

SPECIFICATION

产品型号 PART NUMBER: APP FPC antenna
天线规格 ANTENNA DESCRIPTION: 2.4GHz FPC antenna
版本VERSION: V1.0
日期 Released Date:20260804

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

Shenzhen Qianfenyi Intelligent Technology Co., LTD

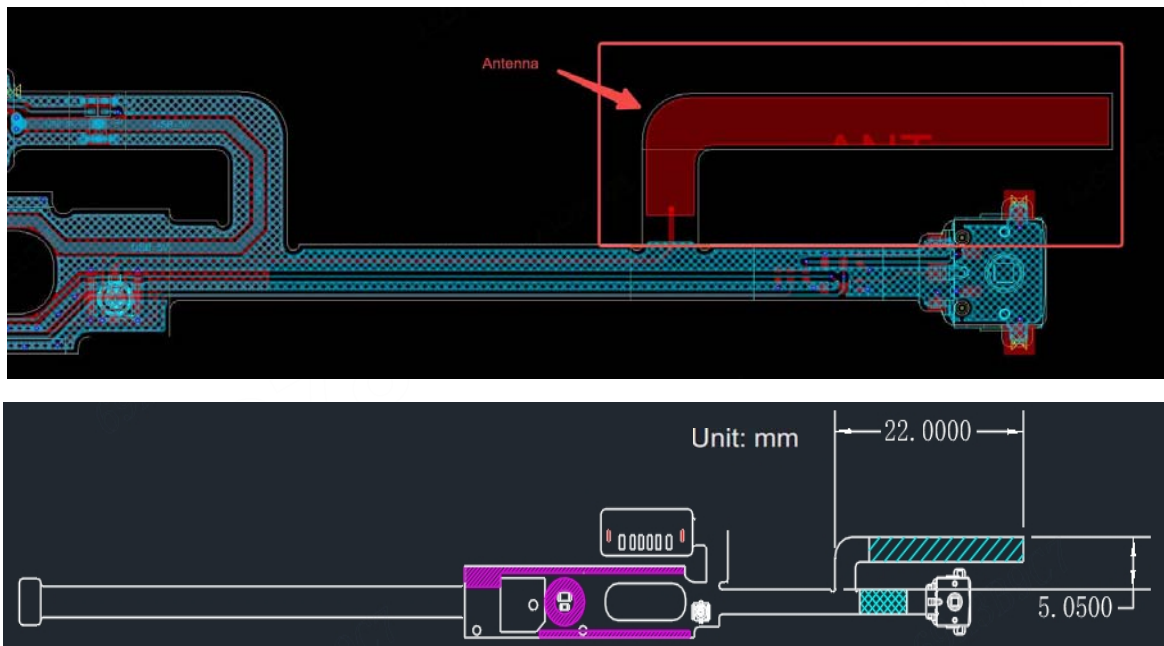
Room 2101, Building 3, Nanshan i Park Chongwen, No. 3370
Liuxian Avenue, Fuguang Community, Taoyuan Street, Nanshan District, Shenzhen
City, Guangdong Province, P.R.China

