



# 蓝牙天线规格

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深圳市芯海科技有限公司

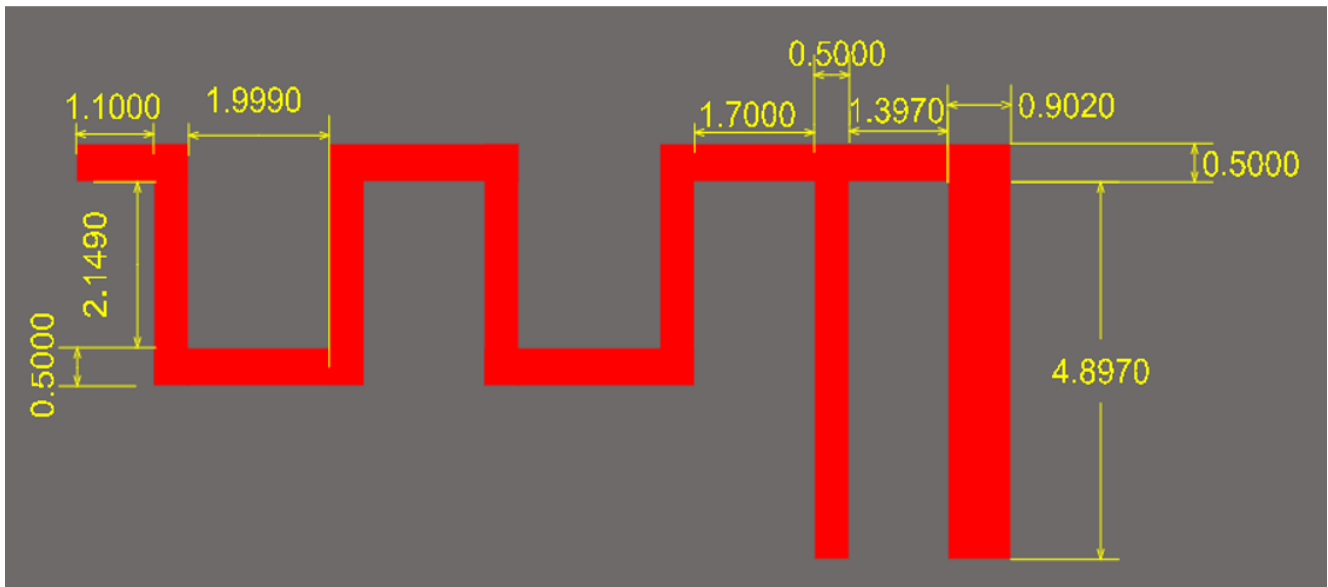
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## 1: Antenna Description

|                   |                   |
|-------------------|-------------------|
| Antenna Type      | Microtrip Antenna |
| Antenna peak gain | 1.08dBi           |
| Frequency range   | 2.402GHz~2.480GHz |
| Connect type      | Direct Connect    |

## 2: Antenna picture on the PCB board

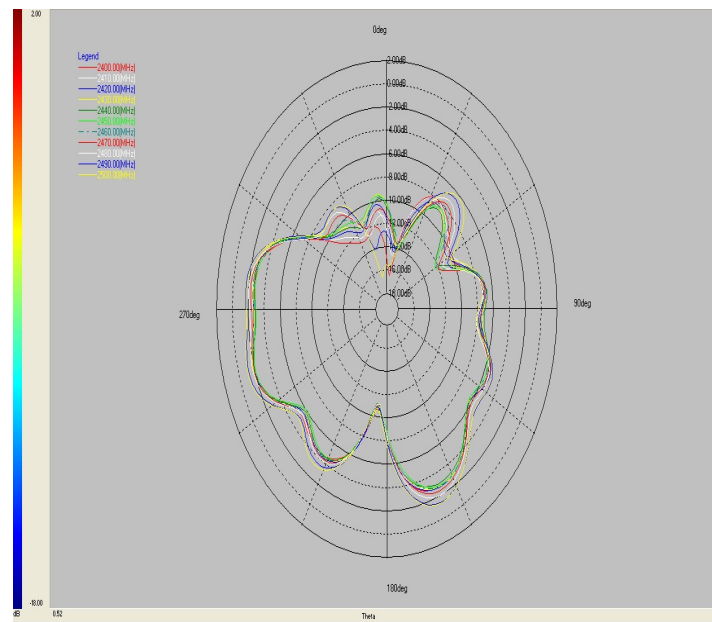
(mm)



