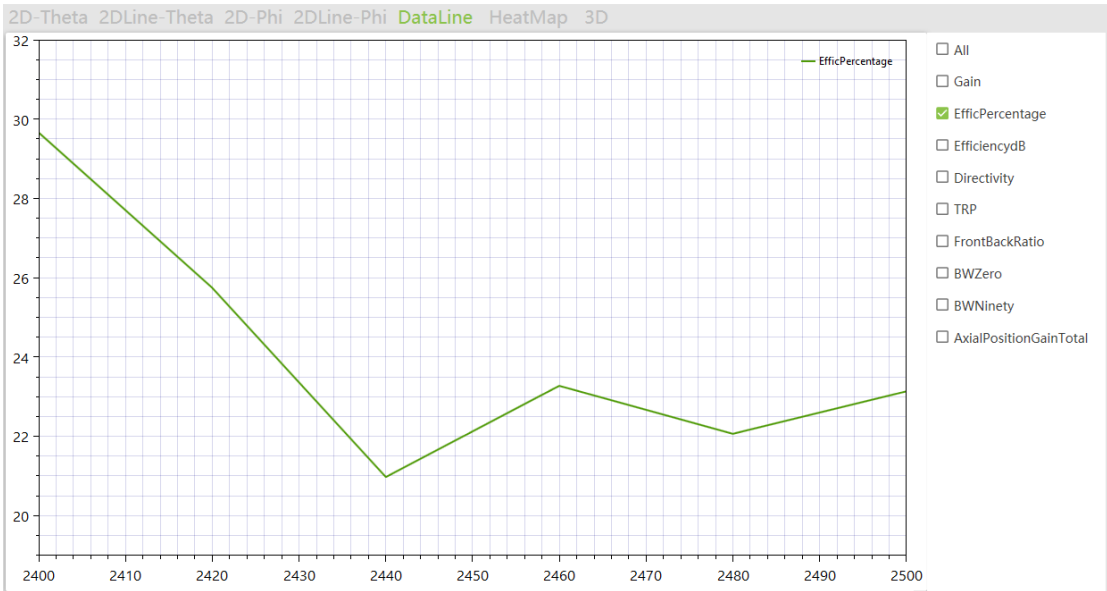
Table 1. Antenna Performance Test

Frequency(MHz)	Gain(dBi)	Efficiency(%)
2400	-2.309	29.66%
2420	-2.777	25.74%
2440	-3.726	20.97%
2460	-3.349	23.27%
2480	-3.432	22.06%
2500	-3.147	23.13%

