

## CONTENTS

<b>Customer:</b>	N/A	<b>Vendor:</b>	N/A
<b>Customer P/N:</b>	N/A	<b>HL P/N:</b>	N/A
<b>Customer Device Name:</b>	N/A	<b>HL Device Name:</b>	N/A
<b>Version:</b>	Initial Release	<b>Approval Date:</b>	2024-07-02
<b>Product model:</b>	HSEL3_02_00f_32	<b>Pcb antenna brand:</b>	Fuxiang
<b>Address</b>	Building 11, Shapuwei Entrepreneurship Industrial Zone, Songgang Town, Bao'an District, Shenzhen	<b>Manufacturer</b>	Shenzhen FuXiang Technology Co., Ltd.

Internal Approval		
<b>Approved By:</b>	<b>Checked By:</b>	<b>Prepared By:</b>
		TIAN XIANG
Customer Approval		

Revision:

Date	Rev	Description of Changes
2018-10-09	A	Initial Release

## 1、Products Electrical

### PCB Antenna

1	Antenna Model	PCB Antenna
2	Frequency Range	2400-2500MHz
3	VSWR	<2
4	Broadband	>100MHz
5	Impedance	50 ohm
6	Max Gain	1.02dbi
7	Polarization	LP

## 2、Antenna Test Data

## 2.1 VSWR

2024-08-20



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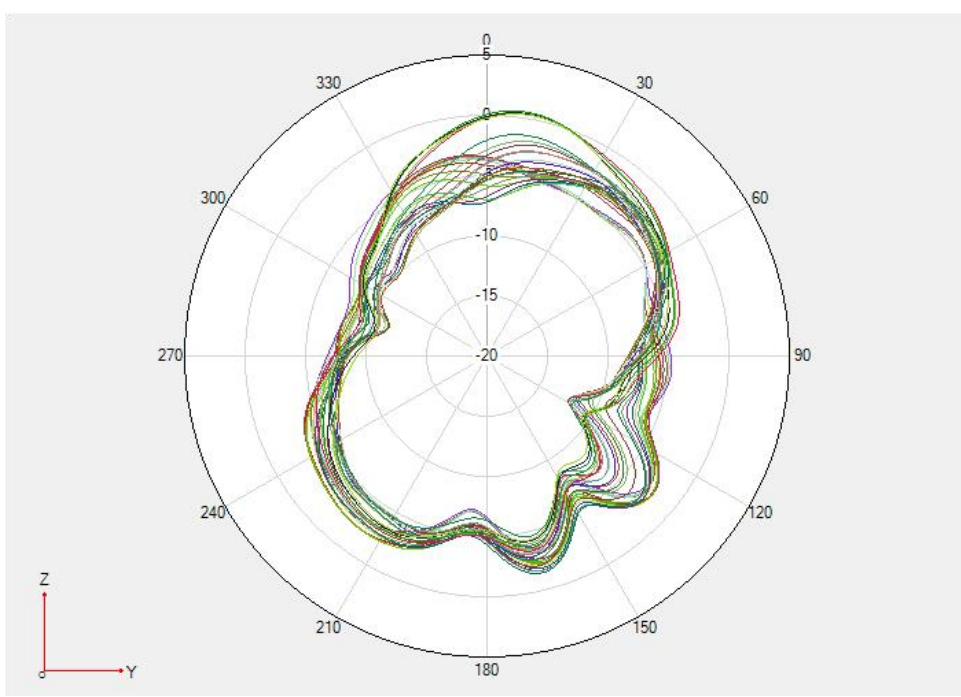
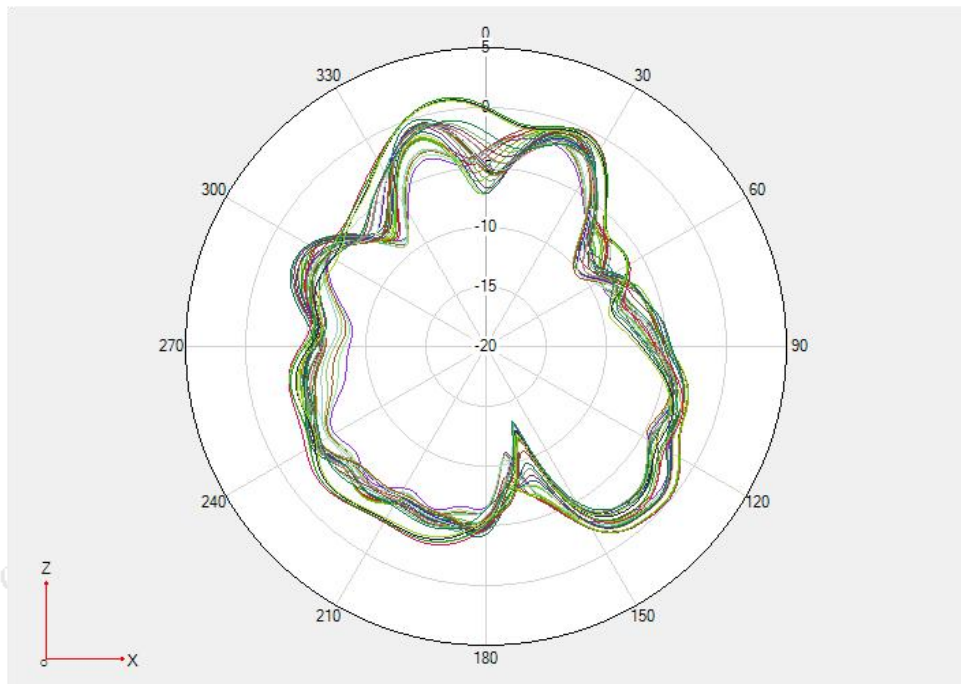
Confident

