

产 品 技 术 规 格 书  
SPECIFICATION

产品型号 PART NUMBER: 2061500087-C (LPP200_BT-FPC)
天线规格 ANTENNA DESCRIPTION: FPC PIFA 2.4G Antenna
版本VERSION: V1.0
日期 Released Date:20240416

制作 Drawn by:	审核 Checked by:	批准 Approved by:
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深圳市千分一智能技术股份有限公司

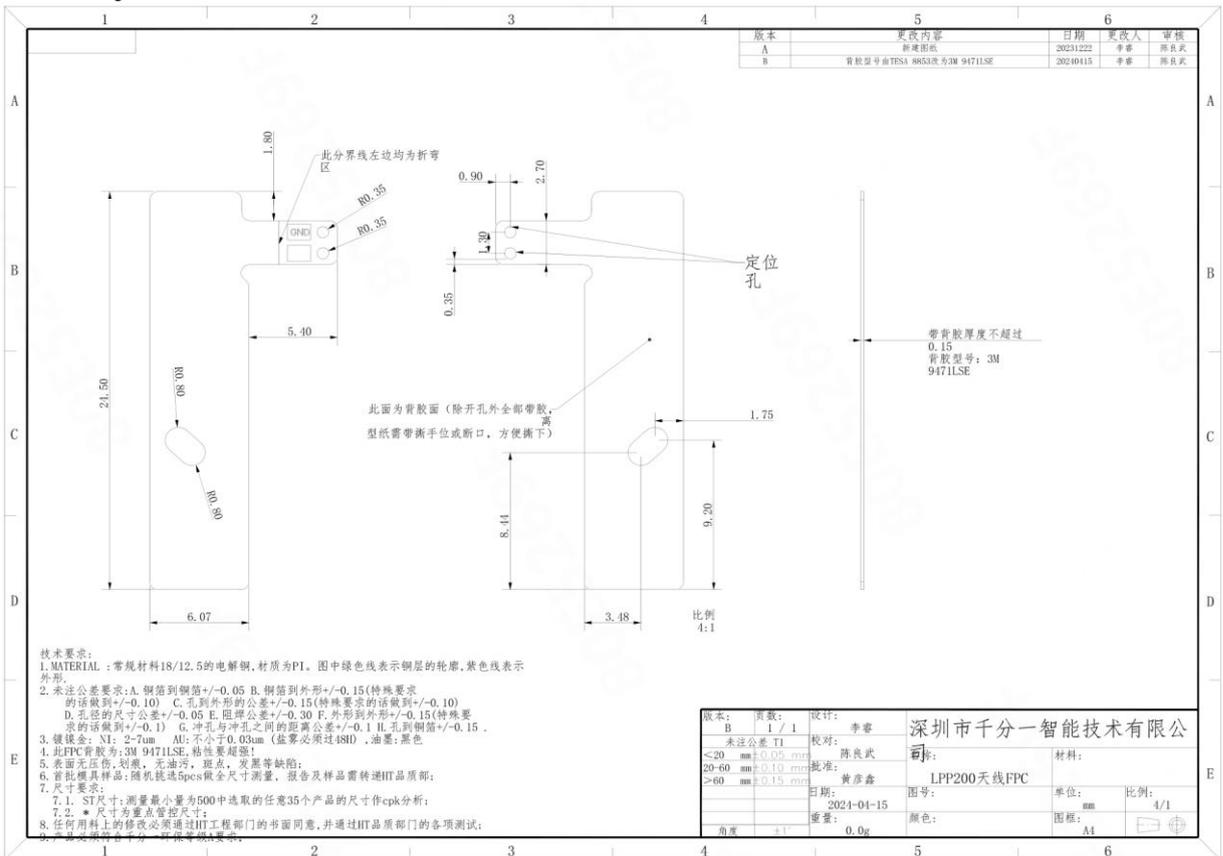
地址：深圳市南山区南山智园崇文园区3号楼21层

# FPC PIFA Antenna

## 1. Application:

For Bluetooth/WLAN Applications

## 2. Physical Dimension (Unit: mm)

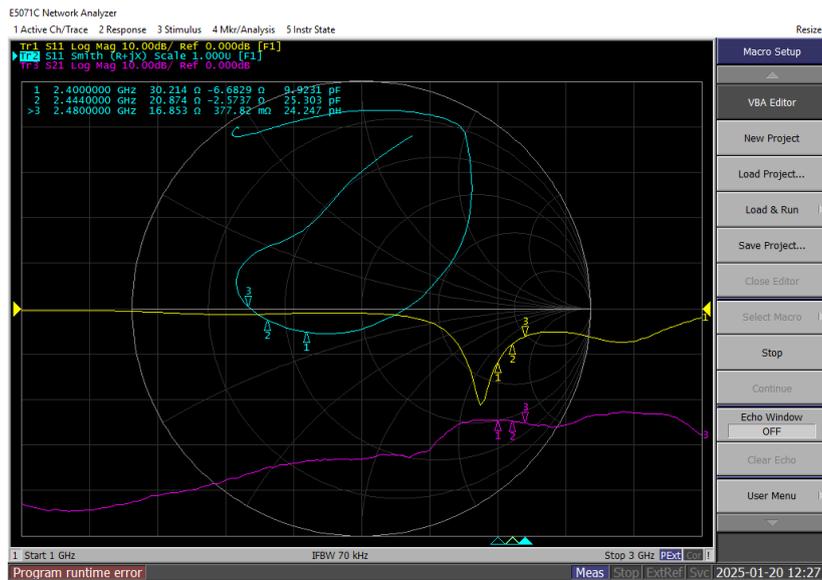


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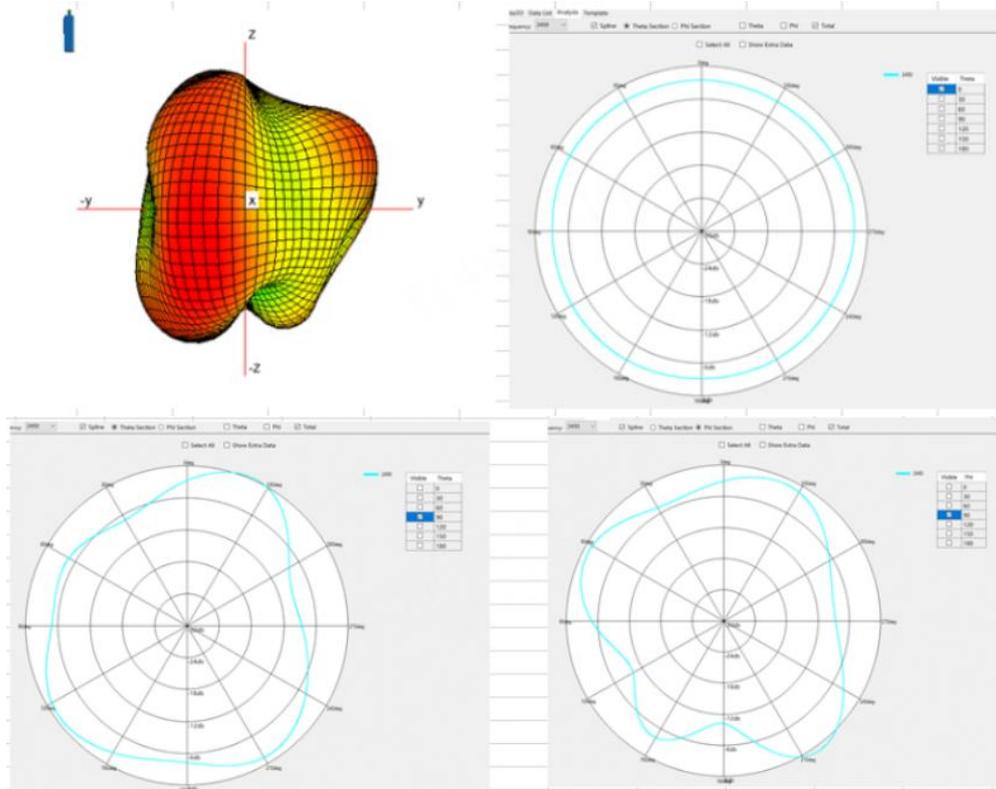
### 3. Electrical Specification

DESCRIPTION	VALUE
Center Frequency	2.45GHz
Bandwidth	200MHz (Typ.)
Peak Efficiency	48%
Azimuth Beamwidth	Omni-directional
Peak Gain	0.82dBi (Typ.)
Operating Temperature	-40-105°C
Maximum Power	1W

### 4. Characteristic curve



## 5. Radiation Pattern



## 6. Efficiency

Frequency	Efficiency (%)	Peak Gain (dBi)
2400MHz	45	0.69
2410MHz	46	0.75
2420MHz	46	0.74
2430MHz	46	0.77
2440MHz	47	0.82
2450MHz	48	0.82
2460MHz	48	0.76
2470MHz	48	0.73
2480MHz	47	0.69

**7. REVISION HISTORY**

<b>REVISION DATE</b>	<b>DATE</b>	<b>CHANGE NOTIFICATION</b>	<b>DESCRIPTION</b>
Version1.0	April.16,2024		New datasheet for FPC PIFA antenna ,2.45G Hz