

Shenzhen Zetian Electronics Co.,Ltd

Address:1001, Building 1, Chengxin Taifeng Building, Qianjin Road, Xin 'an Street,
Bao 'an District, Shenzhen

SPECIFICATION

Product / Name: PCB450815IMAB301

Product Description : FPC

customer: Guangdong Piebot Robotics Technology Co.,Ltd.

Shenzhen Zetian Electronics Co.,Ltd		
Dept:Qualit	Dept:engineering	Dept:sale
Lifang	haibing	Liping

customer		
Confirm	Audi tor	Approving
jinhua	jinhua	binzhou
Result: ☒ Accept ☐ Reject		
Note: N/A		

catalog

[illegible]

Product Description

●Electrical Performance:

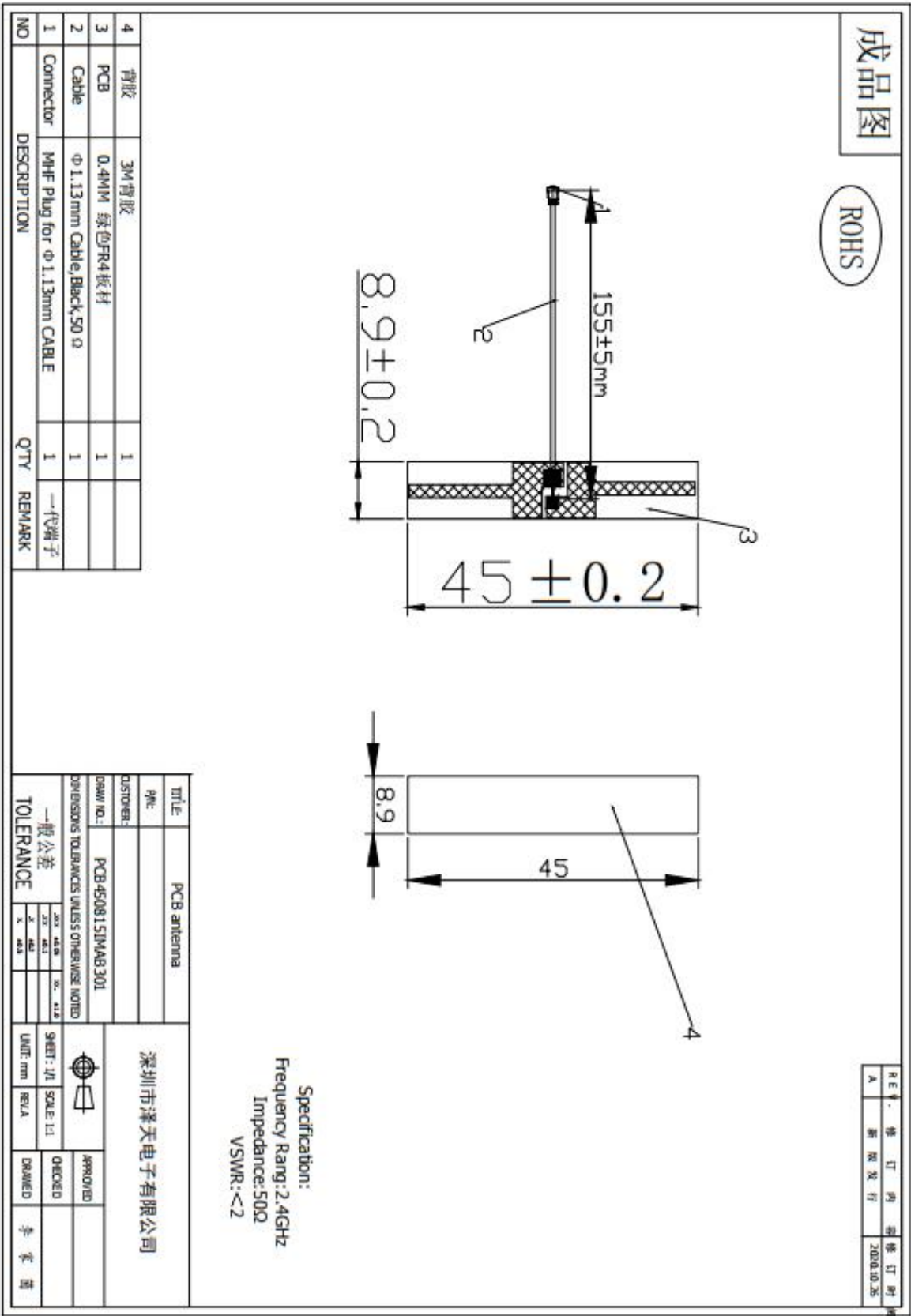
1. Frequency Range.....2.4GHz
2. Impedance.....50 Ω Nominal
3. Insertion Loss.....