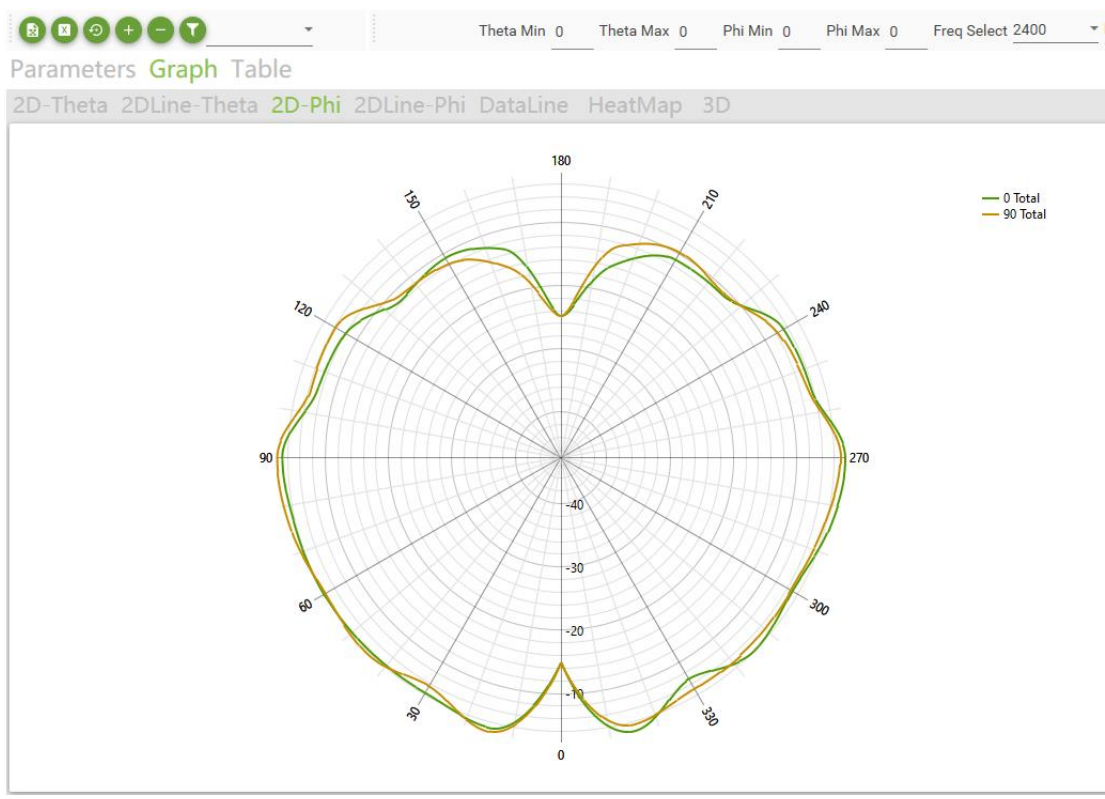
3. Gain result plot



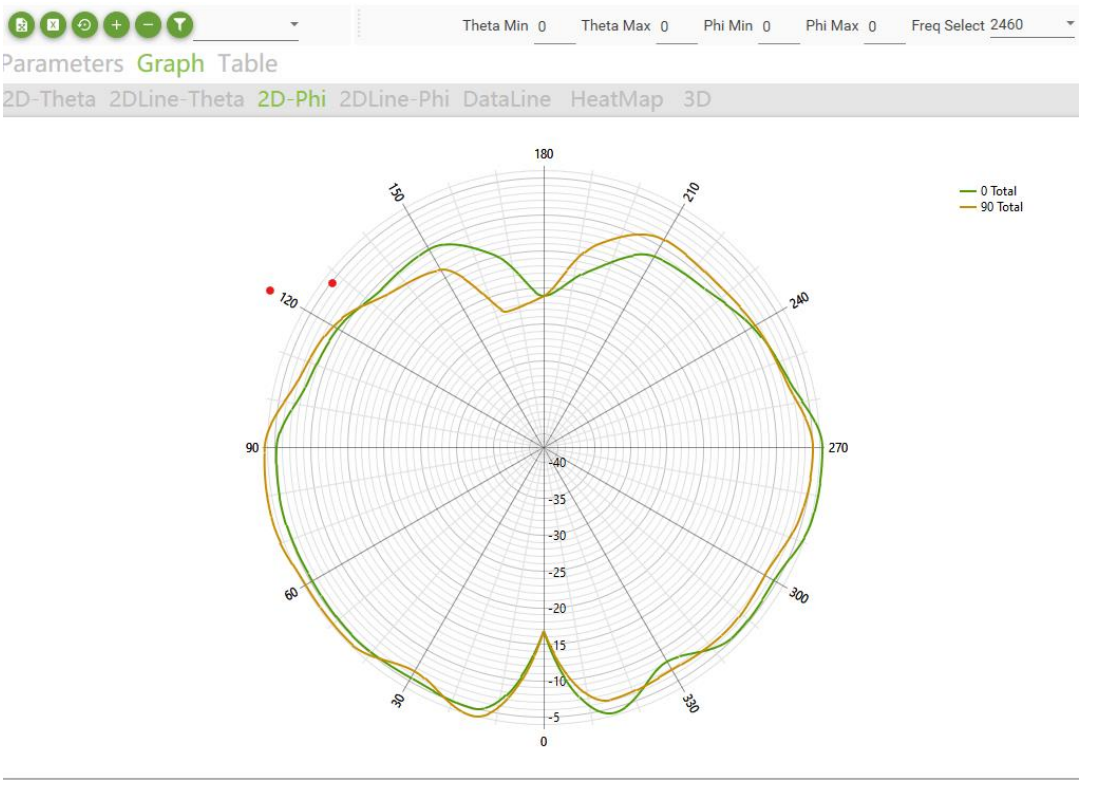
4. Efficiency result plot



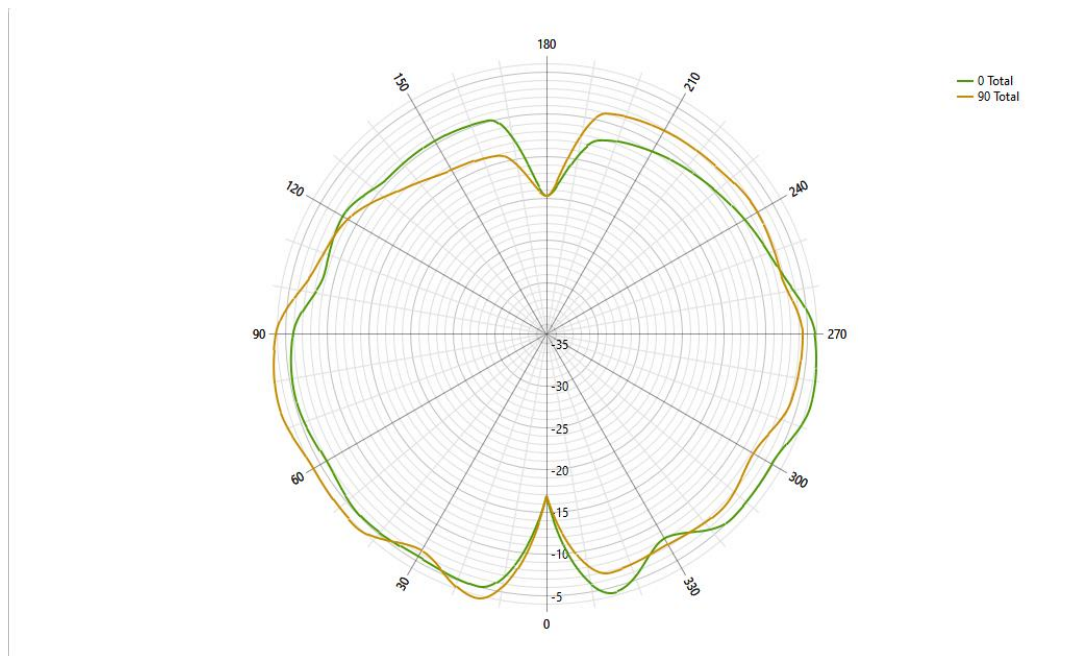
