

P/N:ZY-YJ-WF-001



Datasheet

customer: 合肥影炬创新技术有限公司

Band: 2.4G-WIFI

Connect: IPEX-1

Cable: coaxial cable1.13-42mm (Black)

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1. Specification

Passive Electrical Specifications

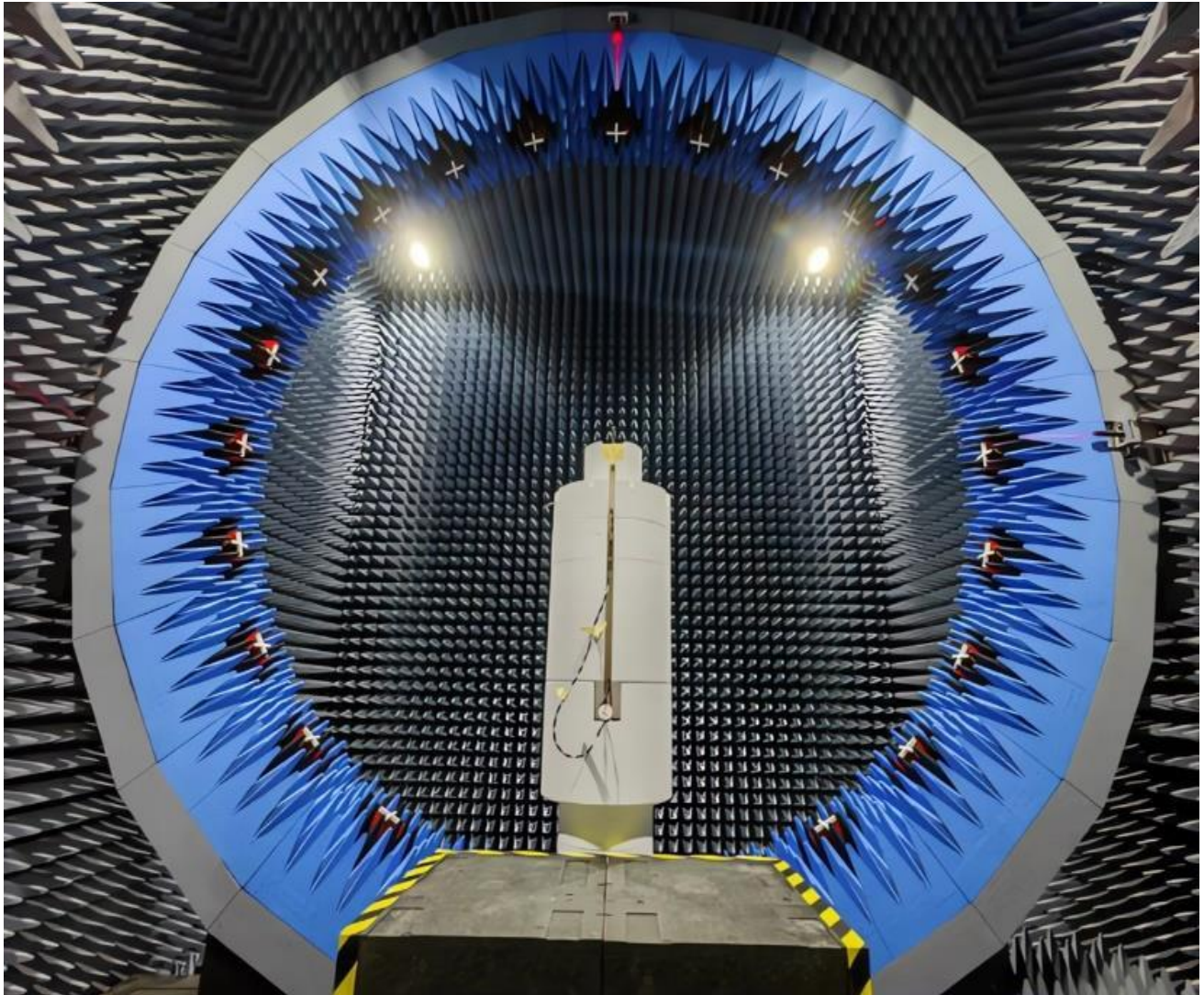
Frequency:	2400-2500MHZ
Input Impedance:	50Ω
V.S.W.R:	≤2.0
Gain:	2400-2500@peakGain2.15dbi
Polarization Type:	Linear