FPC Antenna

1. Application:

For Bluetooth Applications

2. Antenna direction



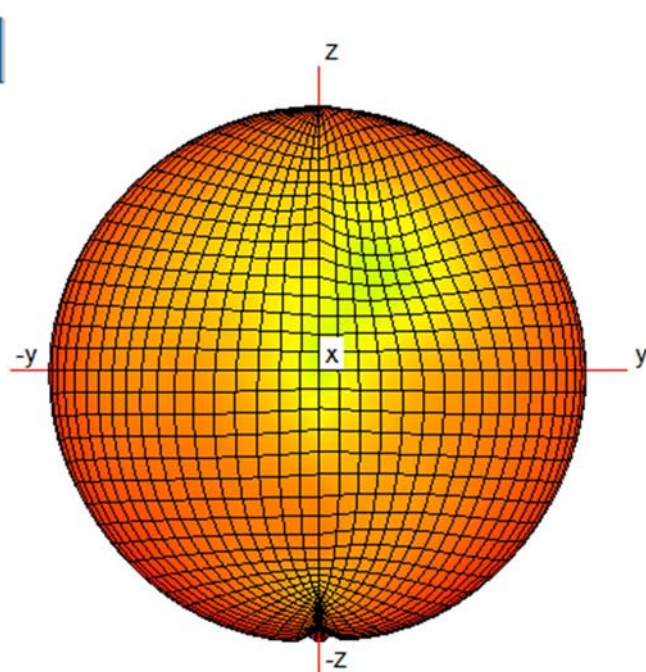
3. Electrical Specification

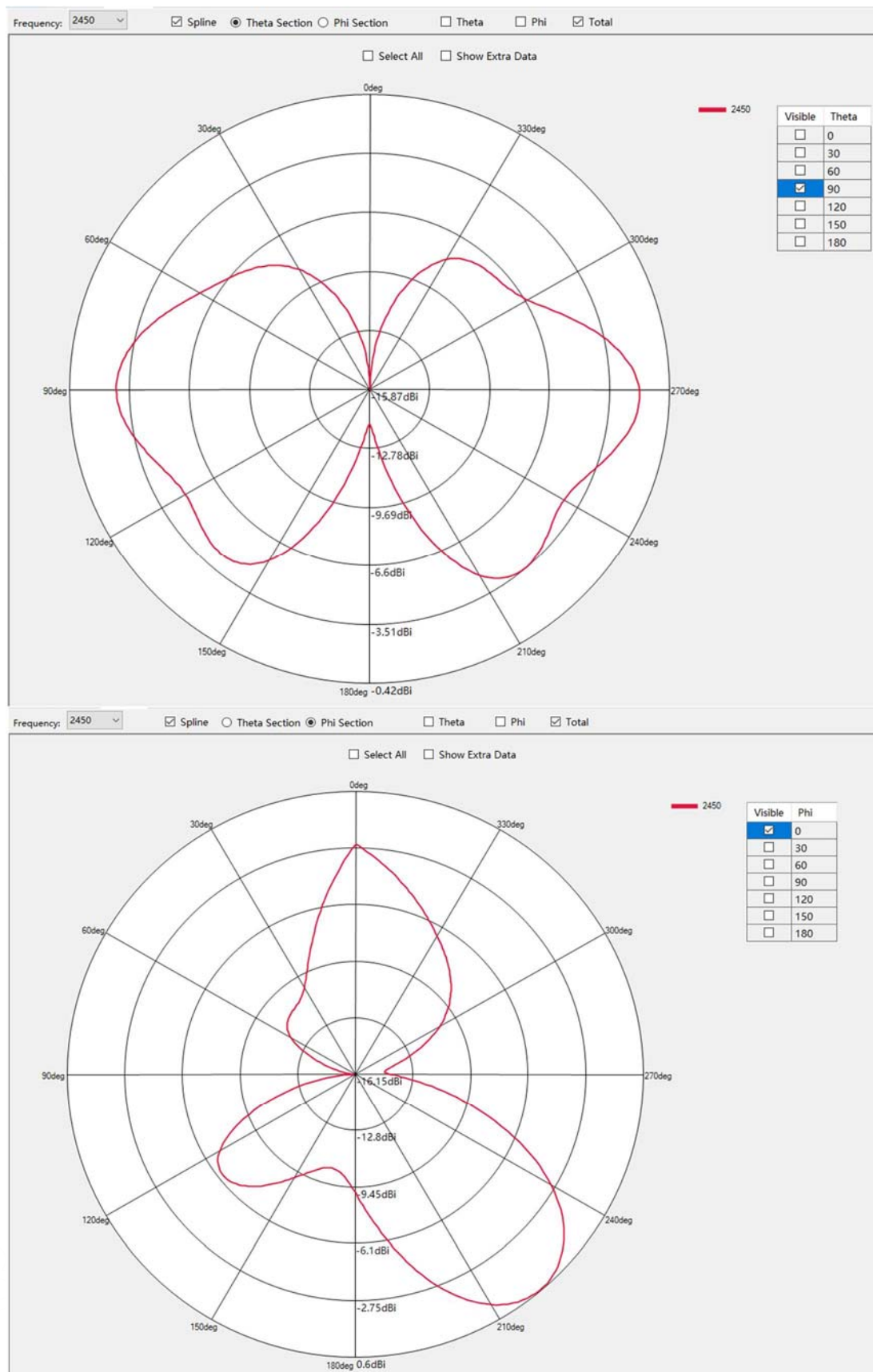
DESCRIPTION	VALUE
Center Frequency	2.45GHz
Bandwidth	100MHz (Typ.)
Peak Efficiency	32.5%
Azimuth Beamwidth	Omni-directional
Peak Gain	-0.16 dBi (Typ.)
Operating Temperature	-40~105℃
Maximum Power	1W

