

Product Specification

名称/Name: YX-M1 ANT

产品型号/Model: Bracket ANT

物料编号/Material NO: 01.16.030940

编制/Author: He

审核/Review: Zhu Caiyan

核准/Approval: Austin

日期/Date: 2024-5-27

客户审批项 Customer Approved	审核/Review	
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1.Indication

This report summarizes the electrical performance results of the proposed Internal antenna to support YX-M1-2.4G program. The antenna is an assemblyband 2.4G.



Figure 1: Proposed Antenna

2.General Information

- This approval sheet supports for YX-M1-2.4G project.
One internal antennas include in this project. This report is for the performance of 2.4G antenna.
- Antenna shape size: Meet the requirement of YX-M1-2.4G.
- Antenna material: Antenna material meet the requirement of YX-M1-2.4G.
- Adhesive performance: Adhesive performance meet the requirement of YX-M1-2.4G.
- Antenna performance meet the spec below:

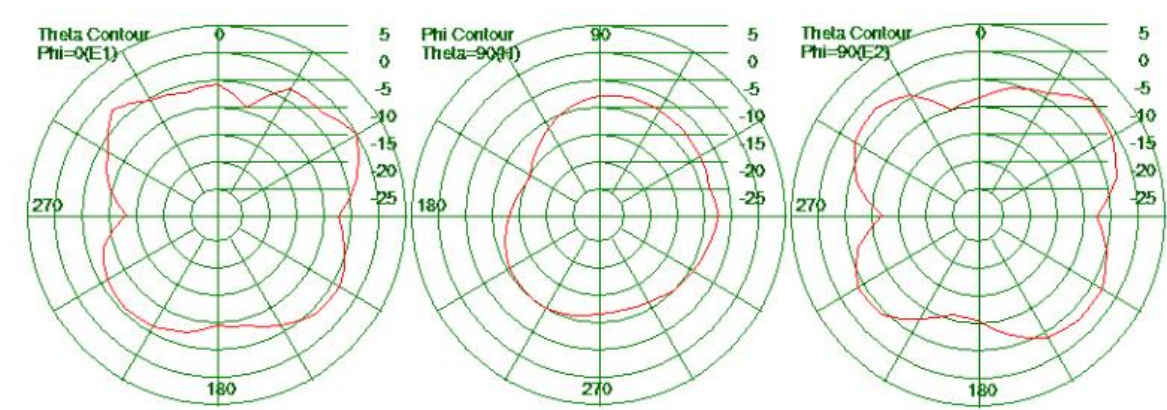
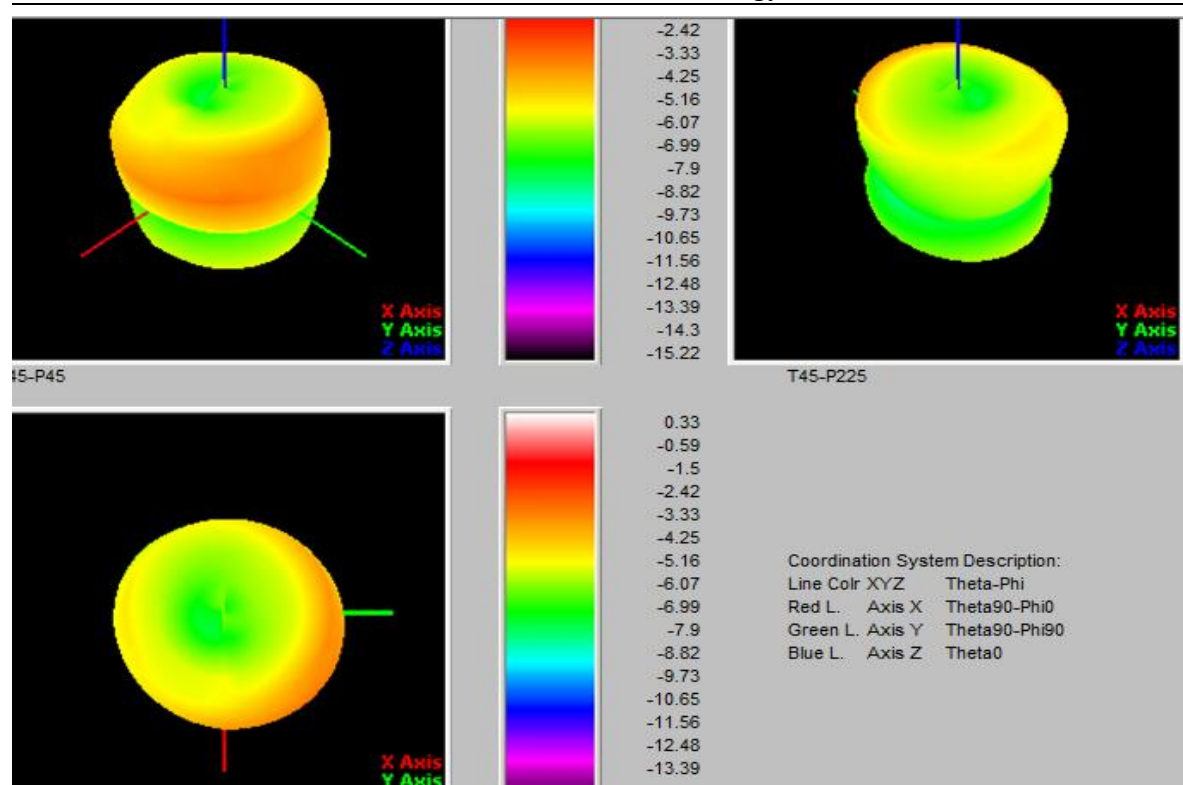
3.Measurement information

3.1. S11



Antenna Passive Test Report:

频率(MHz)	2400	2450	2500
ReturnLoss	-17.84	-36.73	-17.25
VSWR	1.38	1.03	1.35



频率 (MHz)	2400	2410	2420	2430	2440	2450
Gain	1.33	0.27	0.35	0.24	0.33	0.33
Efficiency(%)	44.6	34.3	34.1	32.6	33.1	33.1
频率 (MHz)	2460	2470	2480	2490	2500	
Gain	0.37	0.35	0.40	0.50	0.44	
Efficiency(%)	33.6	33.4	33.4	33.7	32.9	

4. Appearance drawing