Mechanical Specifications

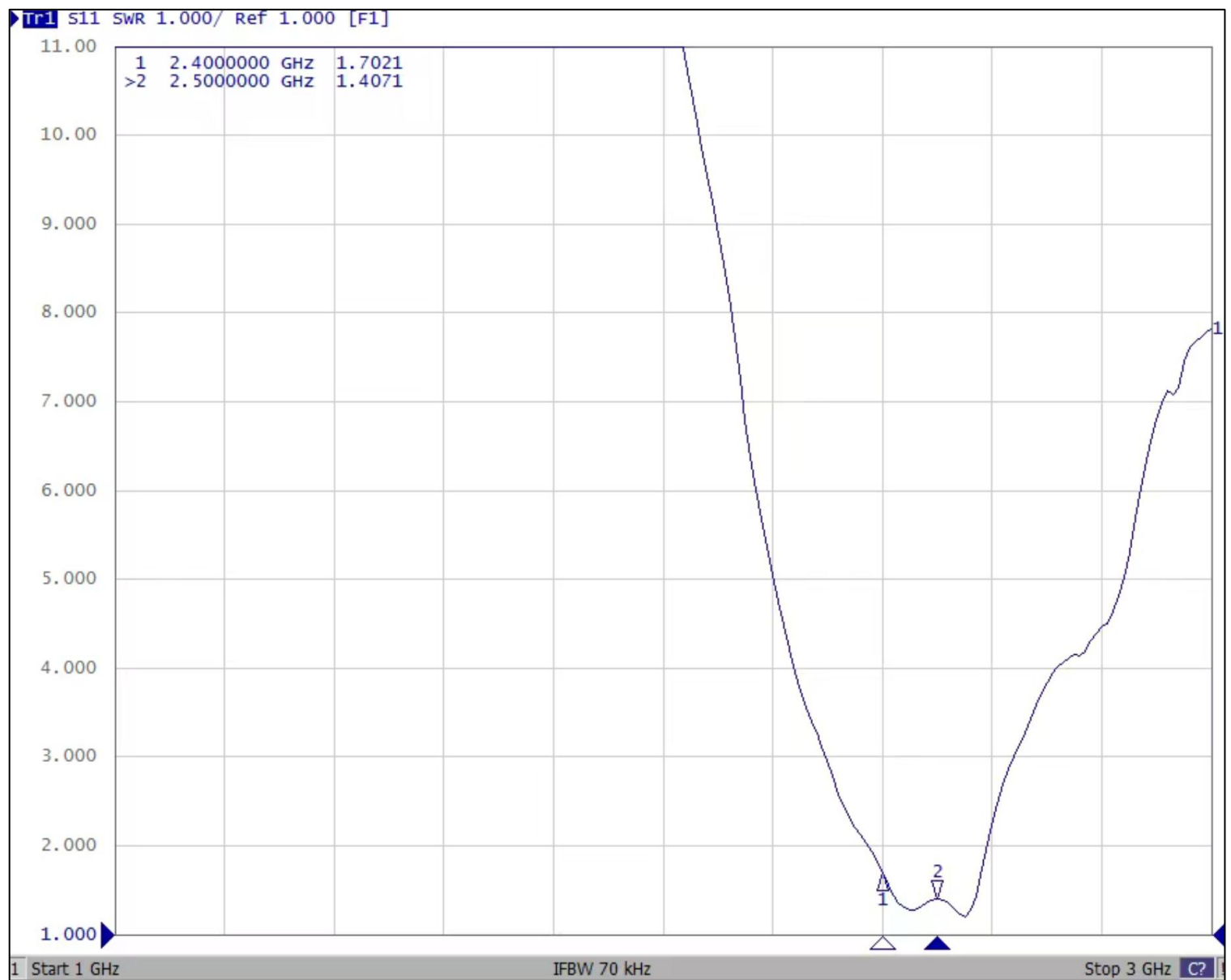
Antenna Size:	25.13*14.55*0.2
Material:	metal
Connector Type:	IPEX-1
Cable:	42mm
Working Temperature:	-40~85°C

