

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

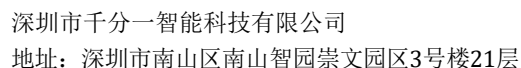
制作 Drawn by:	审核 Checked by:	批准 Approved by:
--------------	----------------	-----------------

深圳市千分一智能技术有限公司
地址：深圳市南山区南山智园崇文园区3号楼21层

1. Application:

For Bluetooth/WLAN Applications

2. Physical Dimension (Unit: mm)



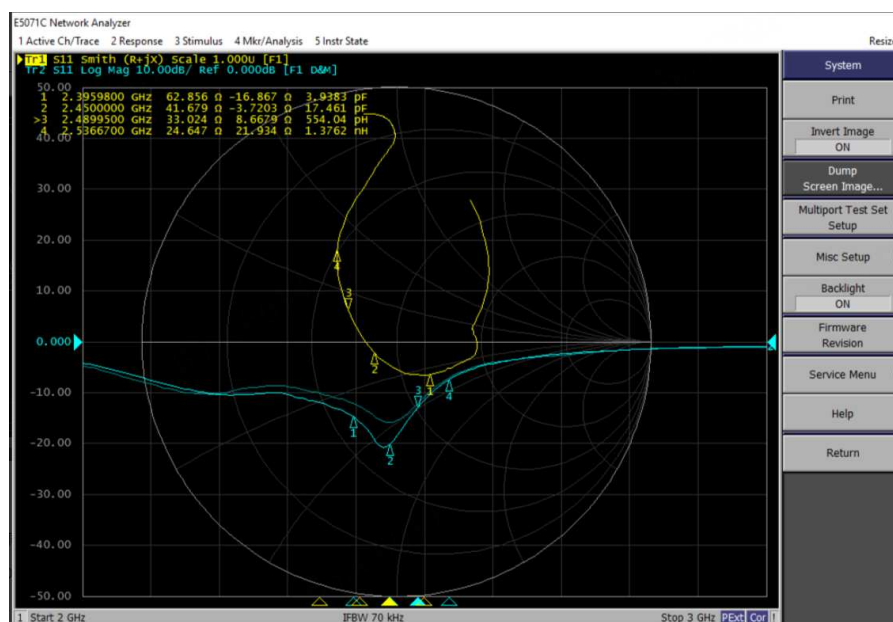
3. Electrical Specification

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℃
Maximum Power	1W

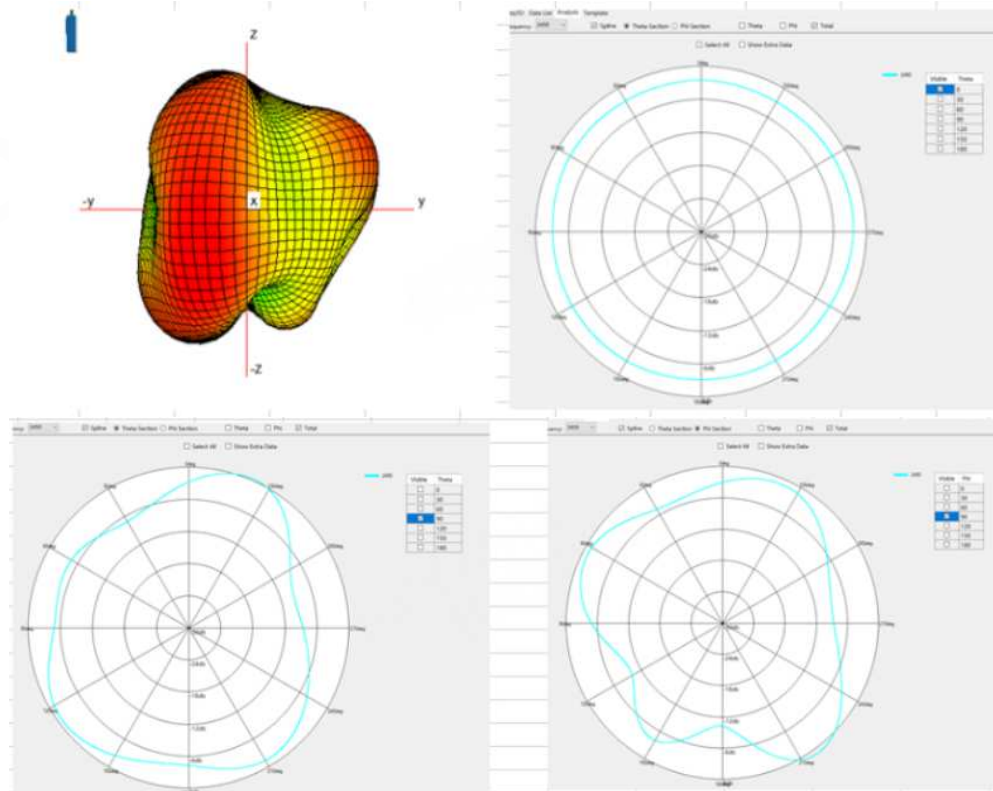
4. Antenna test condition



5. Characteristic curve



6. Radiation Pattern



7. 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

8. REVISION HISTORY

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