

产 品 技 术 规 格 书

SPECIFICATION

产品型号 PART NUMBER: ME-TEMP01
天线规格 ANTENNA DESCRIPTION: Monopole 2.4G Antenna
版本VERSION: V1.0
日期 Released Date: 20240712

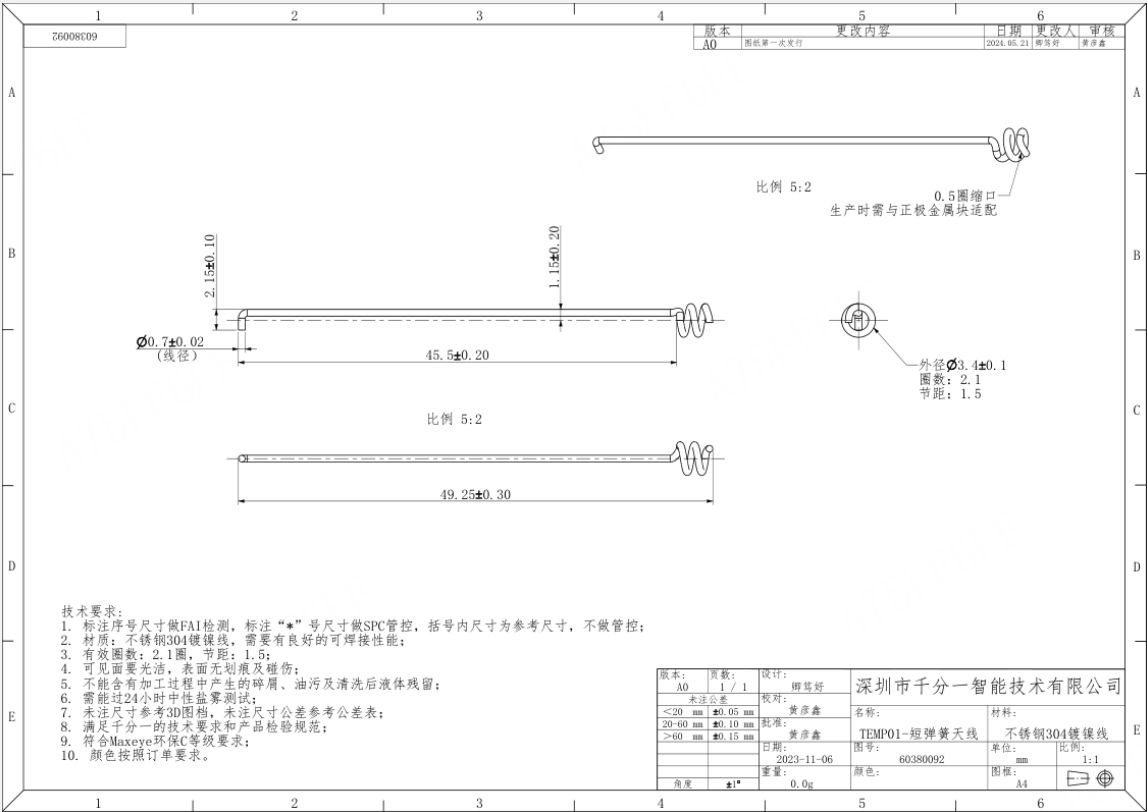
制作 Drawn by:	审核 Checked by:	批准 Approved by:
--------------	----------------	-----------------

FPC PIFA Antenna

1. Application:

For Bluetooth/WLAN Applications

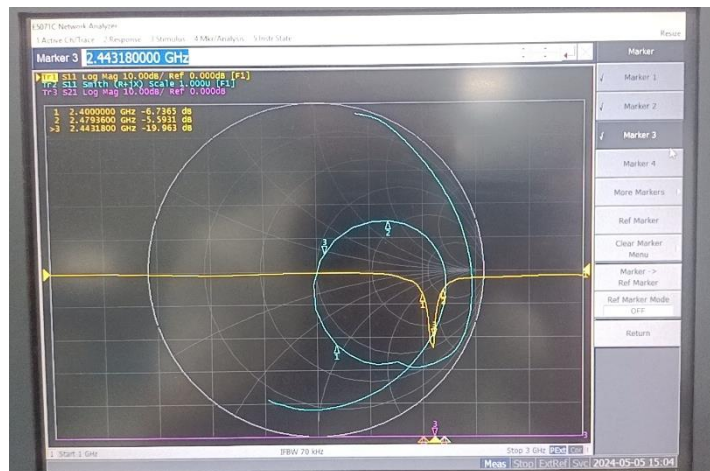
2. Physical Dimension (Unit: mm)