2. Antenna Performance Testing

Test equipment: Satimo24G microwave laboratory+E5071C network analyzer

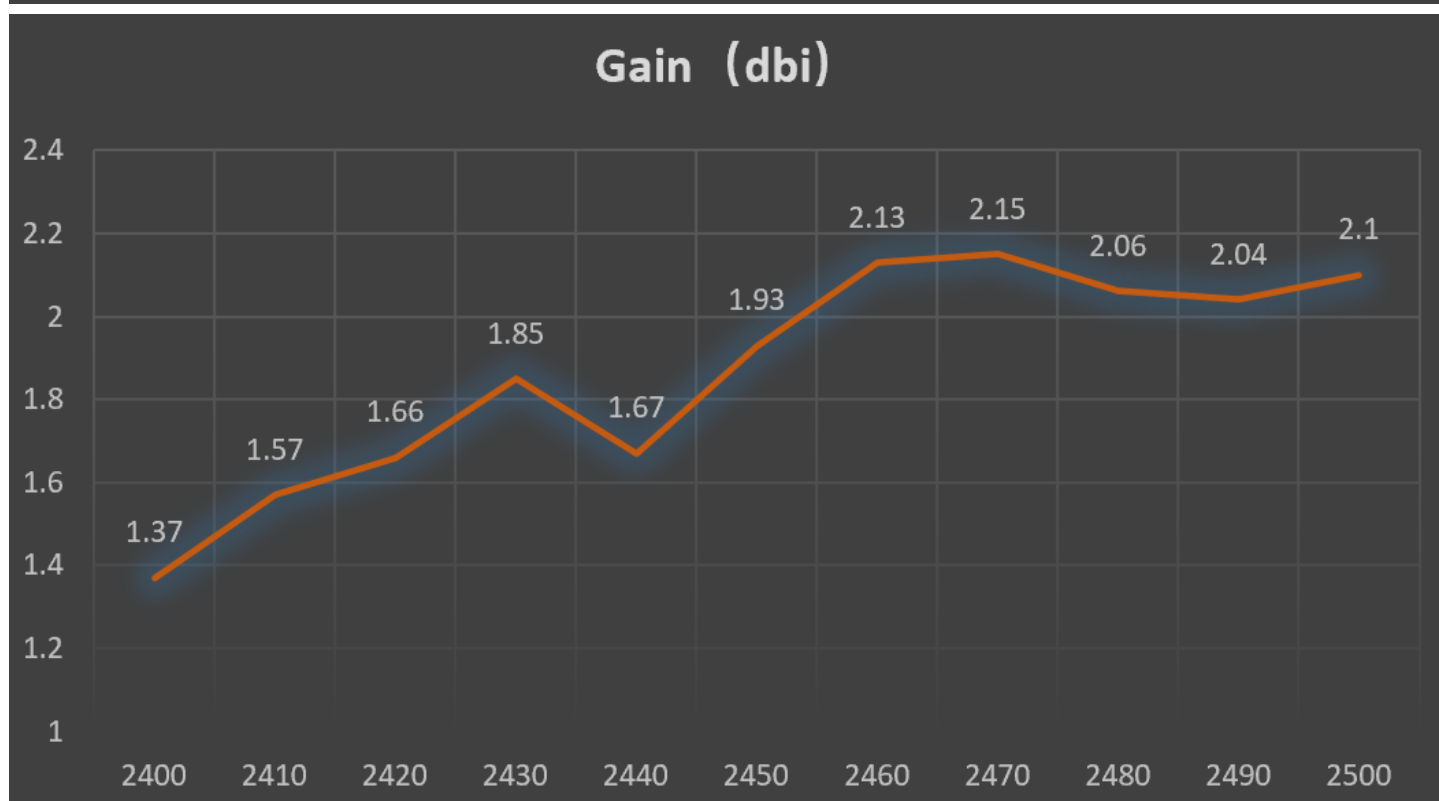
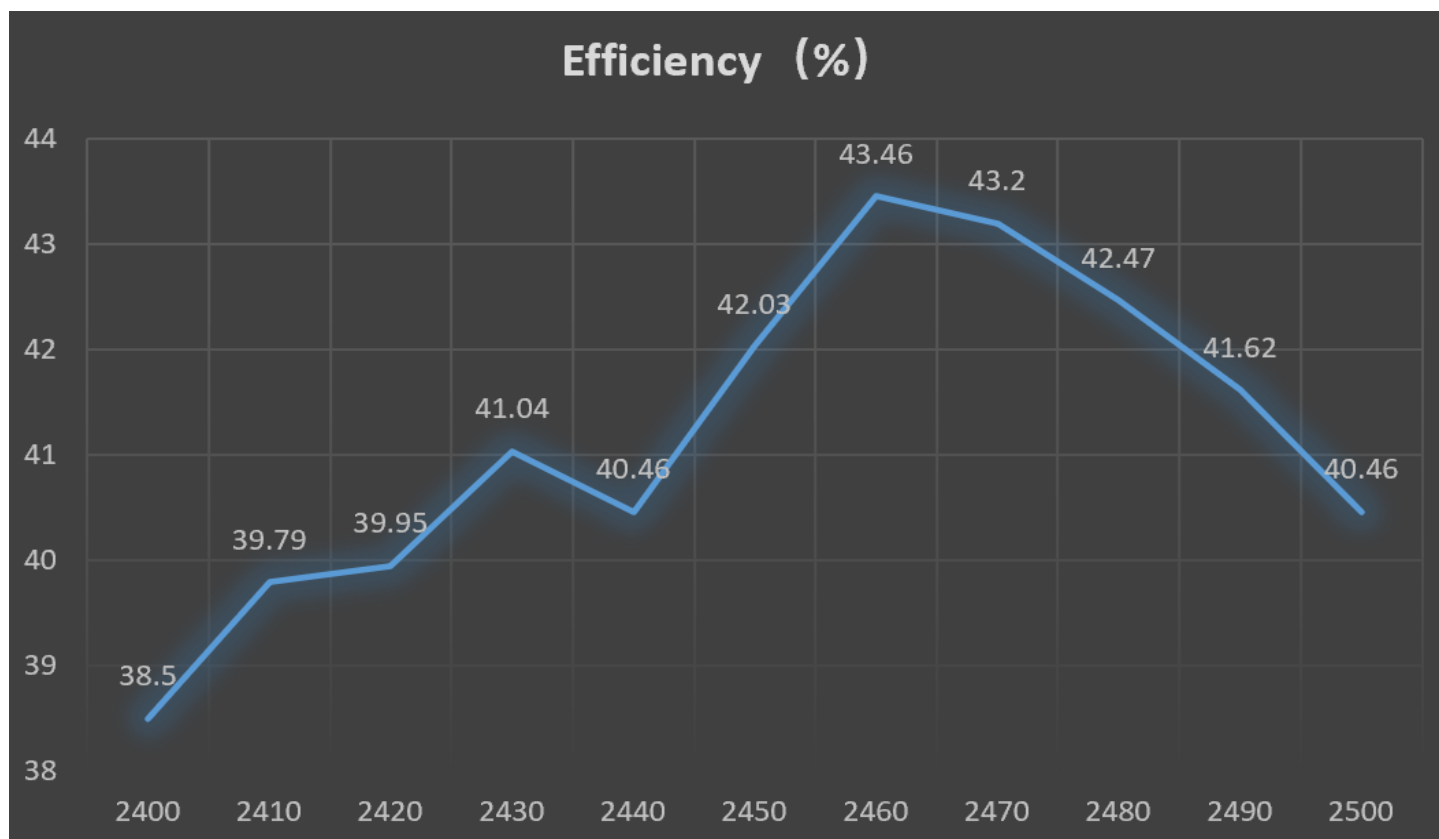


