

产 品 技 术 规 格 书
SPECIFICATION

产品型号 PART NUMBER: BOX01
天线规格 ANTENNA DESCRIPTION: Monopole 2.4G Antenna
版本VERSION: V1.0
日期 Released Date: 20240712

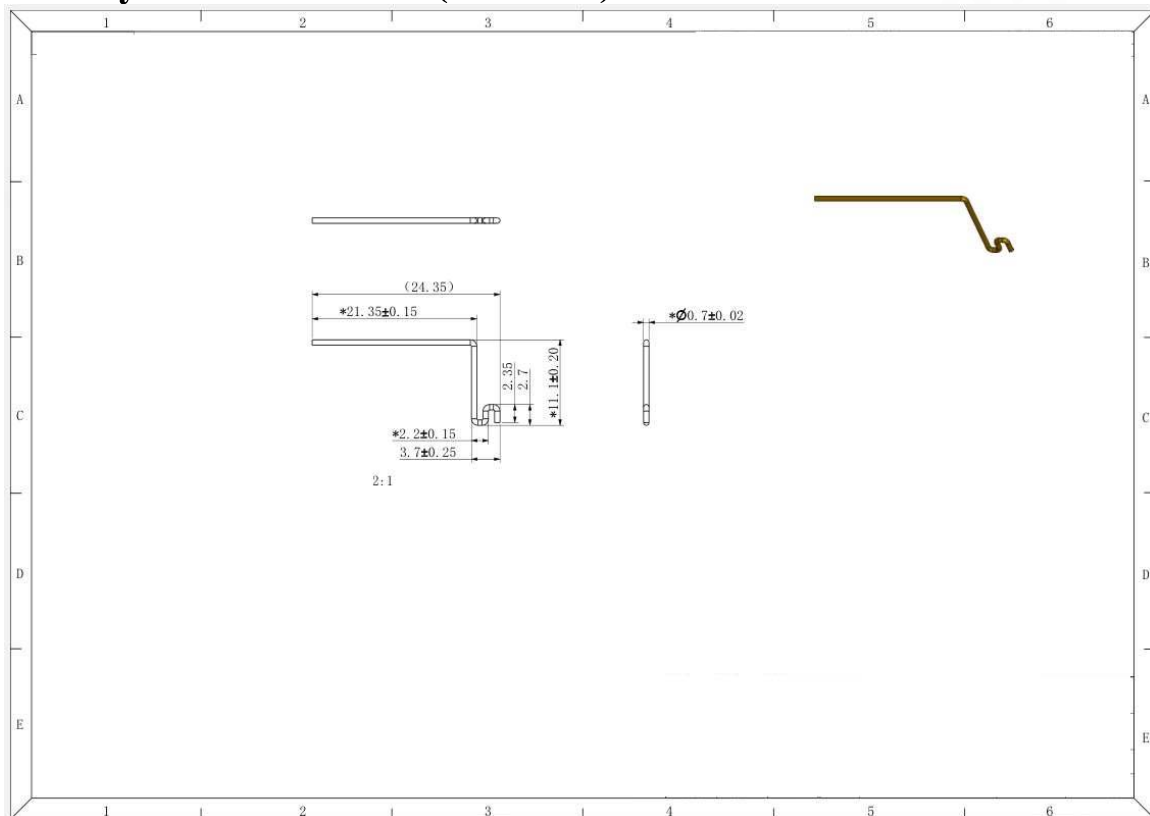
制作 Drawn by:	审核 Checked by:	批准 Approved by:
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FPC PIFA Antenna

1. Application:

For Bluetooth/WLAN Applications

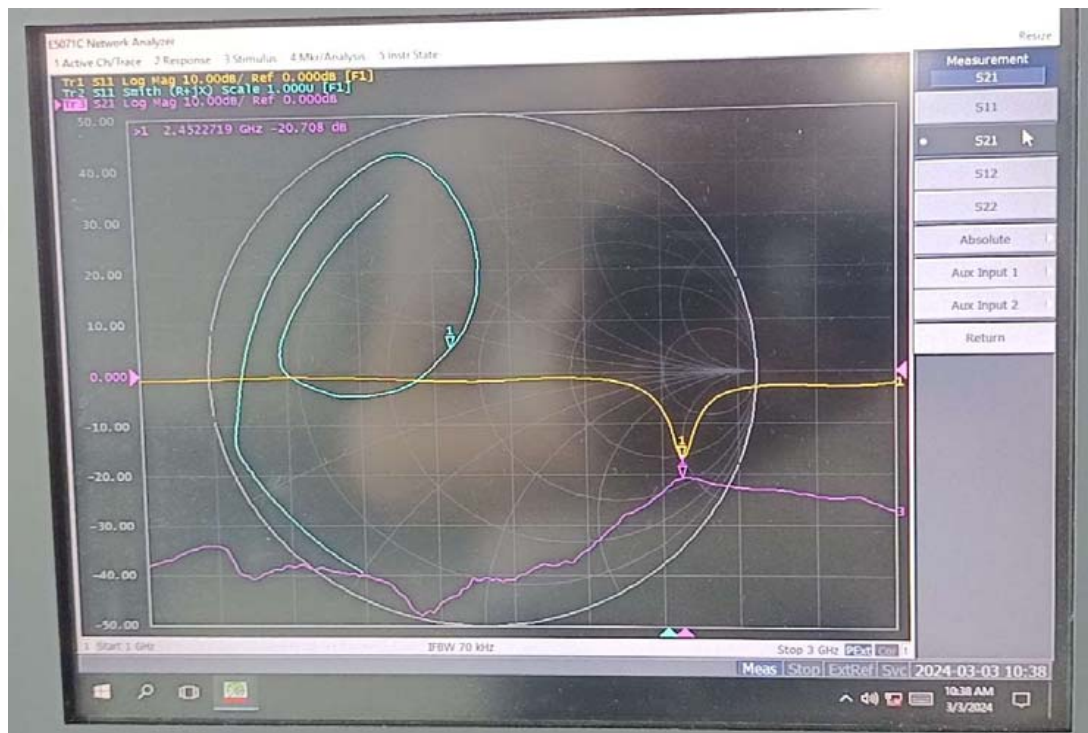
2. Physical Dimension (Unit: mm)