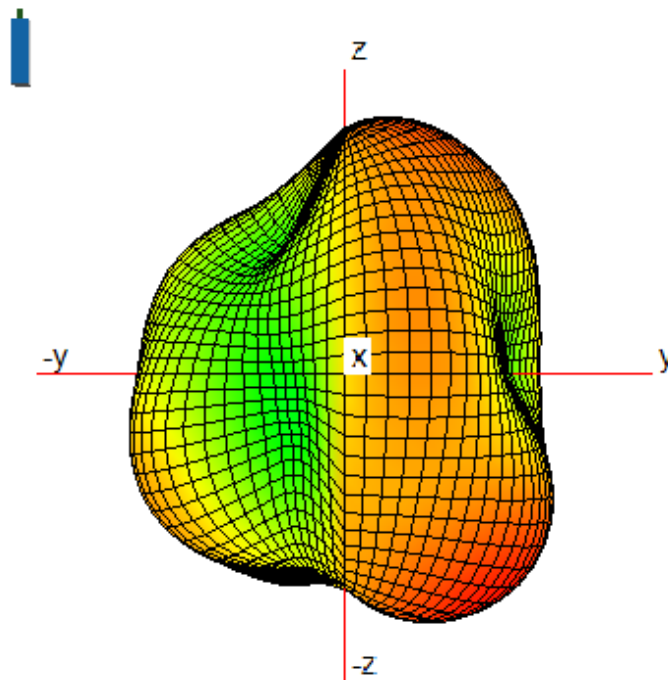
3. Electrical Specification

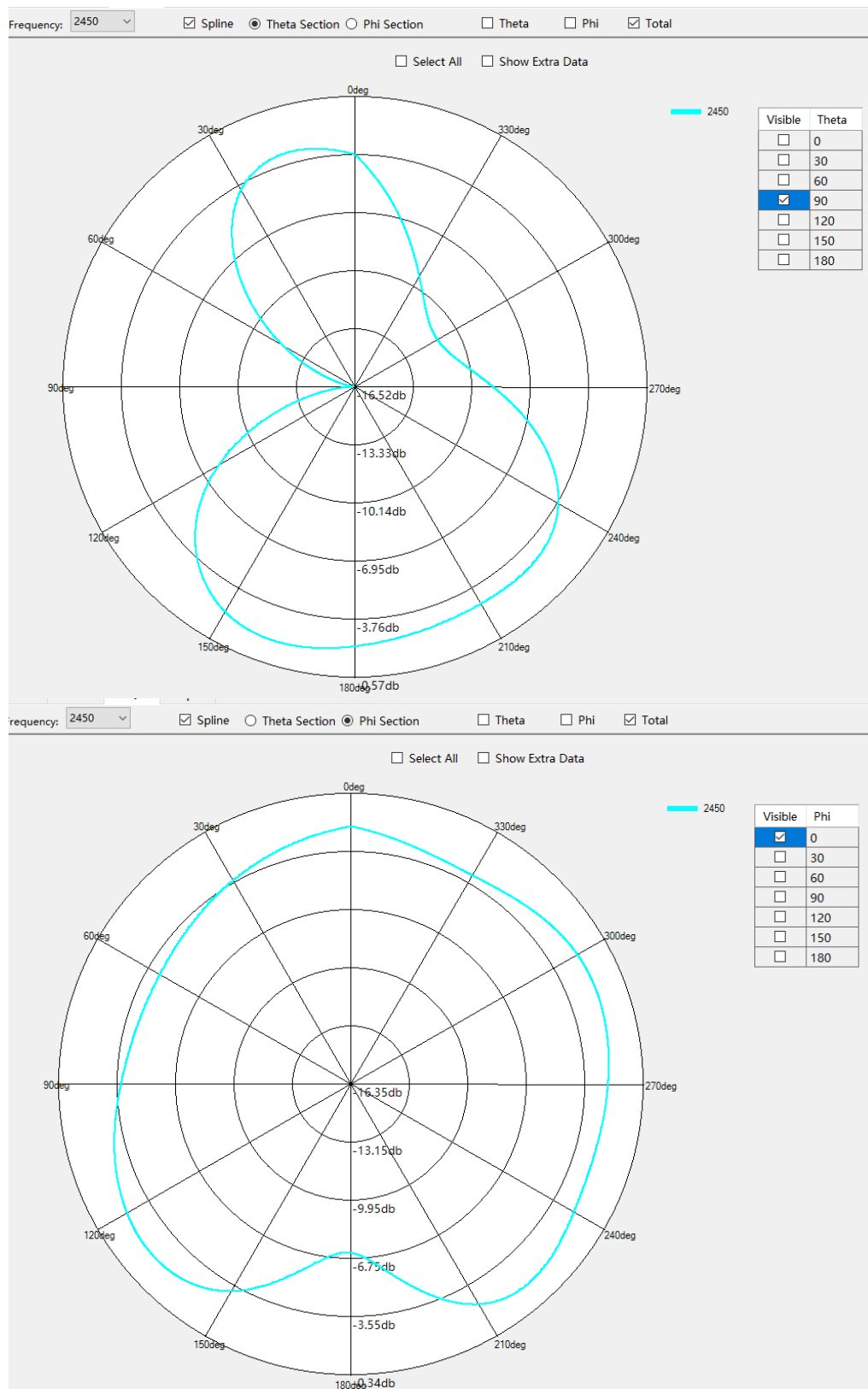
DESCRIPTION	VALUE
Center Frequency	2.45GHz
Bandwidth	200MHz (Typ.)
Peak Efficiency	30%
Azimuth Beamwidth	Omni-directional
Peak Gain	-0.38dBi (Typ.)
Operating Temperature	-40~105℃
Maximum Power	1W

