

SPECIFICATION FOR APPROVAL

承認書

Customer Name	JL
Product name	PCB ANT
Product number	/
Prepared By	Jack ma
Checked By	chen jiang he
Approved By	Qin Qing
Apply Date	2023 年 9 月 10 日

CUSTOMER SIGNATURE		
Prepared By	Checked By	Approved By
		
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频率范围 Frequency range	2400 ~ 2500 MHz
增益 Gain	-0.58dBi@2400 ~ 2500 MHz
驻波比系数 VSWR	<2.0
输入阻抗 Input Impedance	50±5 (Ω)
极化方式 Polarization	Vertical Polarization
半功率波束 (3dB) HPW	180° H-plane 120° E-plane

Revision History

Date	Revision	Description of Changes
2023-9-10	RA	Measured with 2.4GHz

1 Technical Summary

This report summarizes the electrical results of the proposed antenna to support the 2.4GHz antenna program.

2 General Description

2.1 Components/Part revisions

VSWR: Voltage Standing Wave Rate.

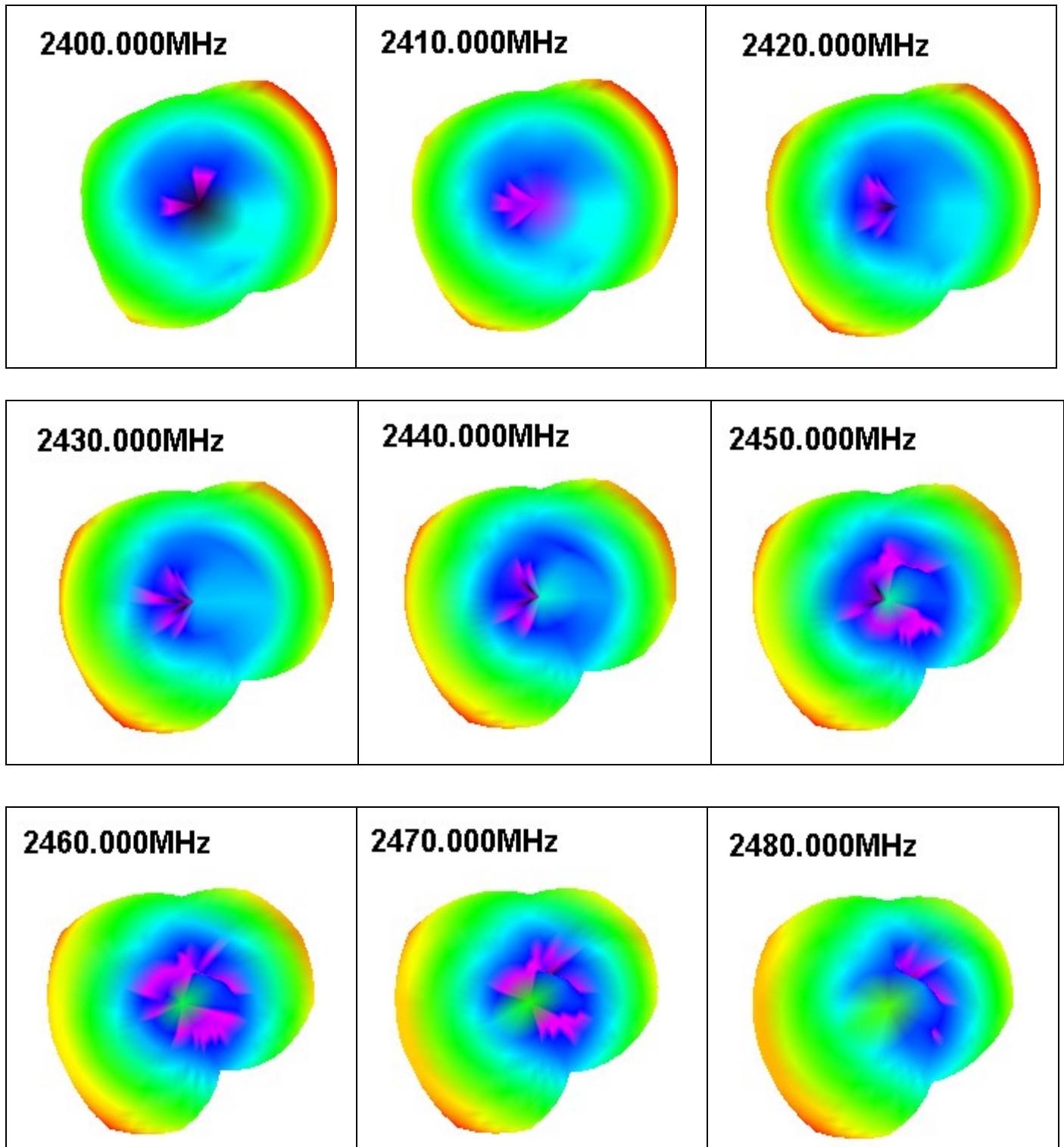
3 Mechanical Description

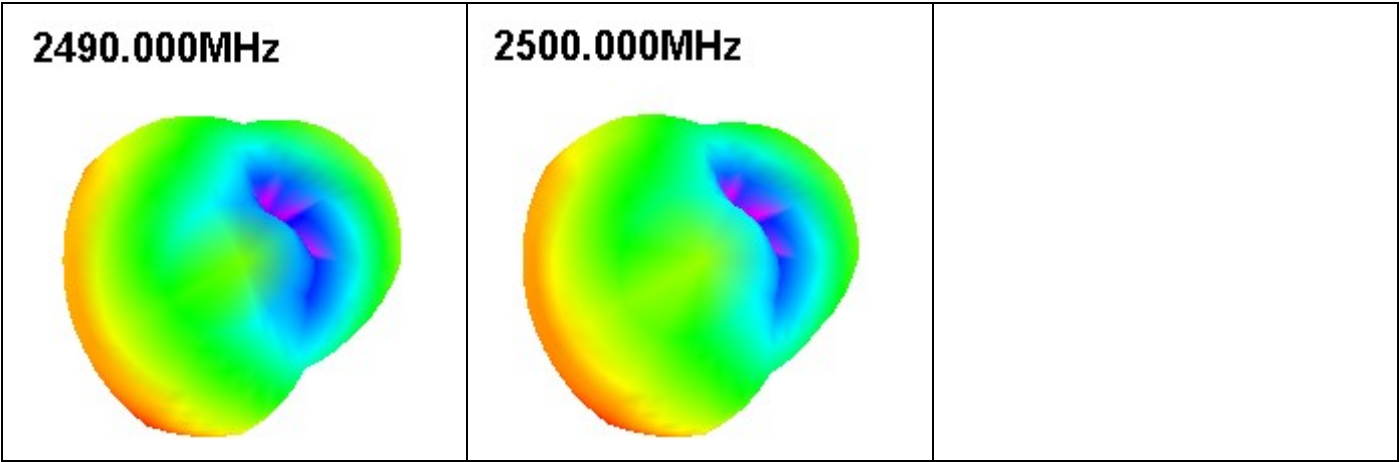
4 Electrical Performance

5 Antenna information



5. Antenna – Radiation Pattern Test Data





Freq	Mhz	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Effi	(%)	41.84	43.63	44.28	45.15	45.37	47.89	49.33	51.30	50.33	50.41	48.58
Gain	(dBi)	-1.32	-0.85	-0.58	-1.33	-2.04	-0.99	-1.0	-0.82	-1.86	-1.44	-2.85

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