

Bluetooth Antenna

Revision History: 2012-5-4

Rev.A0

1. MODEL: BeFun

P/N (料号): E12-01542-01

2. Applications

This antenna is designed for Bluetooth and it's suitable for Bluetooth Speaker.

3. Electrical Characteristics

Frequency Band: 2400MHz~2500MHz

Polarization *Gain :

Max peak gain: 0.65 dBi

Typ peak gain: 0 dBi

Impedance: 50Ω

Material: Cable Wire 80mm 28# 1 pin Black UL1007

Feature: This is a Cable Wire BT antenna. $\lambda/4$ double pole type.

Product Description :

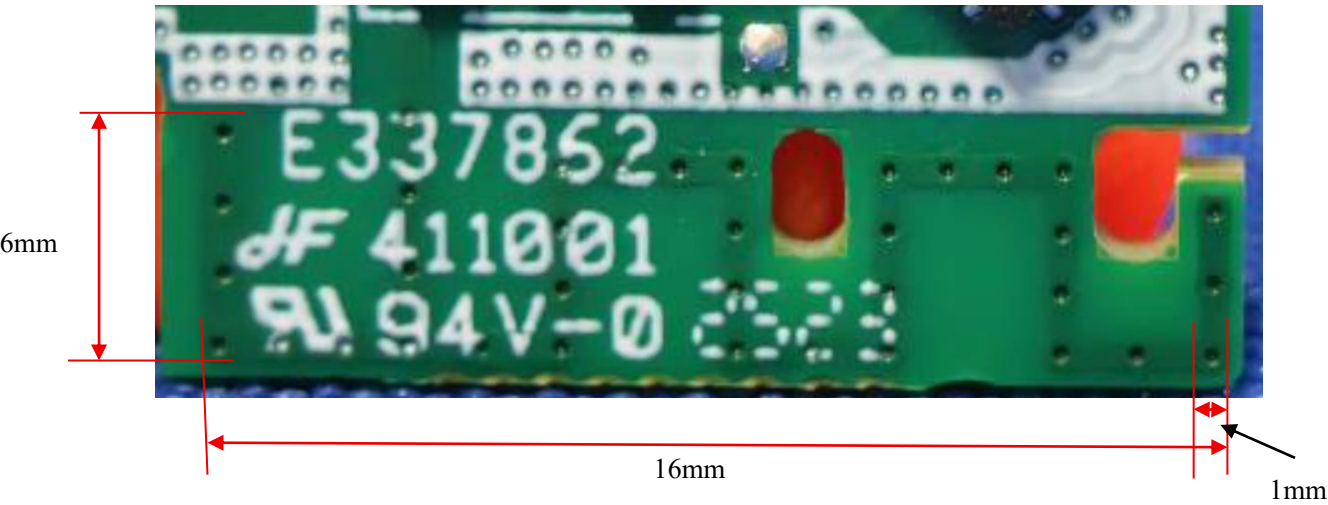
- Bare or tinned, stranded or solid copper conductor, 30-16 AWG.
- Color-coded PVC insulation.
- Rated temperature: 80°C, Rated voltage: 300 Volts.
- Passes UL VW-1 & cUL FT1 vertical flame test.
- Uniform thickness of wire to ensure easy stripping and cutting.

◀ 說明 :

- 導體使用裸銅或鍍錫銅, 單條或絞線, 30-16AWG.
- PVC 絕緣.
- 額定溫度: 80°C, 額定電壓: 300 Volts.
- 可通過 UL VW-1 及 cUL FT1 垂直耐燃測試.
- 使用標準厚度, 易剝, 截斷容易.