2D Radiation pattern



Phi=0 & Phi=90 °_2400MHz



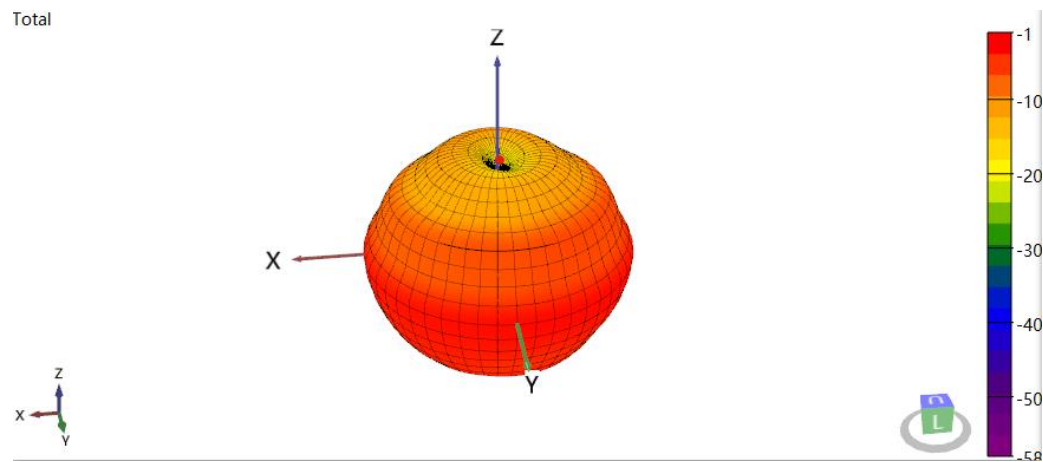
Phi=0 & Phi=90 °_2460MHz



Phi=0 & Phi=90 °_2500MHz

