

Specification for Approval

CONTENTS

Customer:	N/A	Vendor:	N/A
CustomerP/N:	N/A	HL P/N:	N/A
Productmodel:	HSELCQ_02_30MG_B0	HL Device Name:	N/A
Pcbantenna brand:	Fuxiang	Approval Date:	2026-7-22

Internal Approval		
Approved By:	Checked By:	Prepared By:
		Zhang Bin
Customer Approval		

Revision:

Date	Rev	Description of Changes
2024-10-18	A	Initial Release

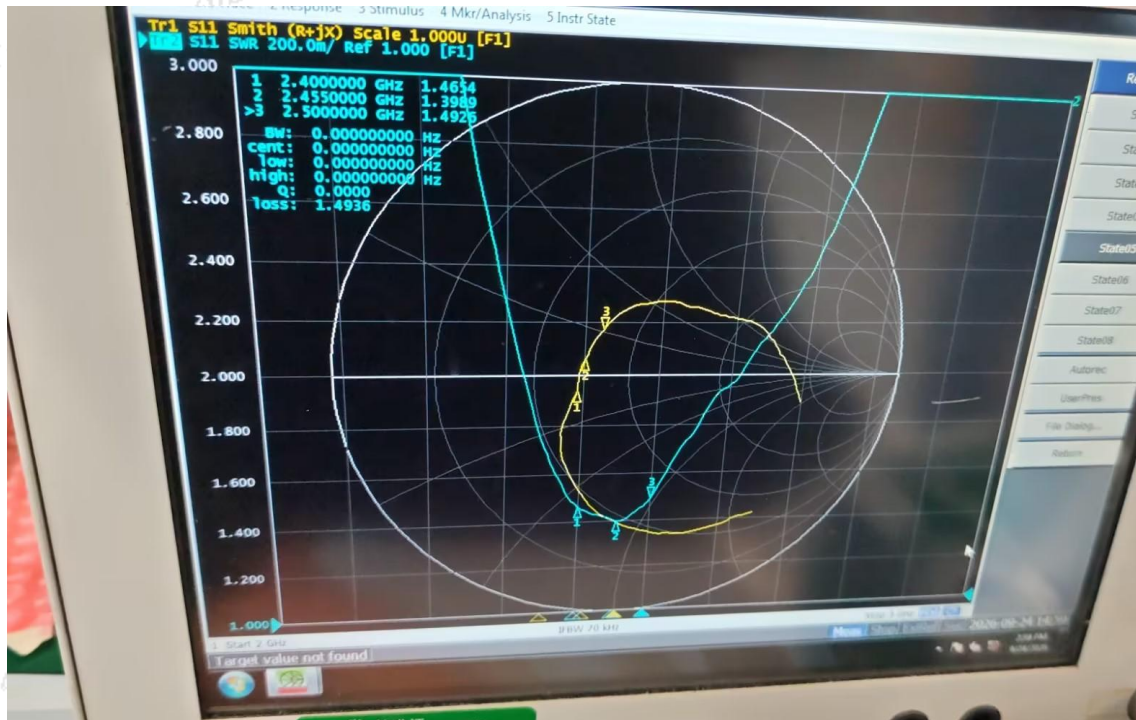
1、Products Electrical

PCB Antenna

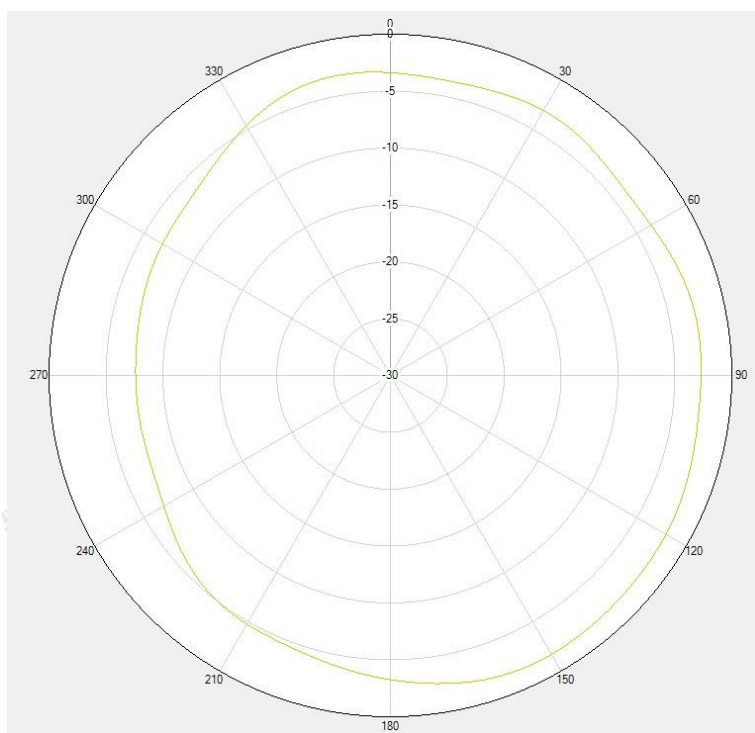
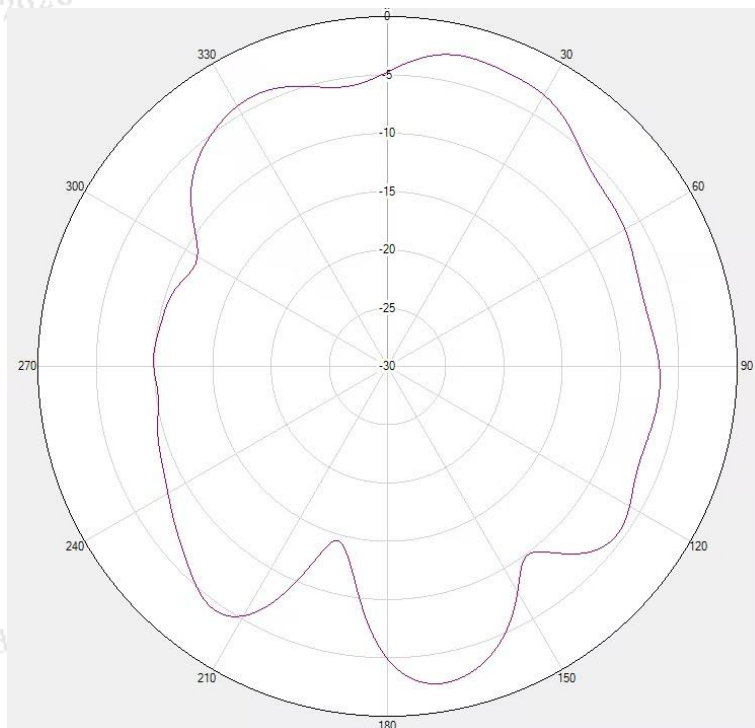
