

产 品 技 术 规 格 书
SPECIFICATION

产品型号 PART NUMBER: BOX-S01
天线规格 ANTENNA DESCRIPTION: IFA 2.4G Antenna
版本VERSION: V1.0
日期 Released Date: 20250821

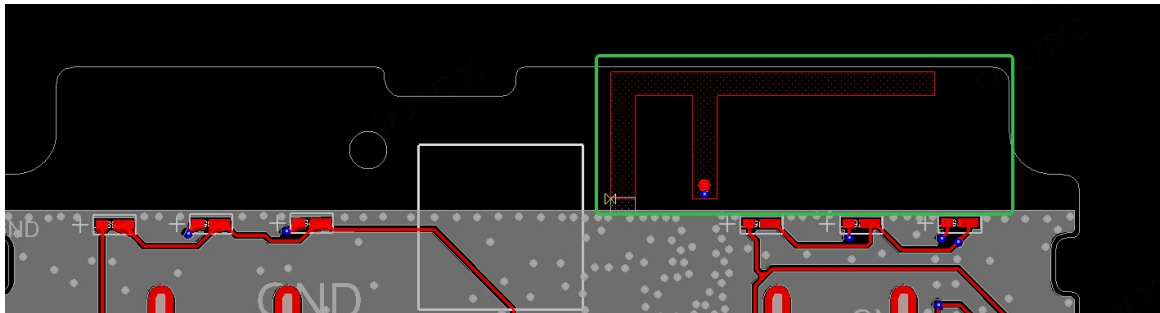
制作 Drawn by:	审核 Checked by:	批准 Approved by:
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IFA Antenna