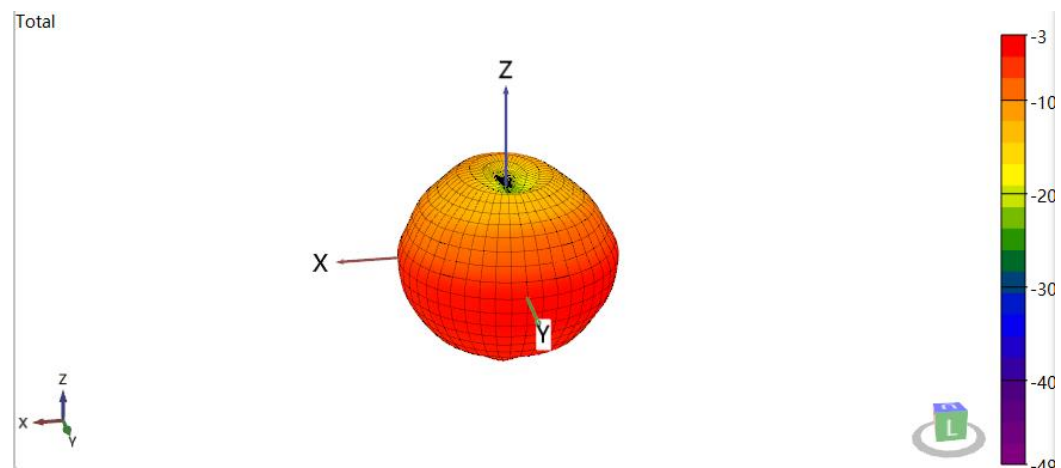
3D Radiation pattern

Total



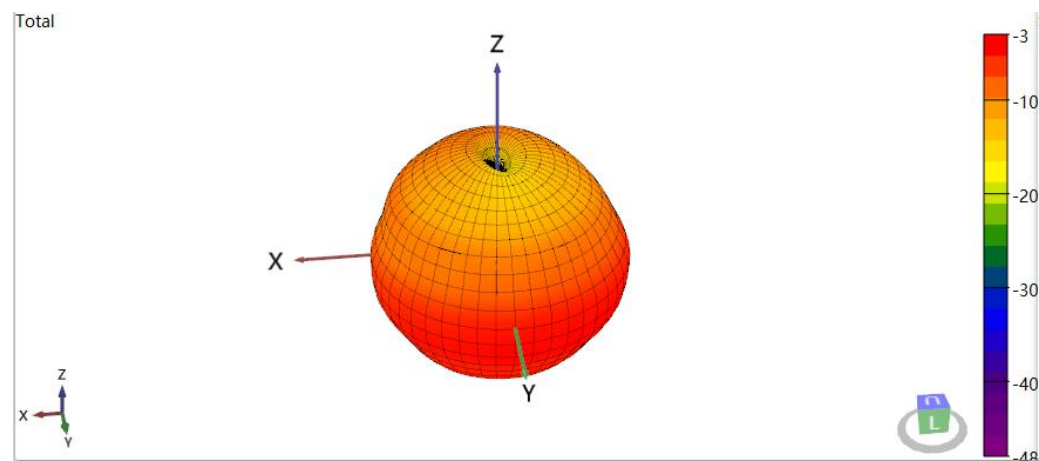
2400MHz

Total



2460MHz

Total



2500MHz