

产 品 技 术 规 格 书
SPECIFICATION

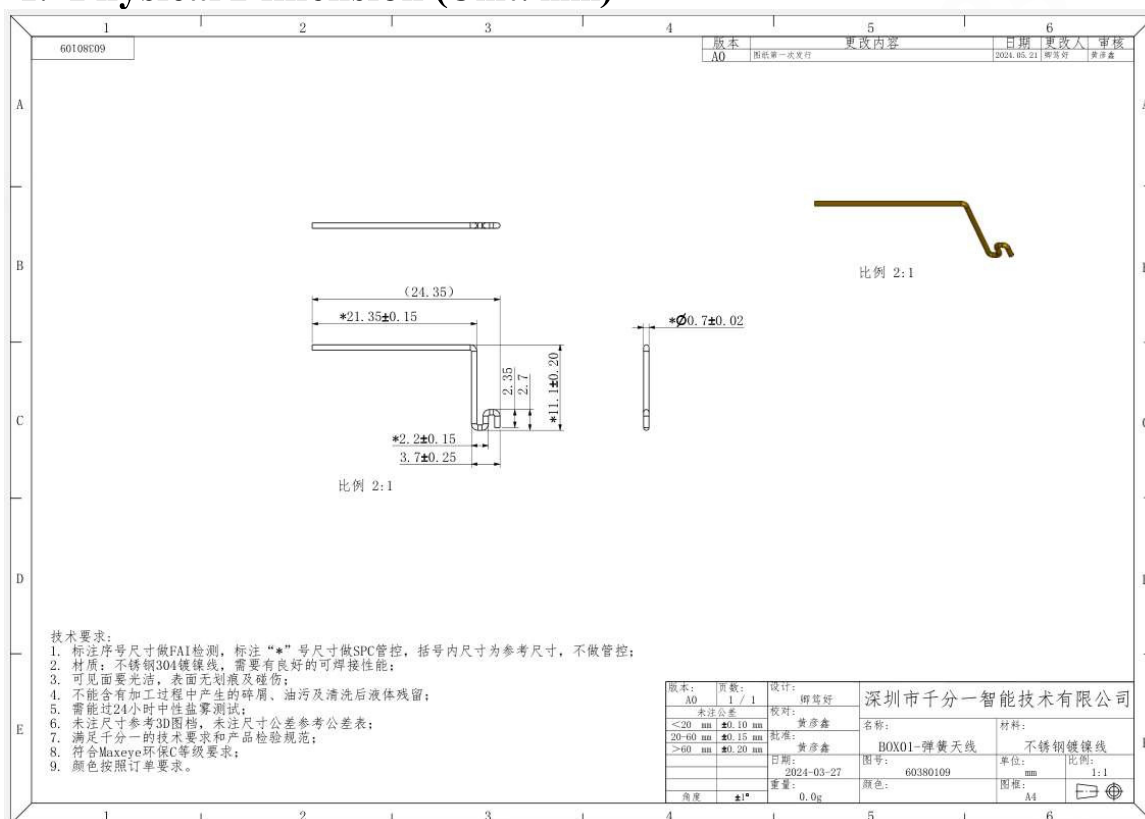
产品型号 PART NUMBER: ME-BOX01
天线规格 ANTENNA DESCRIPTION: Monopole 2.4G Antenna
版本VERSION: V1.0
日期 Released Date: 20240712

制作 Drawn by:	审核 Checked by:	批准 Approved by:
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1. Application:

For Bluetooth/WLAN Applications

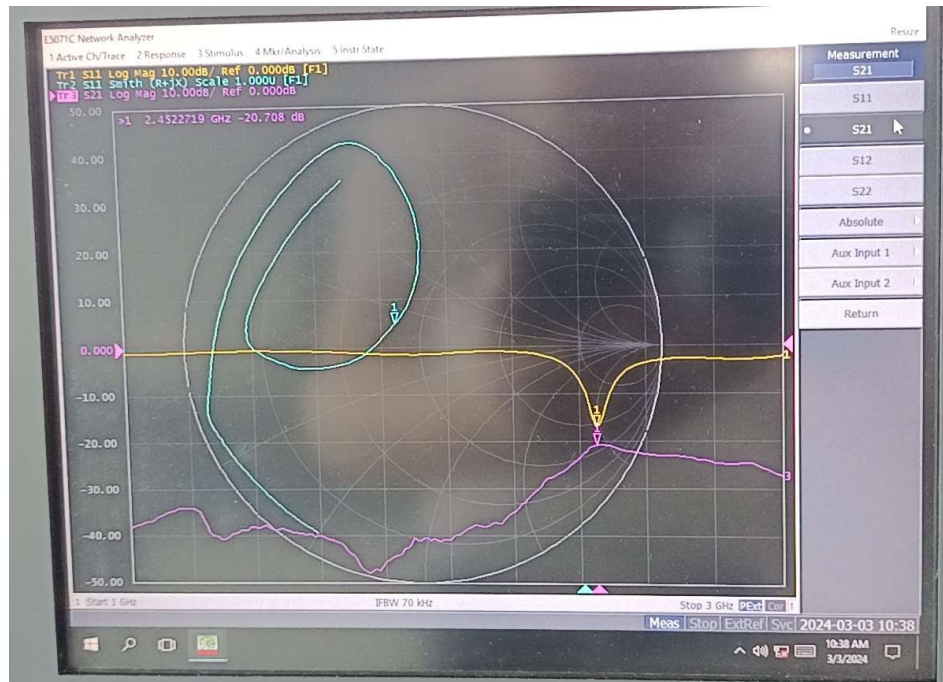
2. Physical Dimension (Unit: mm)



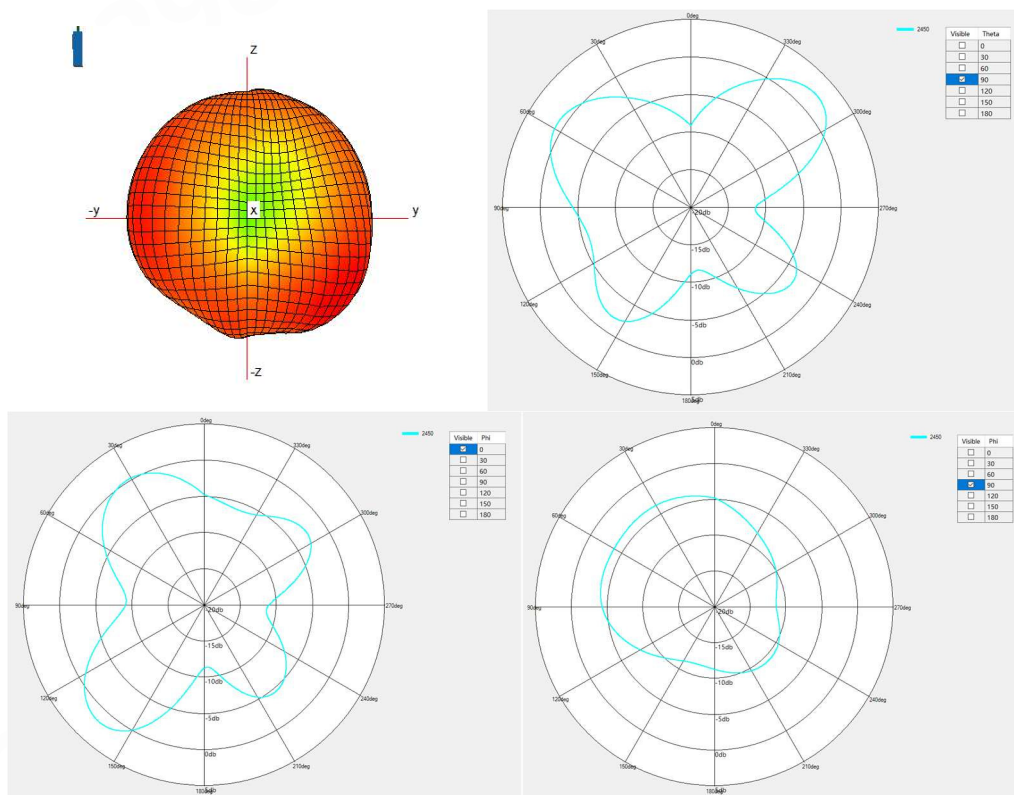
3. Electrical Specification

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℃
Maximum Power	1W

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

7. REVISION HISTORY

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