1	Antenna Model	PCB IFA Antenna
2	Frequency Range	2400-2500MHz
3	VSWR (orreturnloss)	<2 (<-9.5dB)
4	Broadband	>100MHz
5	Impedance	50 ohm
6	Gain	-1.3dBi
7	Polarization	LP

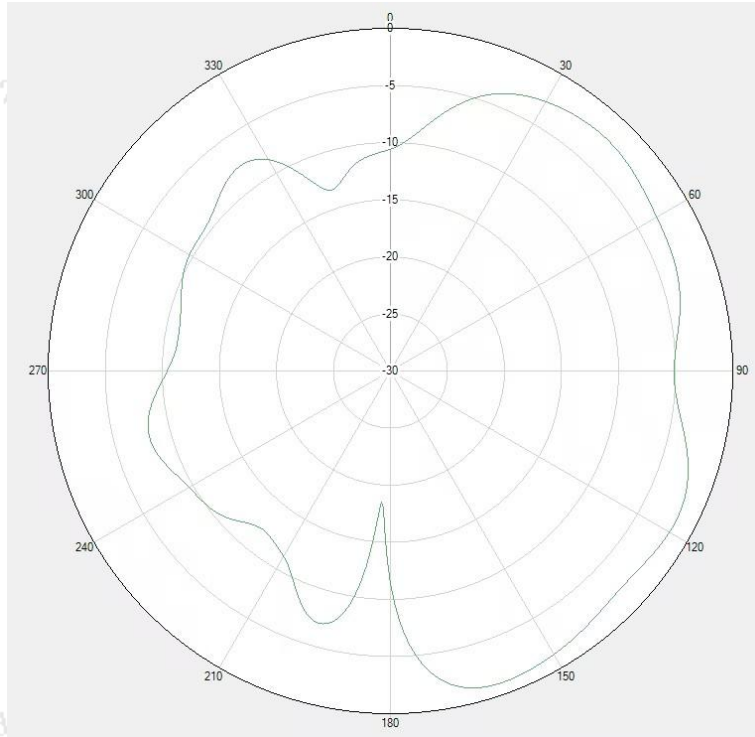
2、Antenna Test Data

2.1 Returnloss



2.2 RADIATION PATTERNS 2450MHz





2.3 GAIN AND EFFICIENCY

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	27.6	-2.3
2410	28.0	-2.2
2420	26.4	-2.1
2430	24.3	-1.8
2440	29.5	-1.5
2450	29.8	-1.3
2460	29.2	-1.7
2470	29.0	-1.7
2480	29.6	-1.8
2490	27.5	-2.2
2500	27.2	-2.1

3、PCB ANTENNA (MM)

