

Specification for Approval

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Customer:	JAKA	Vendor:	HL Tronics
Customer P/N:	-	HL P/N:	6NA1648
Customer Device Name:	-	HL Device Name:	Q-2425-02PS
Version:	A	Approval Date:	2024-04-12

Internal Approval		
Approved By:	Checked By:	Prepared By:
Wei Zhang	Wei Zhang	Yan Zhuang
Customer Approval		

➤ **Electrical Specifications:**

NO.	Item	Specifications
1	Model No.	Q-2425-02PS
2	Frequency range (MHz)	2400-2500MHz
3	VSWR	≤ 2.0
4	Peak Gain	2dbi $\pm$ 1dbi
5	Impedance	50 Ω

Outline

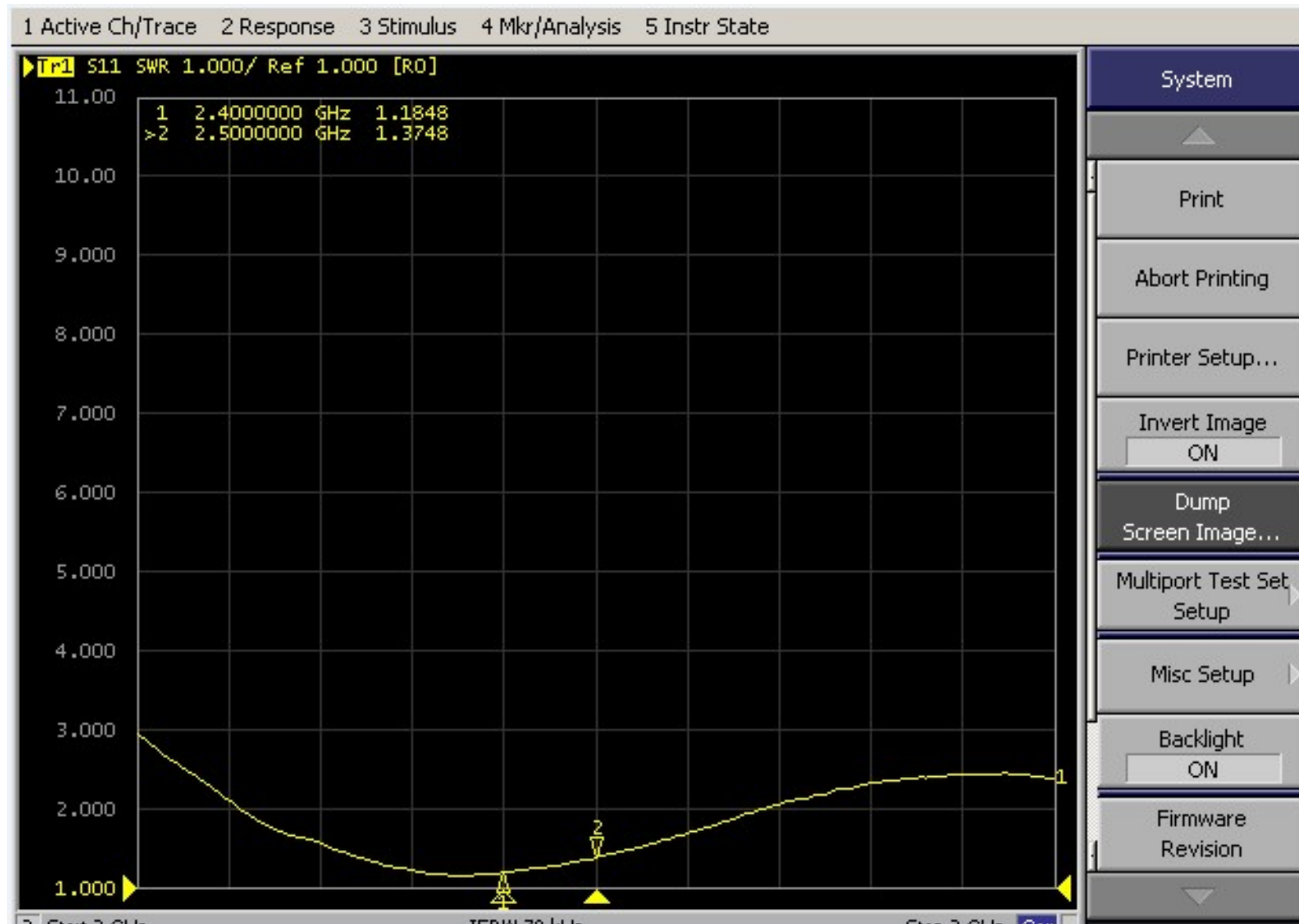
1. Benchmark
2. S-Parameters(VSWR)
3. Antenna Efficiency & Peak Gain
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Customer:
Project Name: 2G
Designer: Lzh
Date:

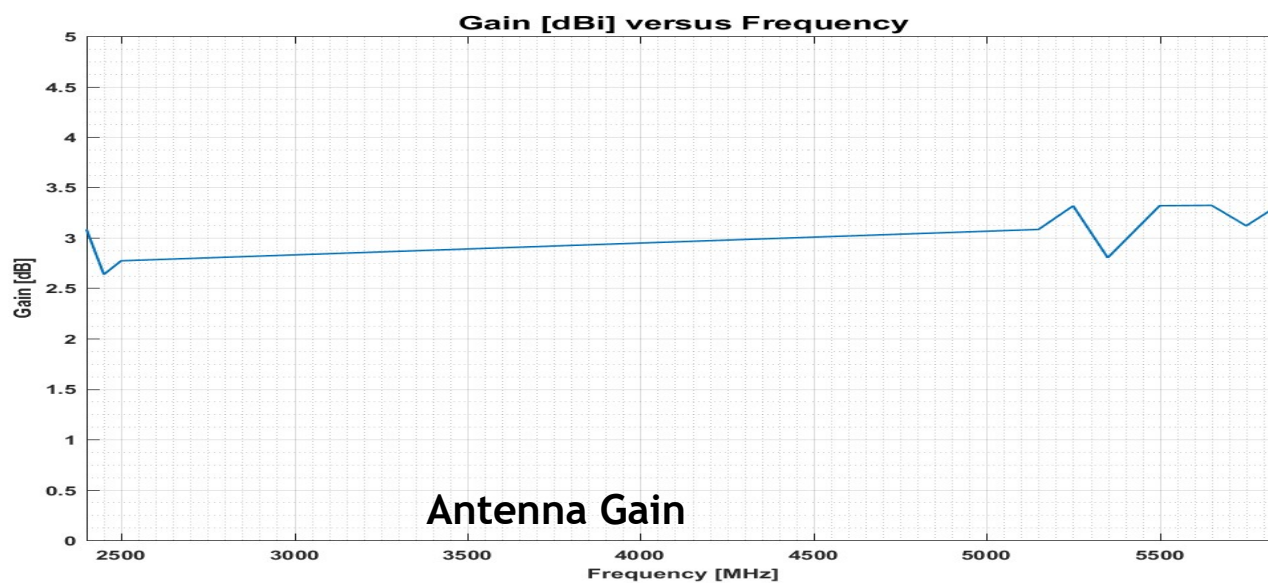
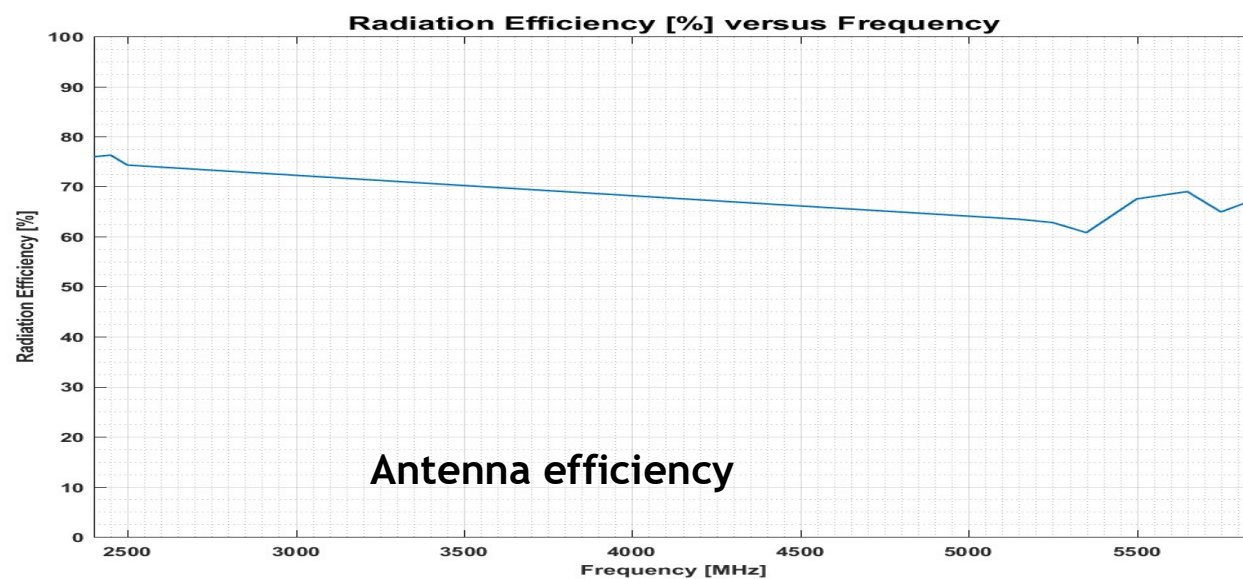
1.Benchmark



