

## Specification for Approval CONTENTS

Customer:	N/A	Vendor:	hanshow
CustomerP/N:	N/A	HL P/N:	N/A
Customer Device Name:	N/A	HL Device Name:	N/A
Version:	Initial Release	Approval Date:	2021-12-01

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

Revision:

Date	Rev	Description of Changes
2021-12-01	A	Initial Release

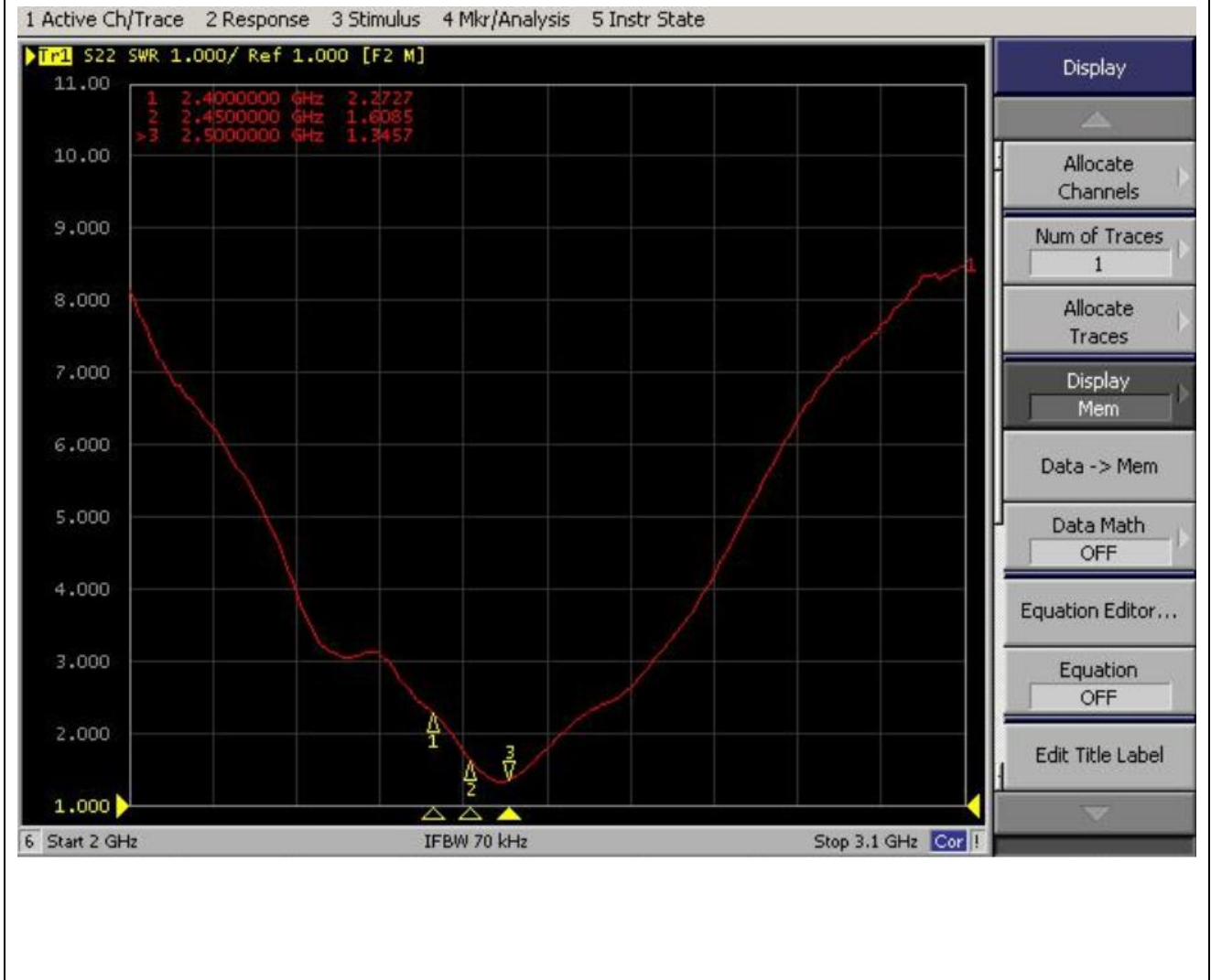
## 1、Products Electrical

### PCB Antenna

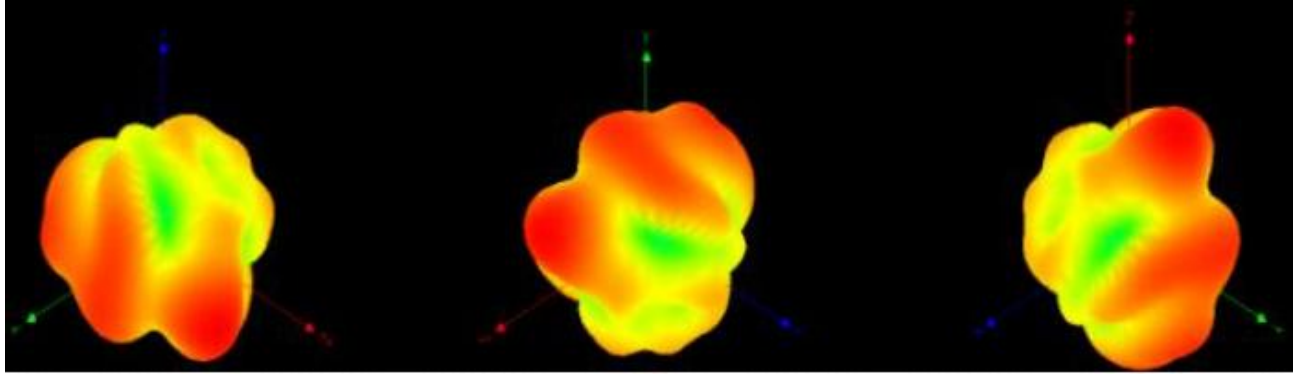
1	Antenna Model	PCB IFA Antenna
2	Frequency Range	2400-2500MHz
3	VSWR	<2
4	Broadband	>100MHz
5	Impedance	50 ohm
6	Gain	1.88dbi
7	Polarization	LP

## 2、Antenna Test Data

## 2.1VSWR



2.2 RADIATION PATTERNS 2450MHz



2.3 Gain And Efficiency		
Frequency/MHz	Efficiency(%)	Gain/dBi
2400	37.60	1.65
2410	38.13	1.68
2420	39.53	1.54
2430	40.98	1.44
2440	40.87	1.16
2450	38.77	1.76
2460	37.71	1.46
2470	37.29	1.59
2480	37.50	1.77
2490	37.39	1.88
2500	36.98	1.84
AVG	38.43	1.62

### 3、PCB

