

4Specification for Approval

CONTENTS

Customer:	N/A	Vendor:	N/A
Customer P/N:	N/A	HL P/N:	N/A
Customer Device Name:	N/A	HL Device Name:	N/A
Version:	Initial Release	Approval Date:	2024-01-12

Internal Approval		
Approved By:	Checked By:	Prepared By:
		TIAN XIANG
Customer Approval		

Revision:

HL Tronics (Kunshan) Co., Ltd.

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Co.,Ltd.

HL Tronics (Kunshan)

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

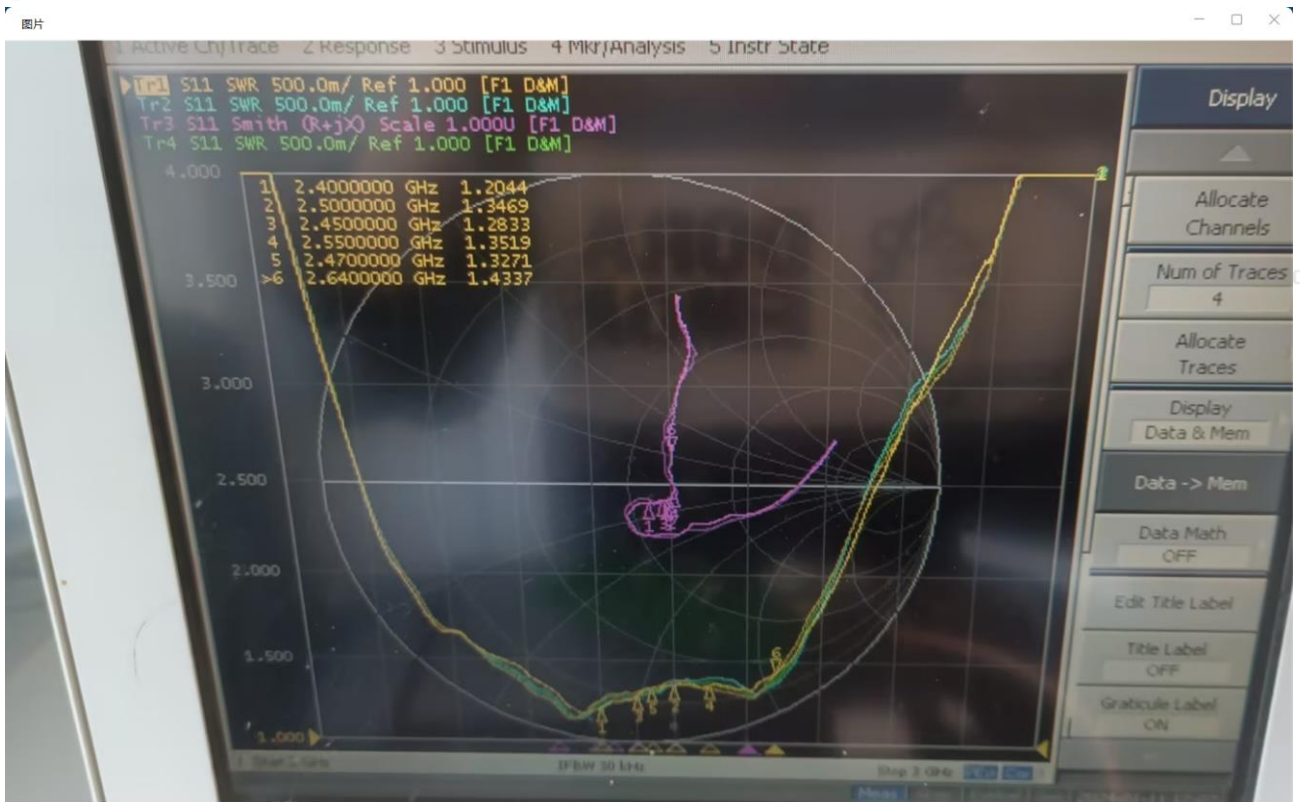
1、Products Electrical

PCB Antenna

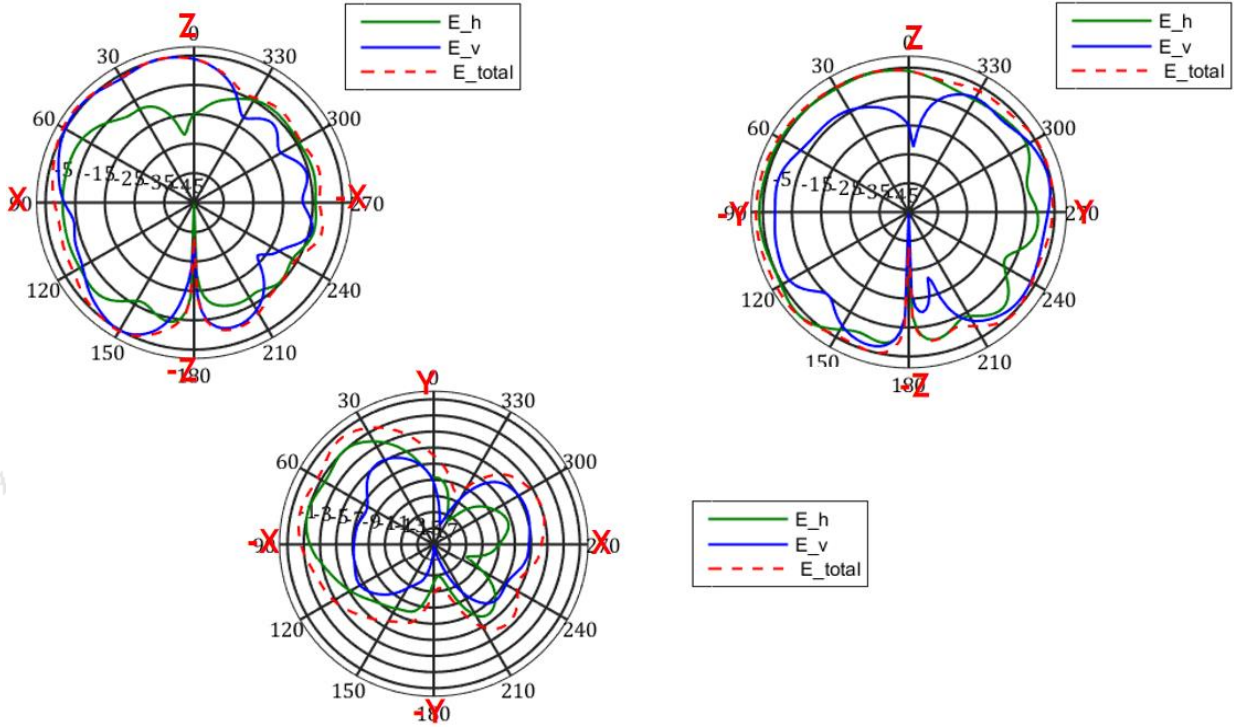
1	Antenna Model	dipole Antenna
2	Frequency Range	2400-2500MHz
3	VSWR	<2
4	Broadband	>100MHz
5	Impedance	50 ohm
6	Gain	0.5dbi±1dbi
7	Polarization	LP

2、Antenna Test Data

2.1 VSWR



2.2 RADIATION PATTERNS



2.3 GAIN AND EFFICIENCY

item	Freq (MHz)	2400	2445	2480
ant	Peak Gain(dBi)	0.28	1.0	0.49
	Efficiency(%)	36	39	34

3、PCB ANTENNA (MM)

