

Module Bluetooth antenna specification

1.Antenna Description

Product Name: LE ANT B

Model: L EANT B

Trade Name: ONEWAVE

HW Version: /

SW Version: /

Antenna Type: Chip antenna

Frequency Ban: 2400MHz-2500MHz

Antenna Size: 2.05X1.23mm (±0.2mm)

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

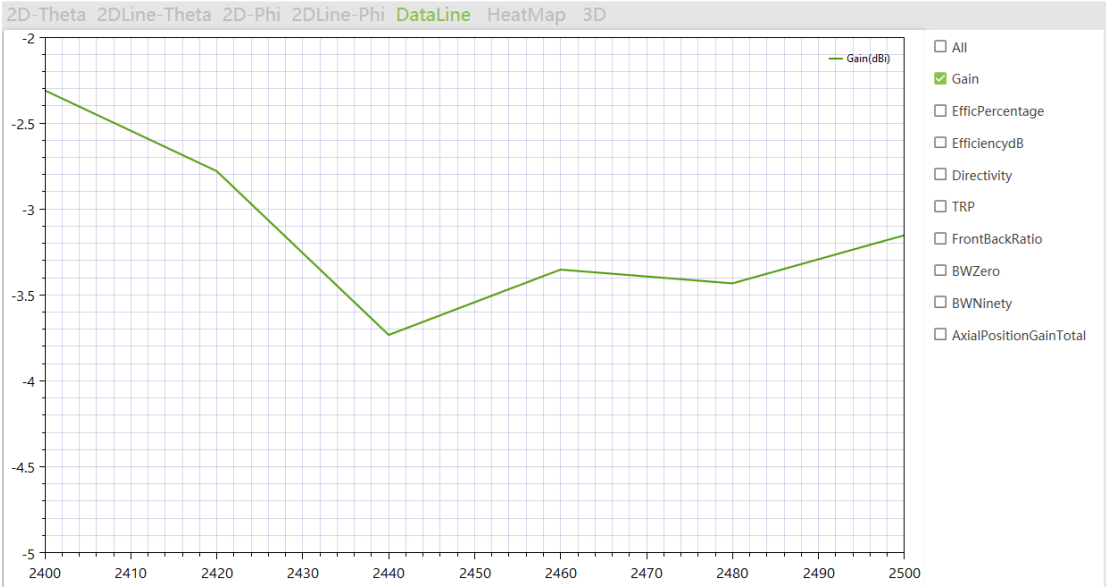
Address: 2F., No.163, Sec. 1, Xi'an St., Beitou Dist.,

Taipei City 112, Taiwan

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%

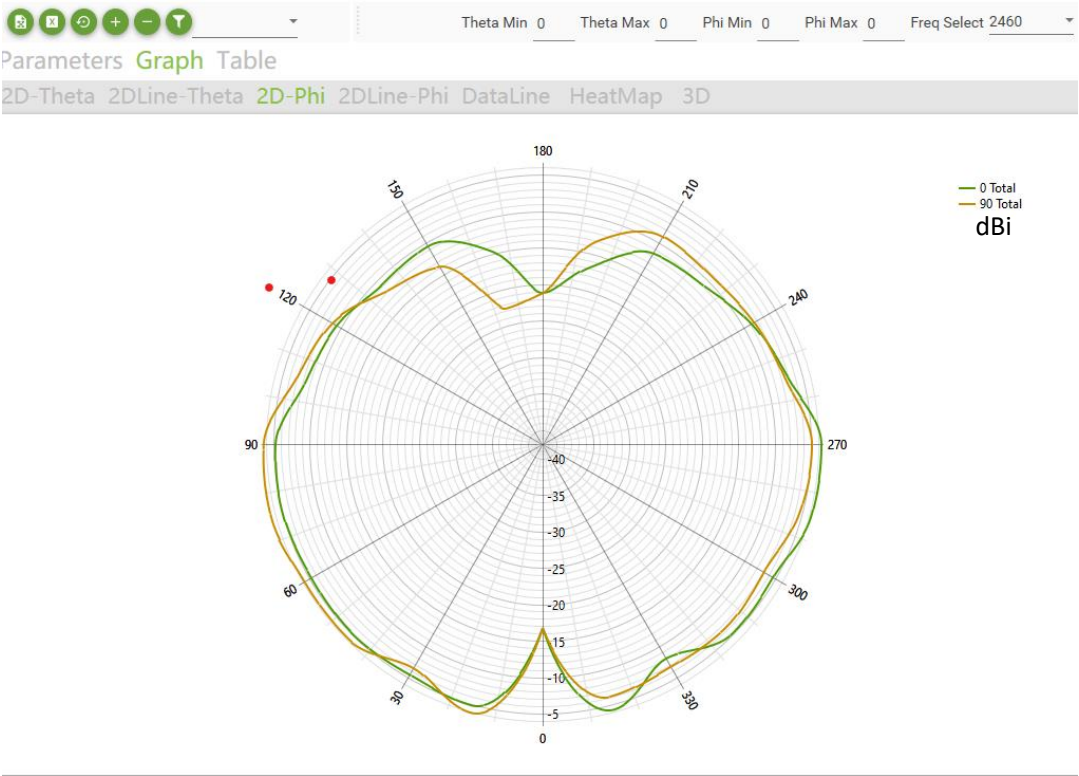
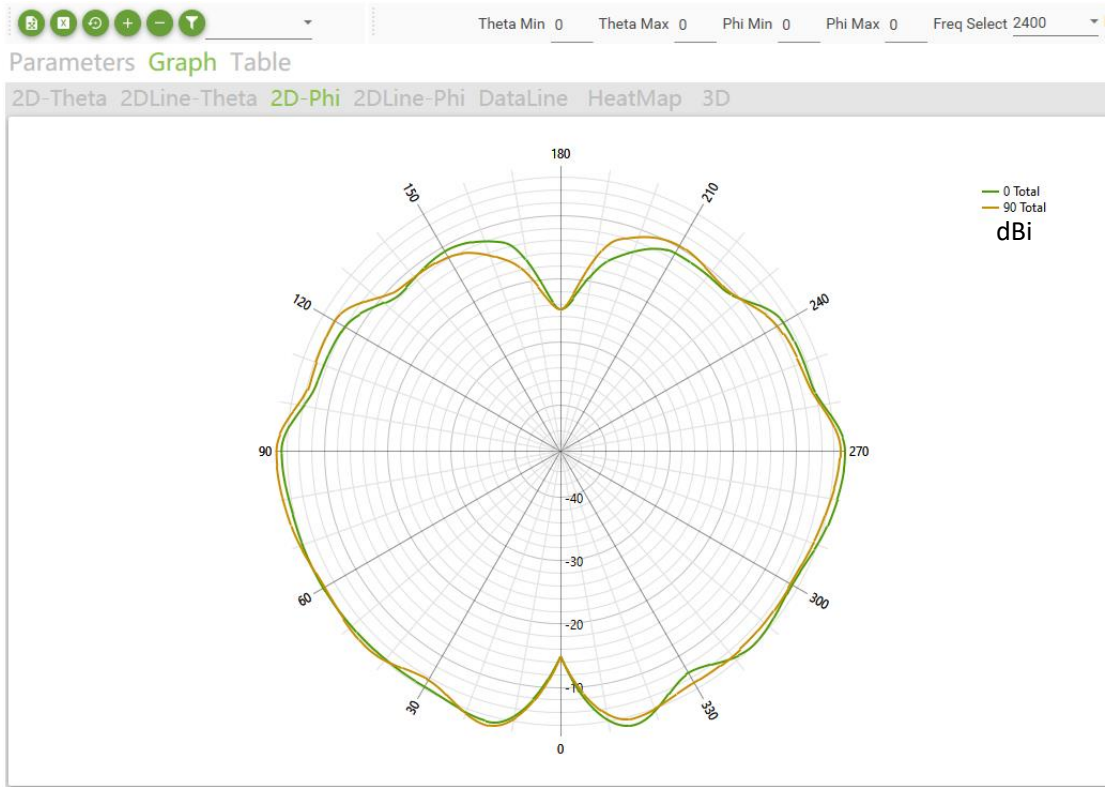
2. Gain result plot