2.1 S11

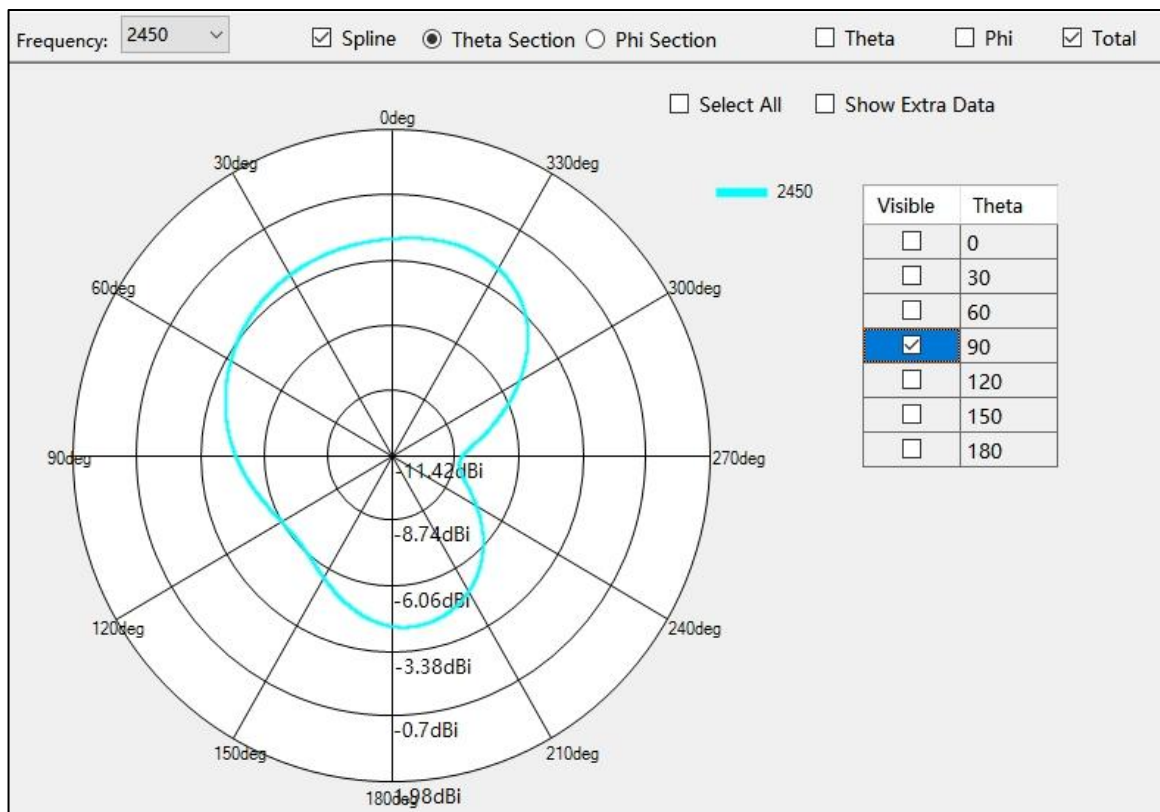


2.2

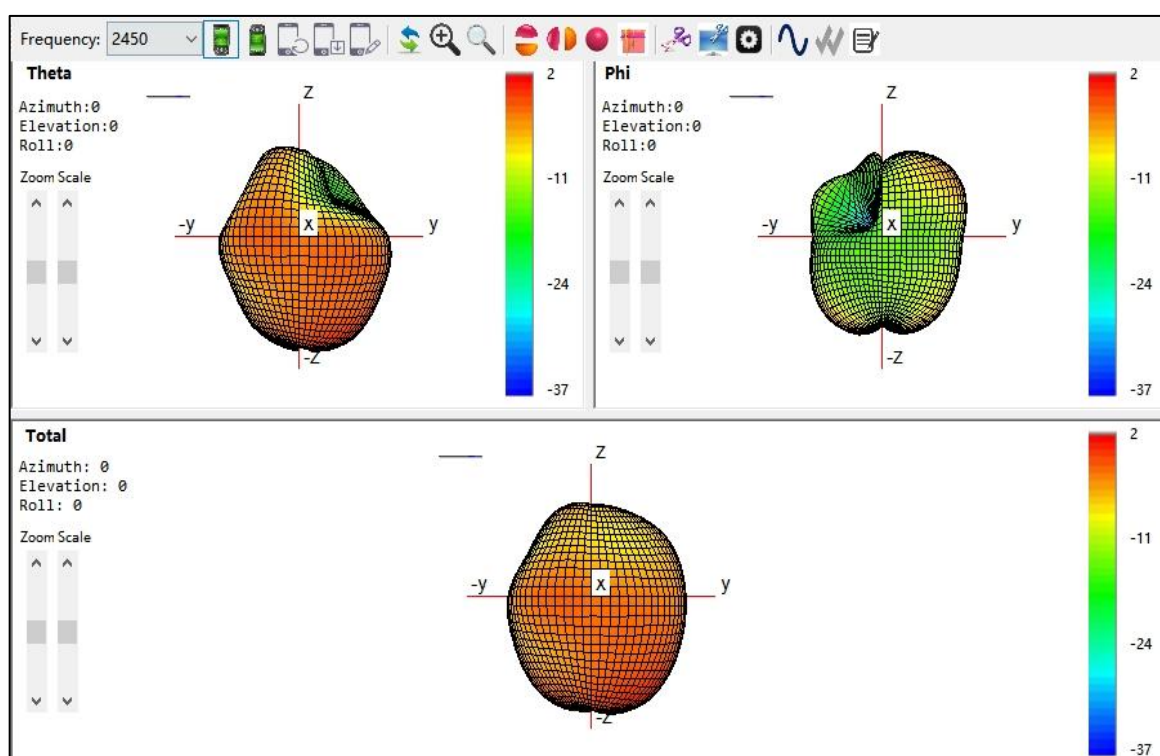
TEST(Efficiency&Gain)