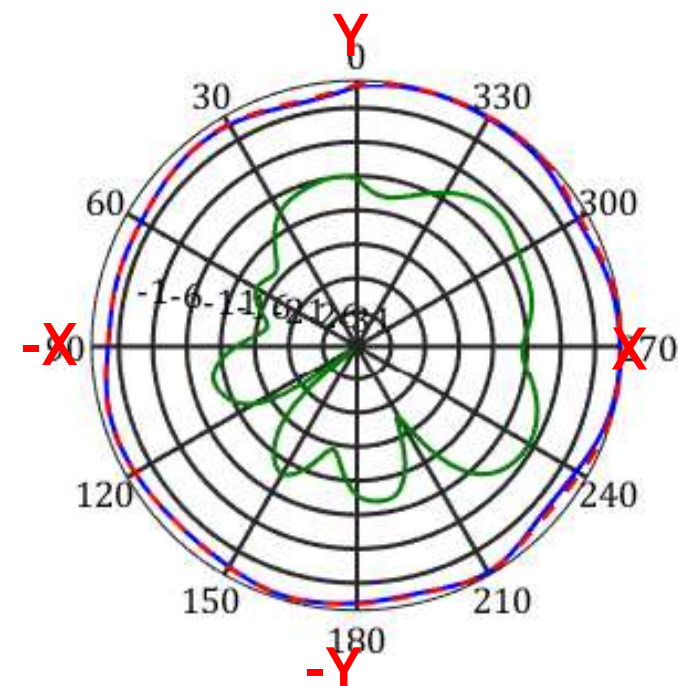
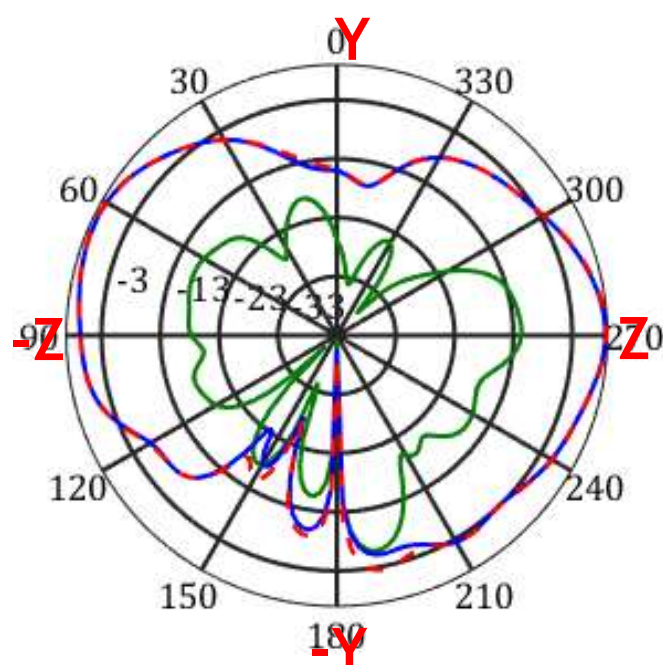
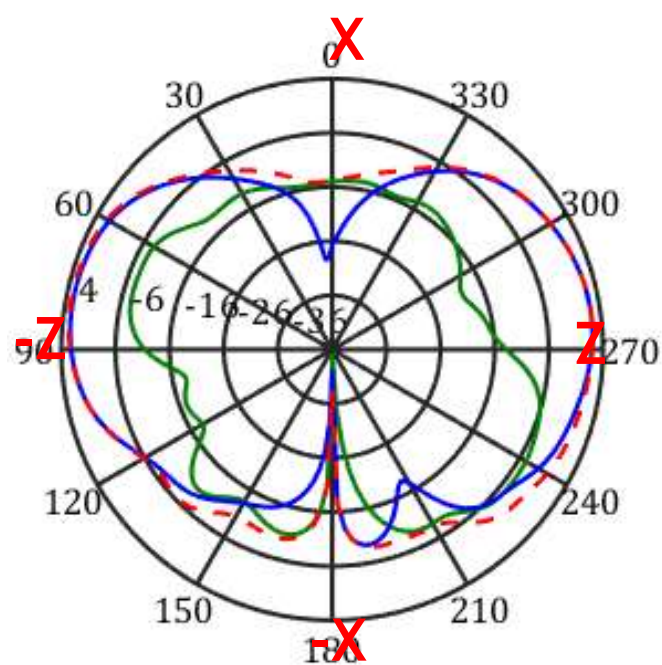
2. S-Parameters(VSWR)



3. Antenna Efficiency & Peak Gain



4. Radiation patterns (2G)



5.Summary

1.Measurement data:

Item	Frequency(MHz)	2400	2450	2500
2G	Peak Gain(dBi)	3.12	2.85	2.46
	Efficiency(%)	71.25	74.26	73.82