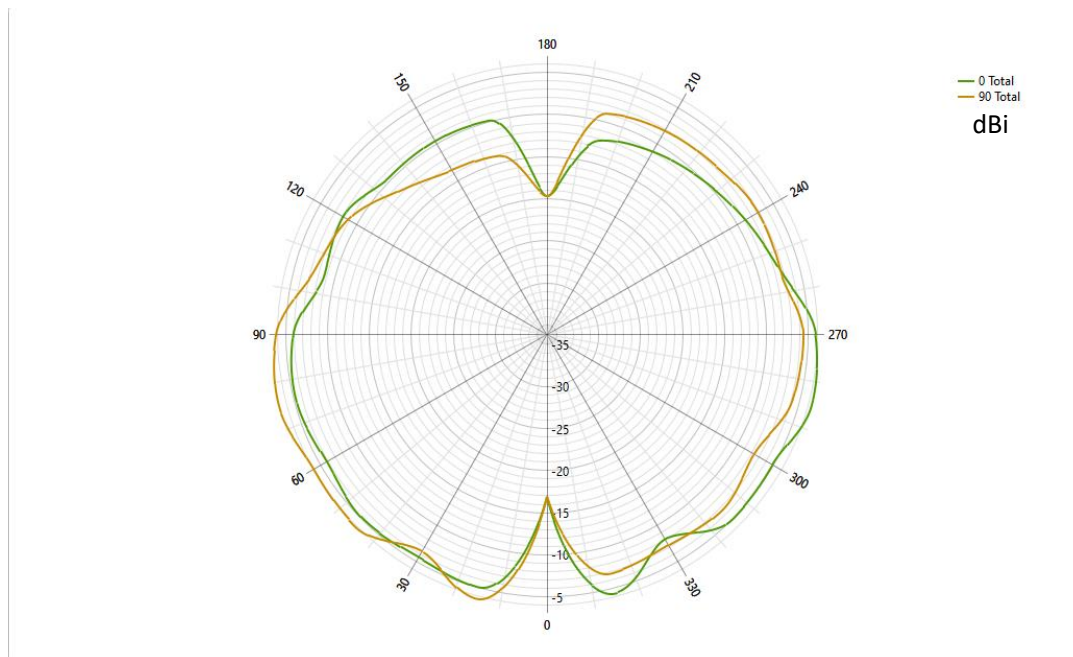


3. Efficiency result plot



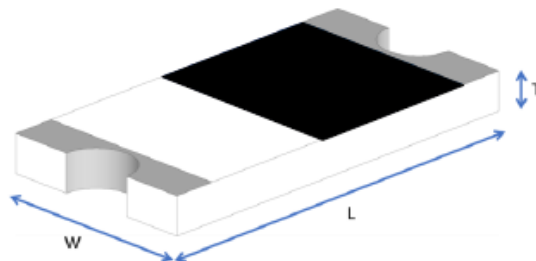
2D Radiation pattern





Phi=0 & Phi=90 °_2500MHz

For Bluetooth / WLAN Applications



	Dimension (mm)
L	2.05 ± 0.20
W	1.23 ± 0.20
T	0.45 ± 0.20