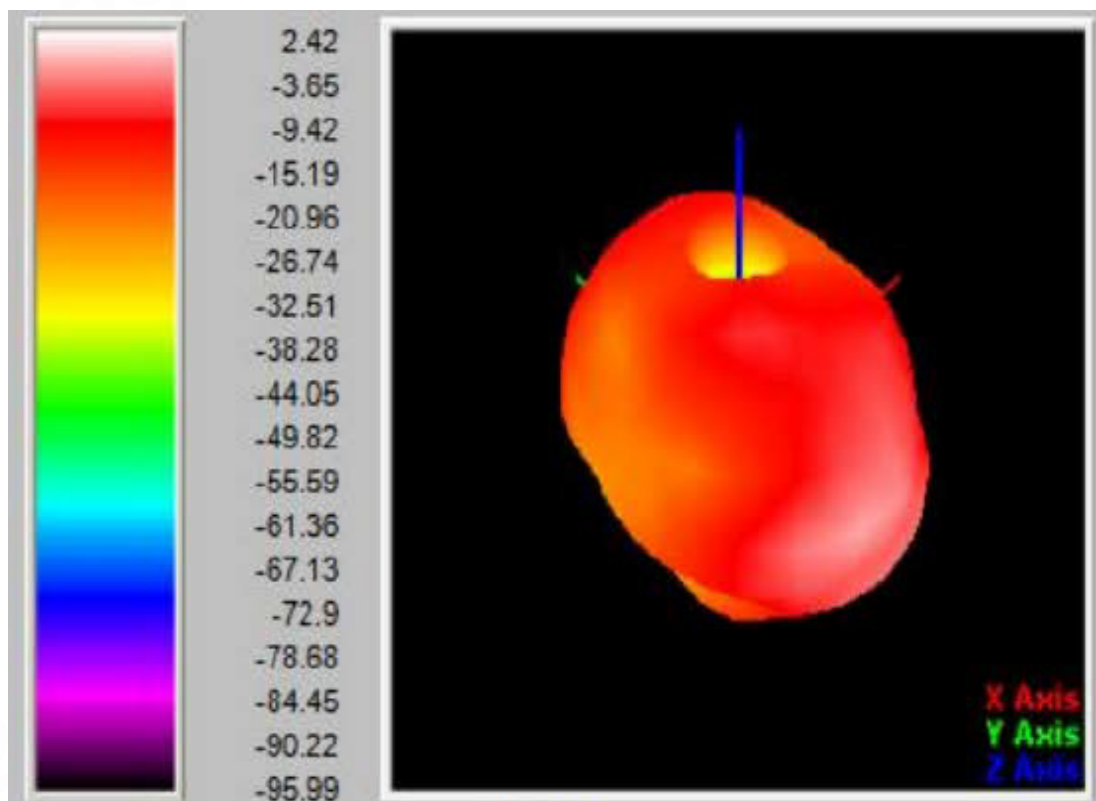
3. Electrical Specification

DESCRIPTION	VALUE
Center Frequency	2.45GHz
Bandwidth	200MHz (Typ.)
Peak Efficiency	54%
Azimuth Beamwidth	Omni-directional
Peak Gain	2.42 dBi (Typ.)
Operating Temperature	-40-105℃

4. Characteristic curve



5. Radiation Pattern



6. Efficiency

Frequency	Efficiency (%)	Peak Gain (dBi)
2400MHz	48.5	2.39
2410MHz	50.37	2.42
2420MHz	50.42	2.29
2430MHz	51.3	2.25
2440MHz	52.25	2.18
2450MHz	52.73	2.18
2460MHz	54.11	2.3
2470MHz	53.98	2.24
2480MHz	53.72	2.18