2.4GHz-----	11.680dB
2.45GHz-----	23.382dB
2.5GHz-----	12.280dB
4. VSWR.....2.0 (MAX)

●Mechanical properties:

1. Cable.....MI1.13 Cable (Black)
2. Operating Temp.....-20 $\sim$ $\pm$ 65
3. Storage Temp.....-30 $\sim$ $\pm$ 75
4. Connector.....IPEX 一代(副厂)

Product graph

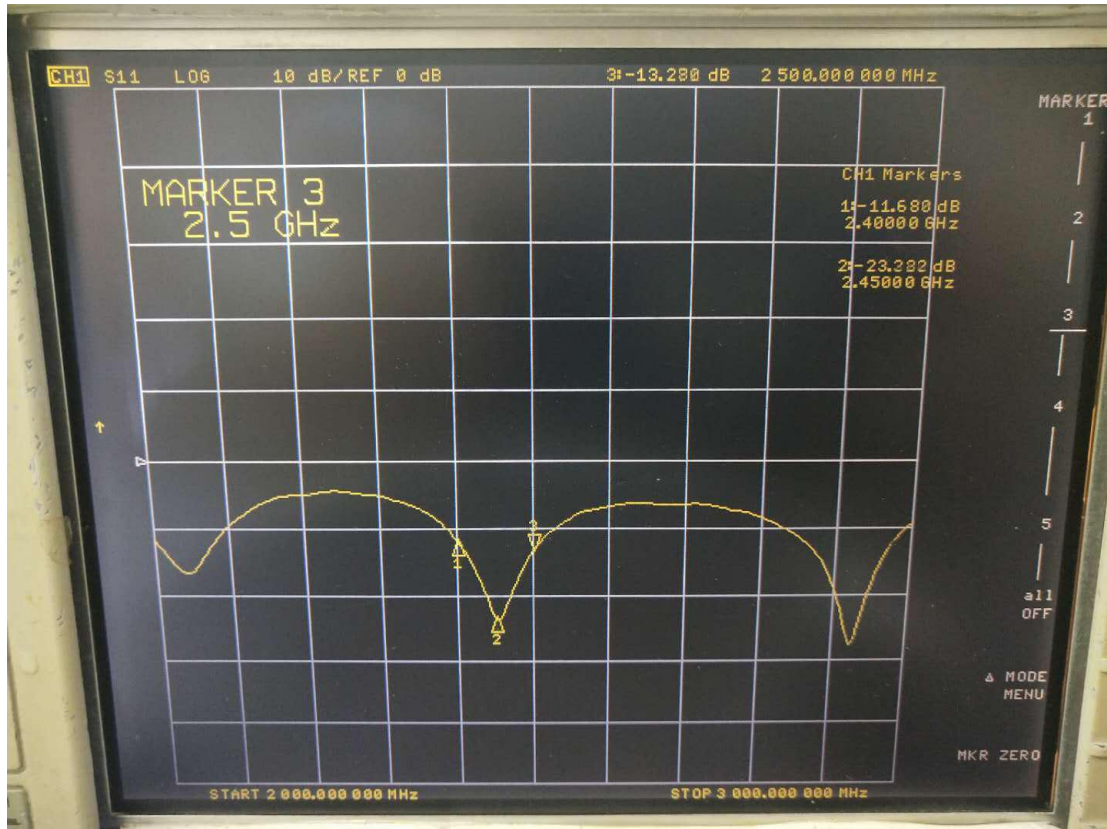


test data

Name:PCB45081MAB301

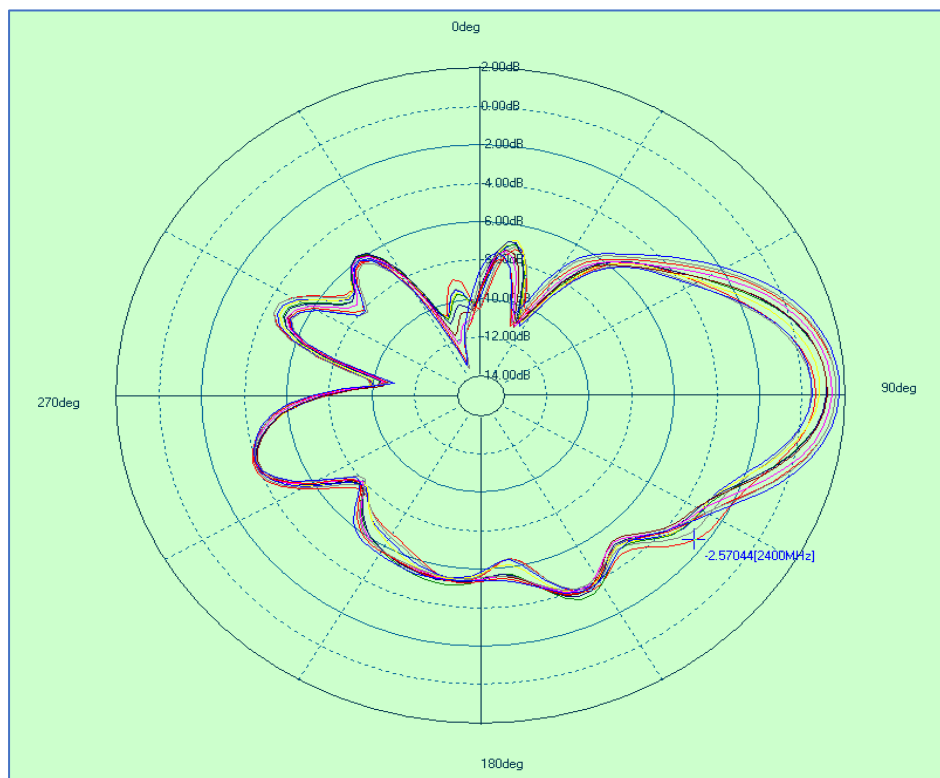
Specification: 2.4GHz PCB ANTENNA Assembly L=155mm