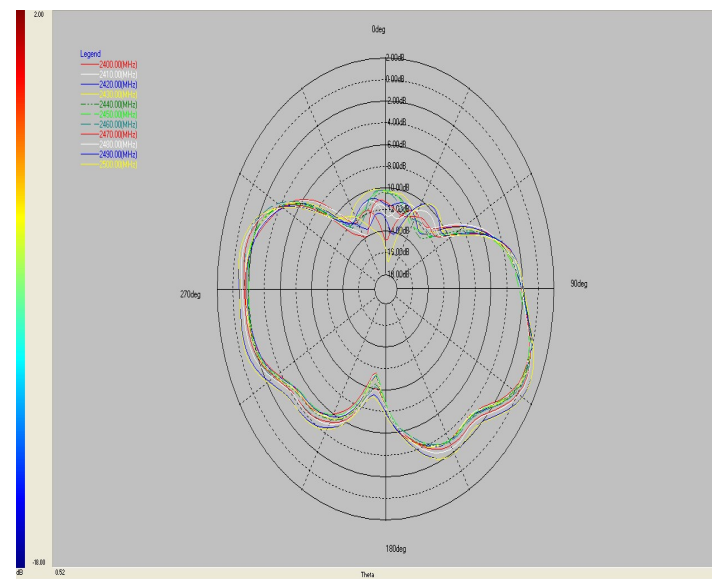
### 3. 2D Radiation characteristics of antenna

characteristics of antenna(VEC 03)

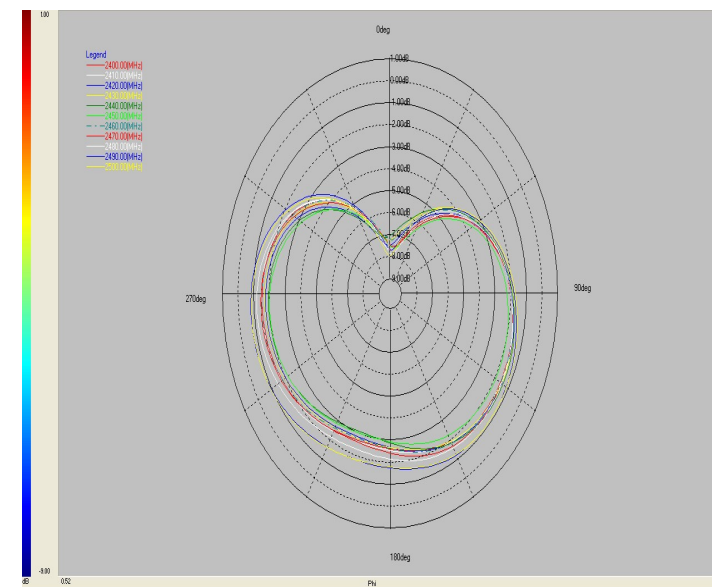
PHI 0°



PHI90°



THETA90°



| Frequency VNA<br>(MHz) | Gain (Peak)<br>(dBi) |
|------------------------|----------------------|
| 2400MHz                | 0.0403503            |
| 2410MHz                | 0.0886264            |
| 2420MHz                | 0.267381             |
| 2430MHz                | 0.193012             |
| 2440MHz                | 0.26366              |
| 2450MHz                | 0.0723139            |
| 2460MHz                | 0.36895              |
| 2470MHz                | 0.551525             |
| 2480MHz                | 0.640702             |
| 2490MHz                | 1.05232              |
| 2500MHz                | 1.08443              |
|                        |                      |
|                        |                      |