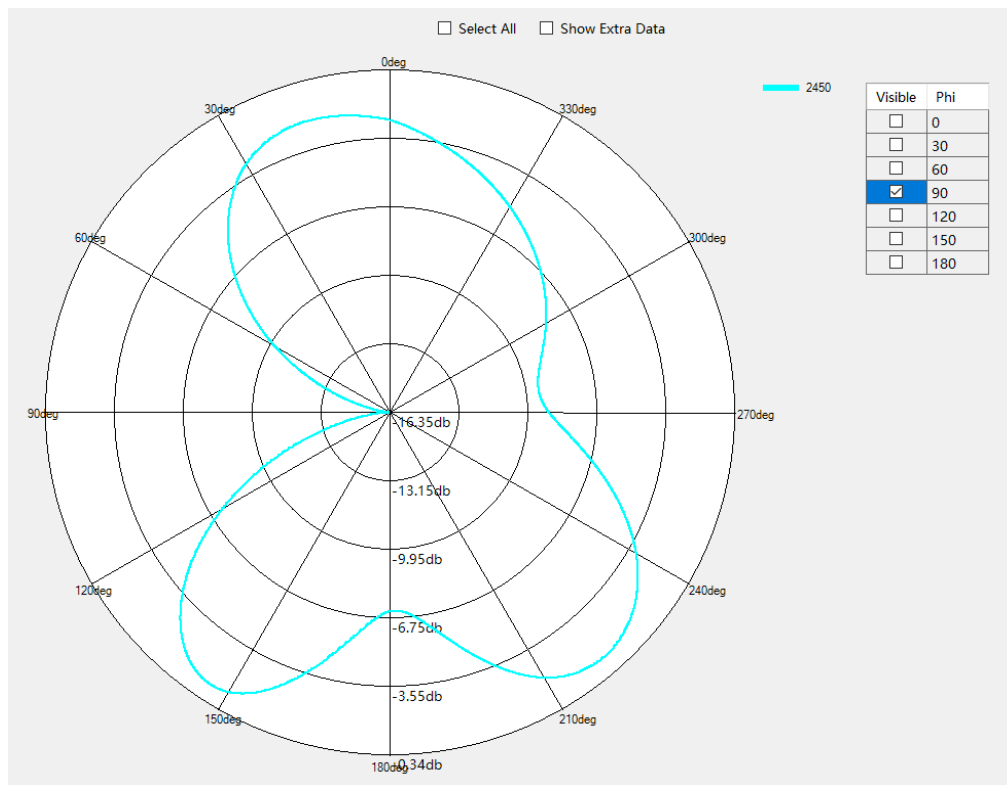
4. Characteristic curve



5. Radiation Pattern







6. Efficiency

Frequency	Efficiency (%)	Peak Gain (dBi)
2400MHz	25	-1.18
2410MHz	25	-0.76
2420MHz	26	-0.74
2430MHz	26	-0.59
2440MHz	27	-0.38
2450MHz	27	-0.5
2460MHz	26	-0.63
2470MHz	25	-0.59
2480MHz	24	-1.07

7. REVISION HISTORY

<u>REVISION DATE</u>	<u>CHANGE NOTIFICATION</u>	<u>DESCRIPTION</u>
Version1.0 July.12,2024		New datasheet for Monopole 2.4G Antenna,2.45GHz