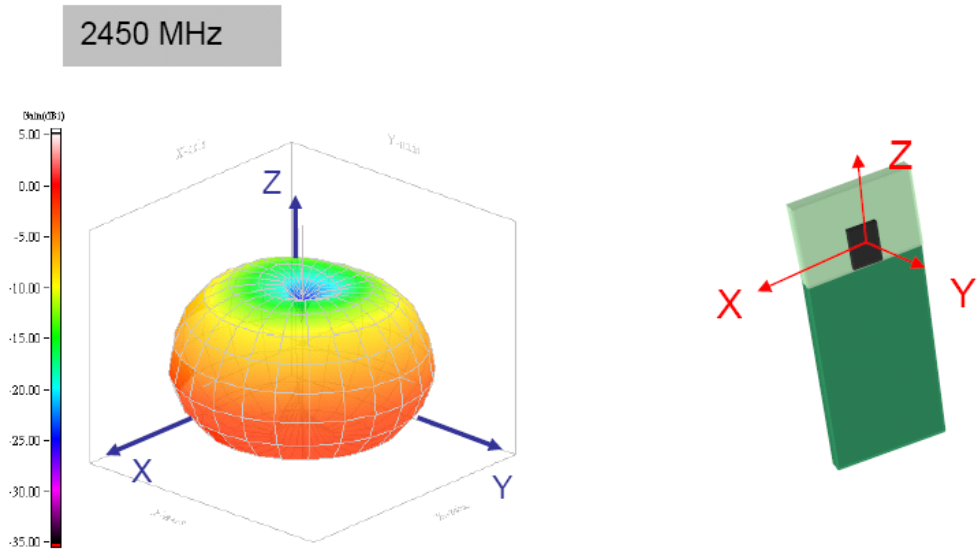
Prepared	Checked	Approved
liang	wangyuhua	kenny

4. Antenna Dimension



5. Typical Free Space Radiation Pattern

3D Radiation Pattern

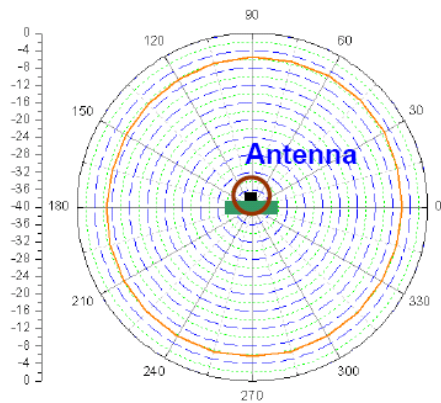


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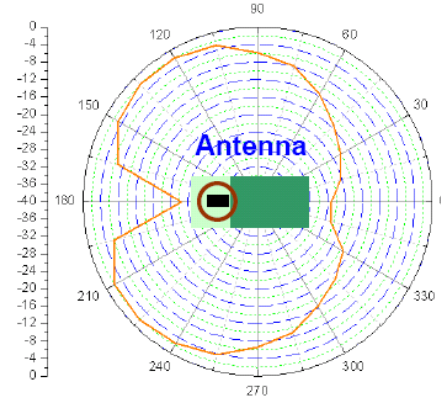
6. Typical Free Space Radiation Pattern

2D Radiation Pattern

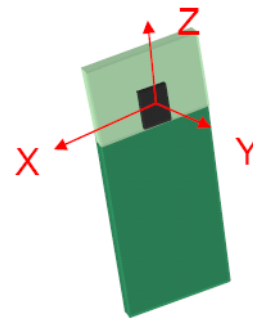
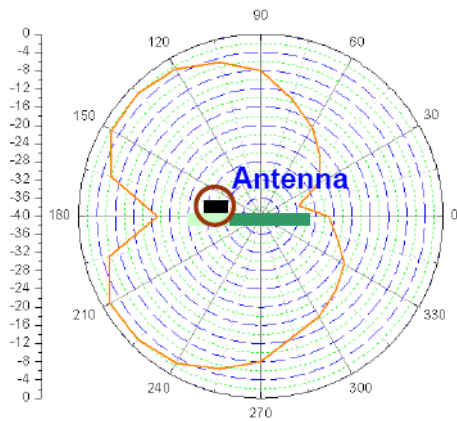
X-Y Plane 2450 MHz



X-Z Plane 2450 MHz



Y-Z Plane 2450 MHz



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