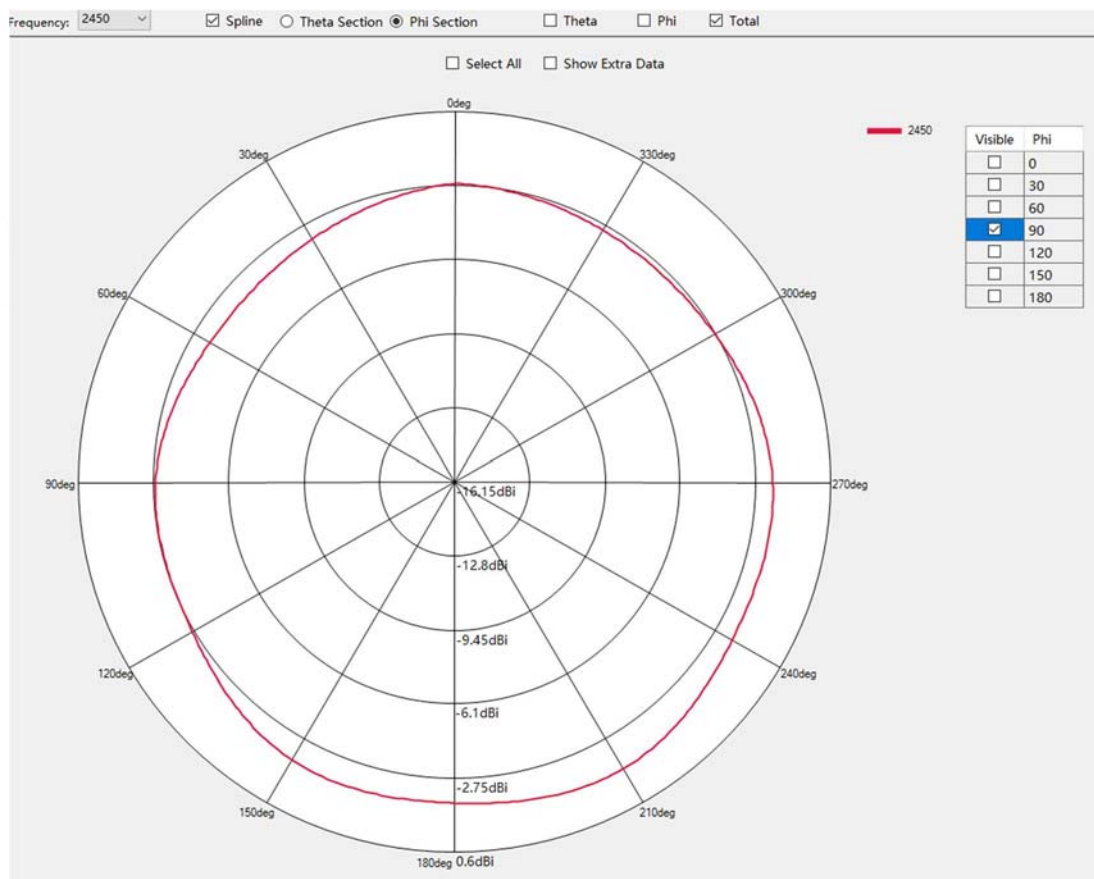
4. Characteristic curve



5. Radiation Pattern







6. Efficiency

Frequency	Efficiency (%)	Peak Gain (dBi)
2400MHz	32.78	-0.36
2410MHz	32.64	-0.43
2420MHz	33.02	-0.43
2430MHz	32.89	-0.49
2440MHz	32.79	-0.46
2450MHz	32.49	-0.42
2460MHz	31.98	-0.39
2470MHz	31.66	-0.35
2480MHz	32.38	-0.16

7. REVISION HISTORY

<u>REVISION DATE</u>	<u>CHANGE NOTIFICATION</u>	<u>DESCRIPTION</u>
Version1.0 2026/08/04		New datasheet for FPC antenna ,2.45GHz