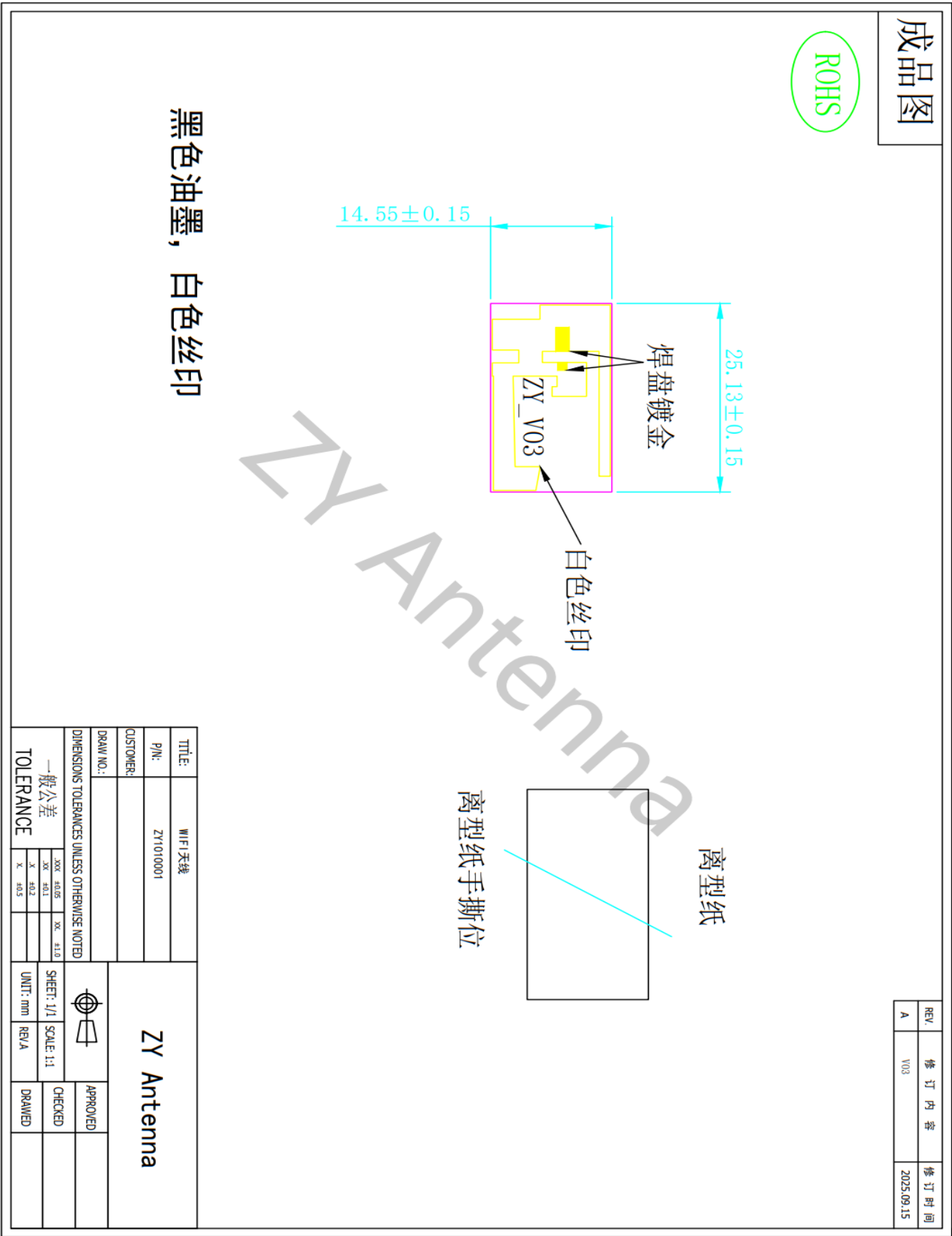
2.3 2D-2450MHZ



2.4 3D-2450MHZ



3. Product Drawing



A futuristic cityscape with glowing circuit lines and data points, creating a high-tech, digital environment. The lines and points are white and yellow, contrasting with the dark background. The overall aesthetic is clean and modern, with a focus on technology and connectivity.

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