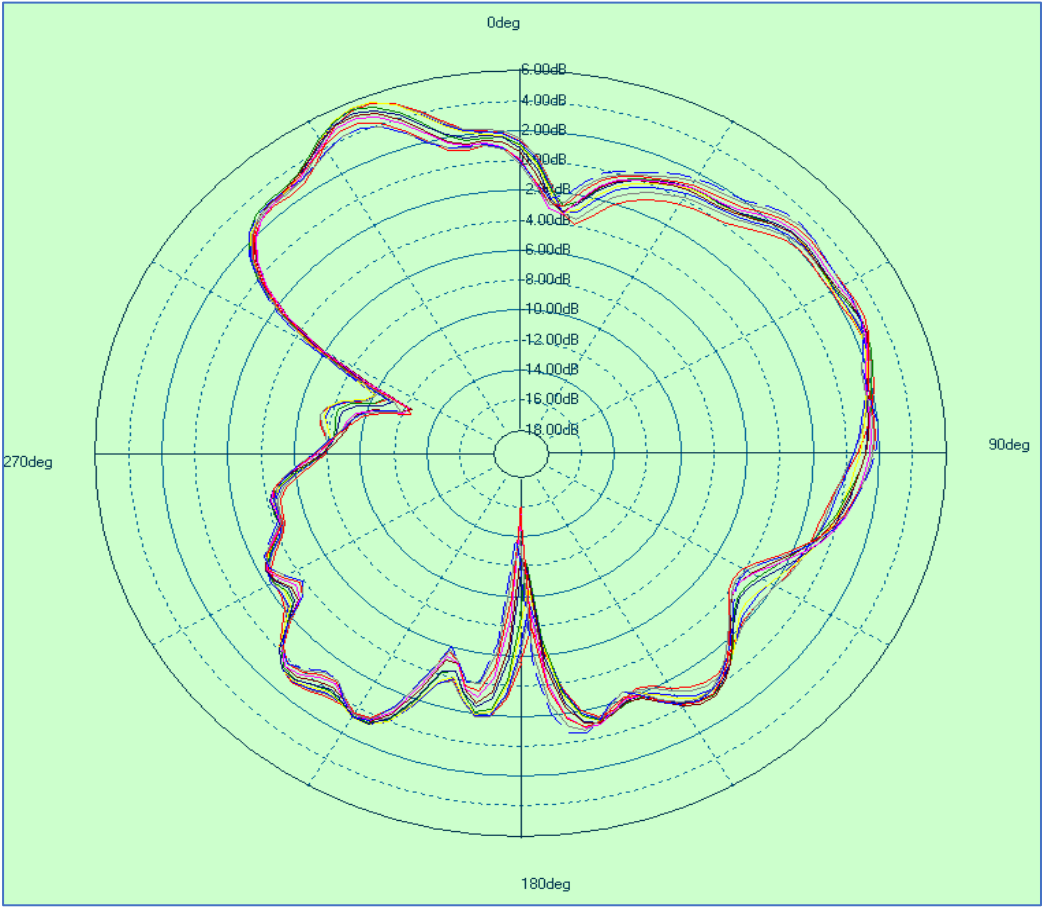