1. Application:

For Bluetooth/WLAN Applications

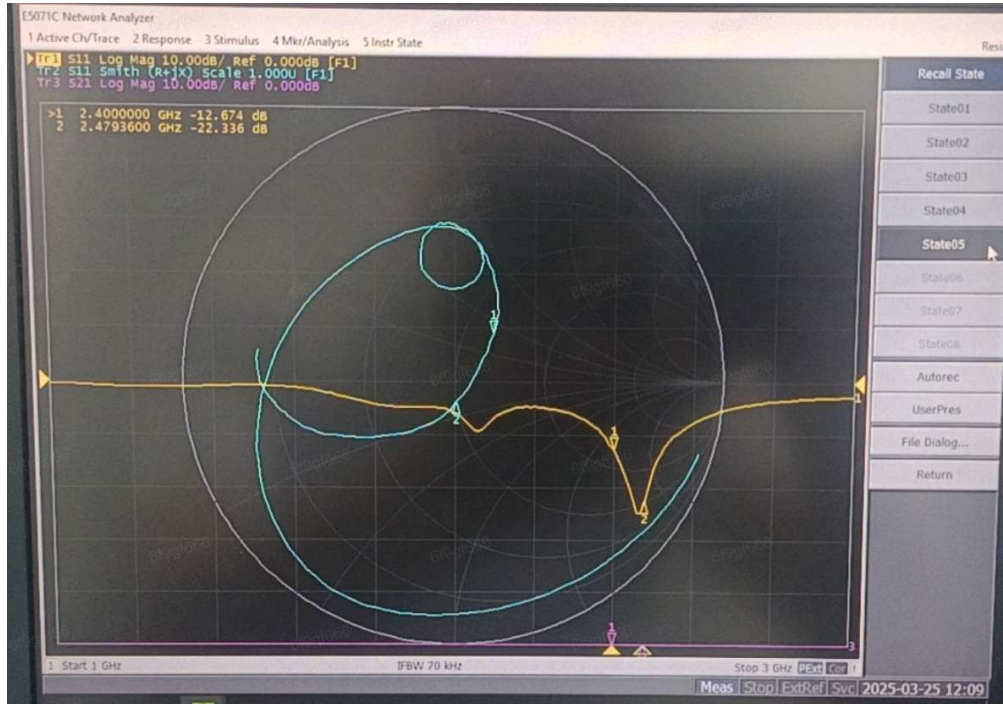
2. Picture



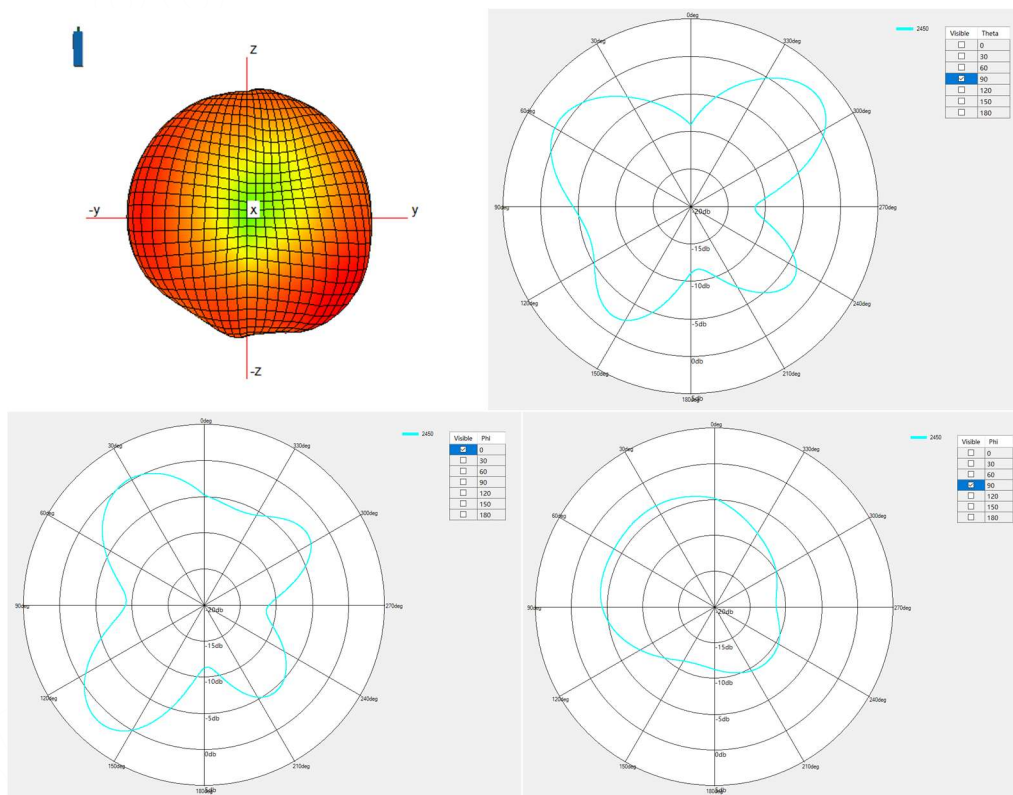
3. Electrical Specification

DESCRIPTION	VALUE
Center Frequency	2.45GHz
Bandwidth	200MHz (Typ.)
Peak Efficiency	67%
Azimuth Beamwidth	Omni-directional
Peak Gain	3.48dBi (Typ.)
Operating Temperature	-40-105℃
Maximum Power	1W

4. Characteristic curve



5. Radiation Pattern



6. Efficiency

Frequency	Efficiency (%)	Peak Gain (dBi)
2400MHz	67.71	3.48
2410MHz	67.31	3.46
2420MHz	67.05	3.46
2430MHz	66.55	3.46
2440MHz	66.56	3.43
2450MHz	66.85	3.38
2460MHz	67.41	3.45
2470MHz	67.19	3.38
2480MHz	67.05	3.36

7. REVISION HISTORY

<u>REVISION DATE</u>	<u>CHANGE NOTIFICATION</u>	<u>DESCRIPTION</u>
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Version1.0

New datasheet for IFA 2.4G

Antenna,2.45GHz