

Specification 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:	2024-01-09

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

Revision:

Date	Rev	Description of Changes
2018-03-09	A	Initial Release

1、Products Electrical

PCB Antenna

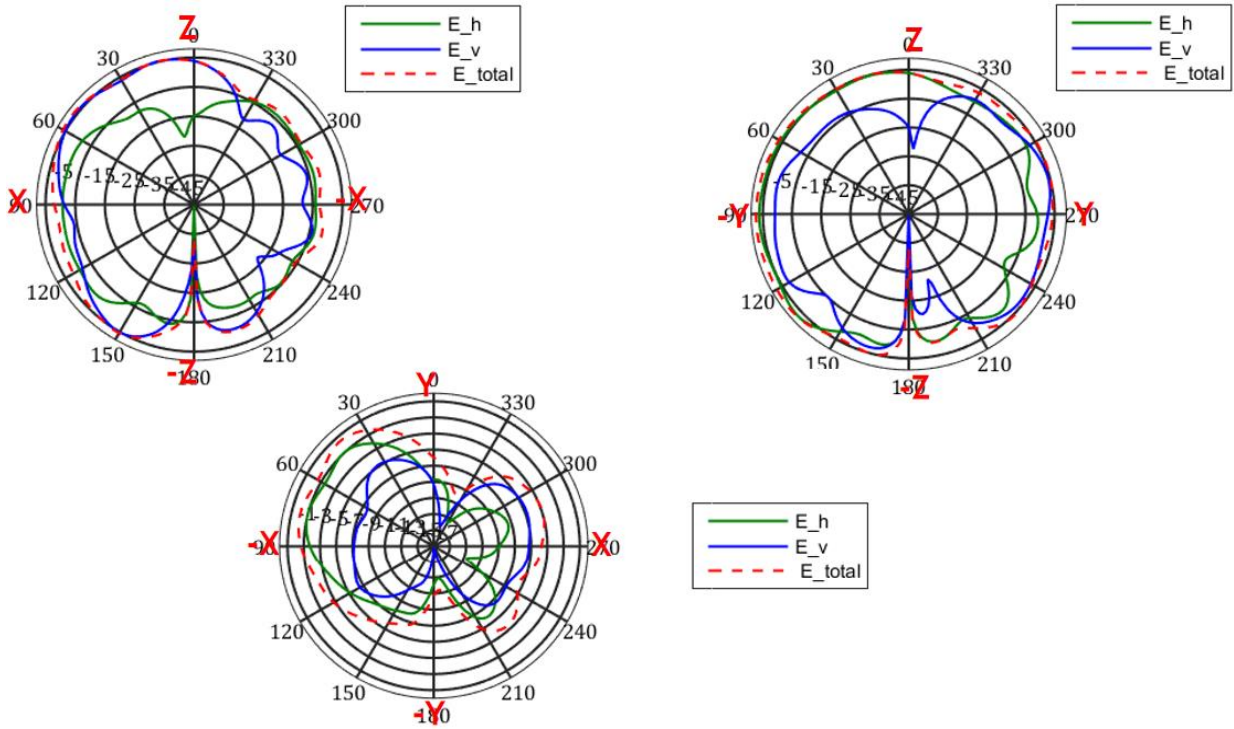
1	Antenna Model	PCB dipole Antenna
2	Frequency Range	2400-2500MHz
3	VSWR	<2
4	Broadband	>100MHz
5	Impedance	50 ohm
6	Gain	>0dbi
7	Polarization	LP

2、 Antenna Test Data

2.1 VSWR



2.2 RADIATION PATTERNS



2441MHz

2.3 GAIN AND EFFICIENCY

Frequency (MHz)	Efficiency (%)	Gain (dBi)
2400	32.60	0.16
2410	37.88	1.34
2420	39.09	1.59
2430	37.56	1.28
2440	34.34	0.66
2450	33.68	0.32
2460	30.64	0.51
2470	31.64	0.02
2480	32.46	0.20
2490	33.26	0.39
2500	33.55	0.30

3、PCB ANTENNA (MM)