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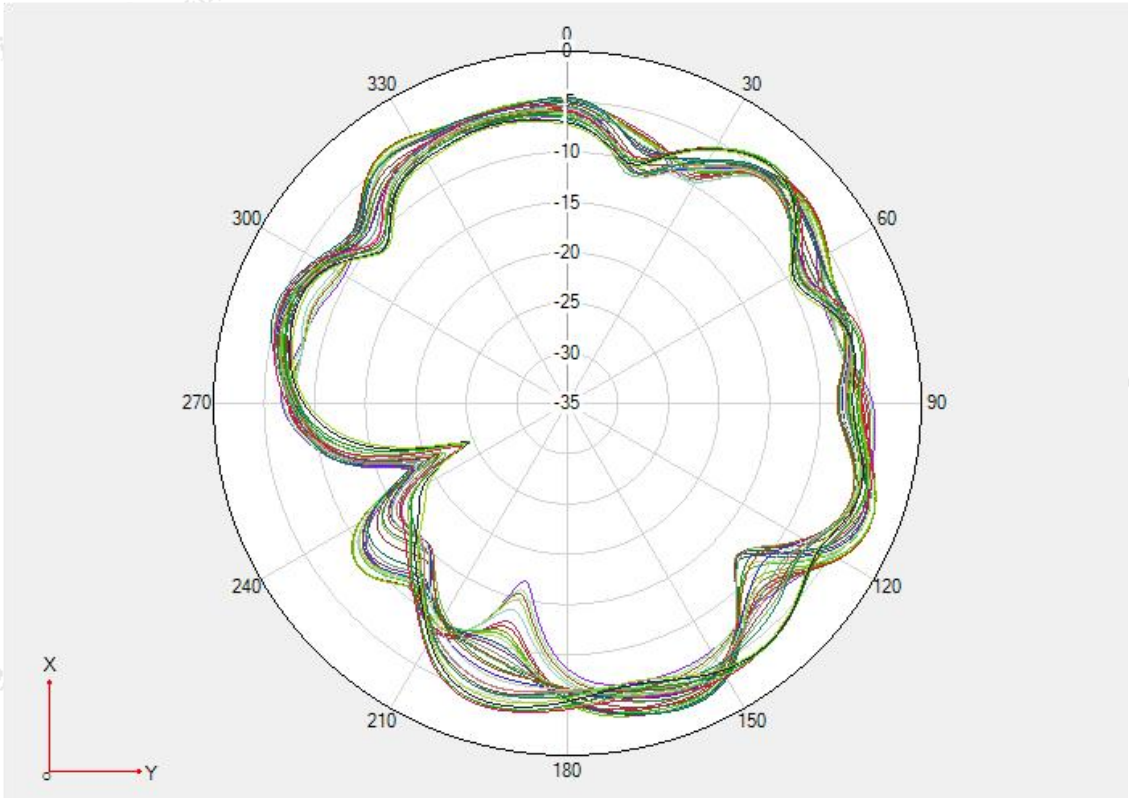
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## 2.2 RADIATION PATTERNS



