

产 品 技 术 规 格 书
SPECIFICATION

产品型号 PART NUMBER: LPP300
天线规格 ANTENNA DESCRIPTION: Monopole FPC 2.4G Antenna
版本VERSION: V1.0
日期 Released Date: 20241205

制作 Drawn by:	审核 Checked by:	批准 Approved by:
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Monopole FPC Antenna

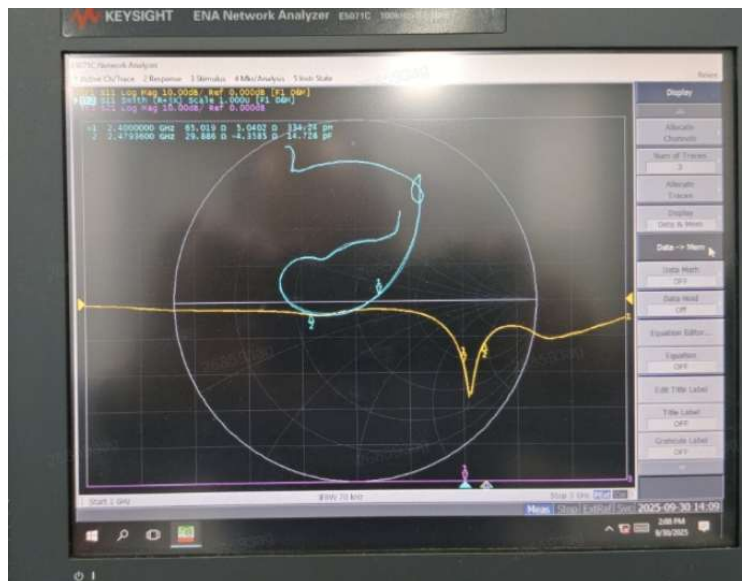
1. Application:

For Bluetooth/WLAN Applications

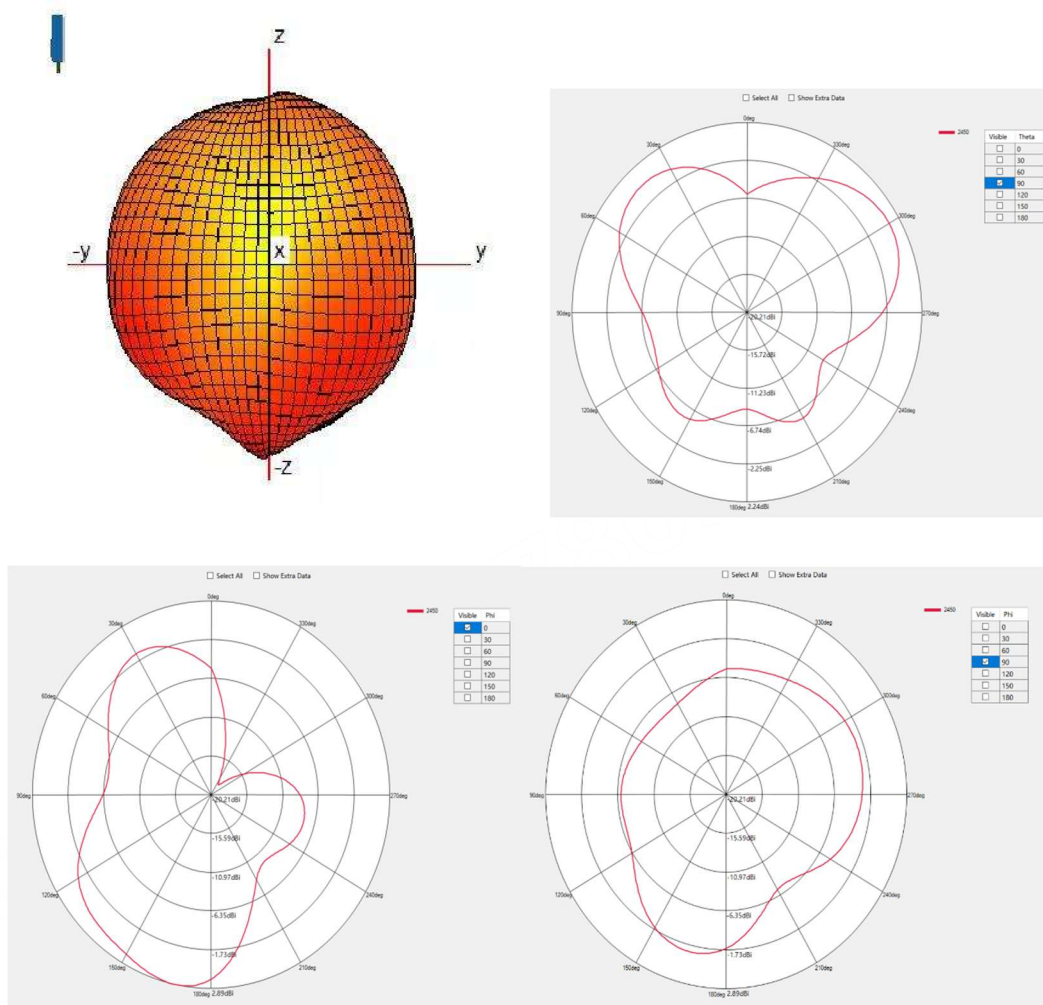
2. Electrical Specification

DESCRIPTION	VALUE
Center Frequency	2.45GHz
Bandwidth	200MHz (Typ.)
Peak Efficiency	46% (Typ.)
Azimuth Beamwidth	Omni-directional
Peak Gain	2.29dBi (Typ.)
Operating Temperature	-40-105℃
Maximum Power	1W

3. Characteristic curve



4. Radiation Pattern



5. Efficiency

Frequency	Efficiency (%)	Peak Gain (dBi)
2400MHz	47.32	2.29
2410MHz	47.05	2.28
2420MHz	46.60	2.22
2430MHz	46.33	2.19
2440MHz	46.23	2.20
2450MHz	46.18	2.16
2460MHz	45.87	2.21
2470MHz	45.41	2.18
2480MHz	45.57	2.20

6. Revision History

REVISION DATE	CHANGE NOTIFICATION	DESCRIPTION
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Version1.0 2025/12/05		
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	New datasheet for Monopole	
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	2.4G Antenna,2.45GHz	
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Pilot SRD Antenna Specification

- Model No.: QFY- 61430099
- Brand Name: N/A
- SRD Working Frequency: 18-500 KHz
- Antenna Type: Pen tip Antenna
- Manufacturer: Shenzhen Qianfenyi Intelligent Technology Co., LTD
- Manufacturer Address: Room 2101, Building 3, Nanshan i Park Chongwen, No.
3370 Liuxian Avenue, Fuguang Community, Taoyuan Street, Nanshan District,
Shenzhen City, Guangdong Province, P.R.China