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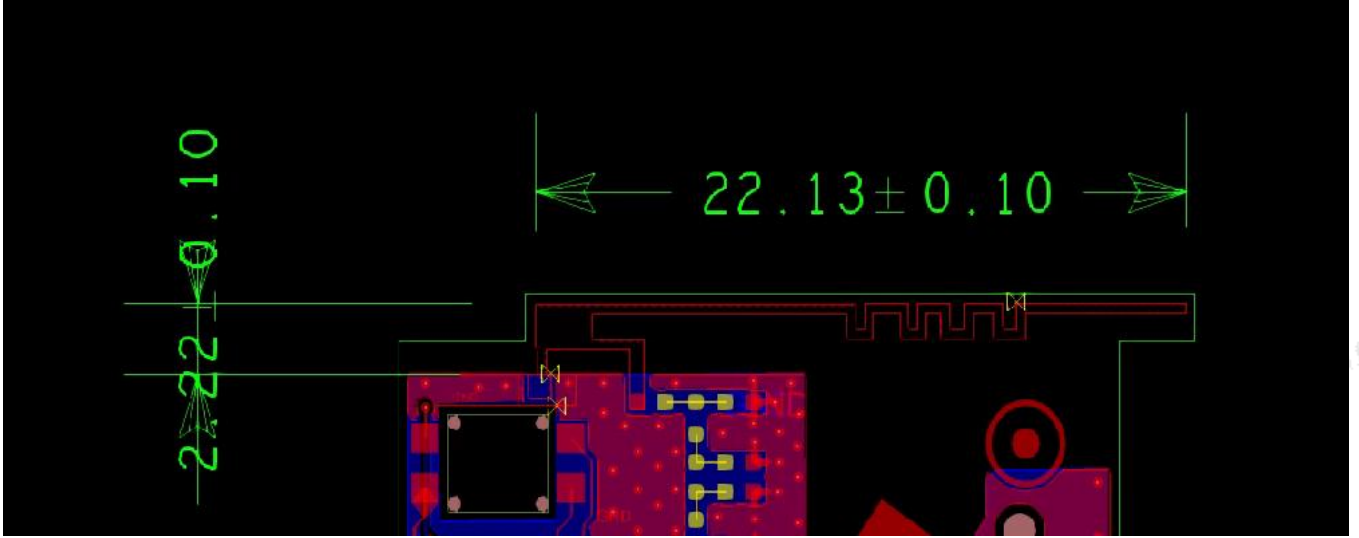
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### 2.3 GAIN AND EFFICIENCY

Frequency/Mhz	Efficiency / %	MaxGain/dBi
2400	26.24	0.48
2410	26.3	0.65
2420	25.35	0.87
2430	25.53	1.02
2440	25.94	0.67
2450	26.98	0.89
2460	25.29	0.81
2470	25.82	0.78
2480	26	0.61
2490	25.41	0.56
2500	24.95	0.11

### 3、PCB ANTENNA (MM)



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