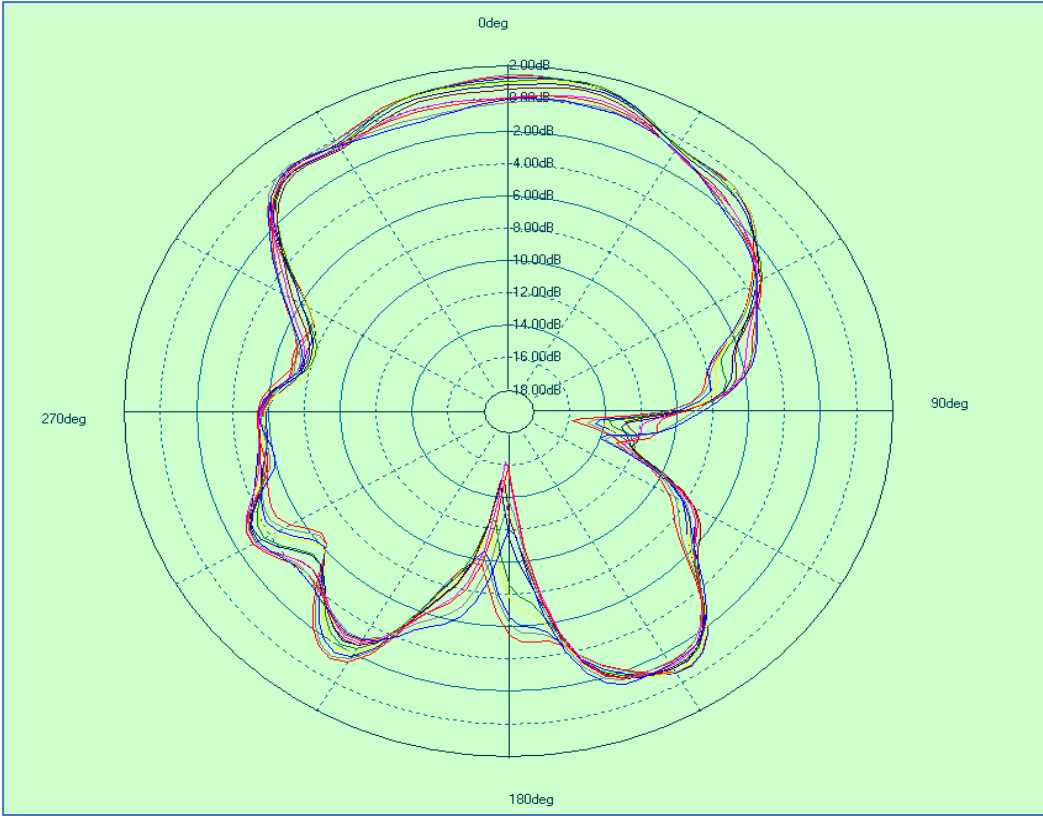
test value: Insertion Loss



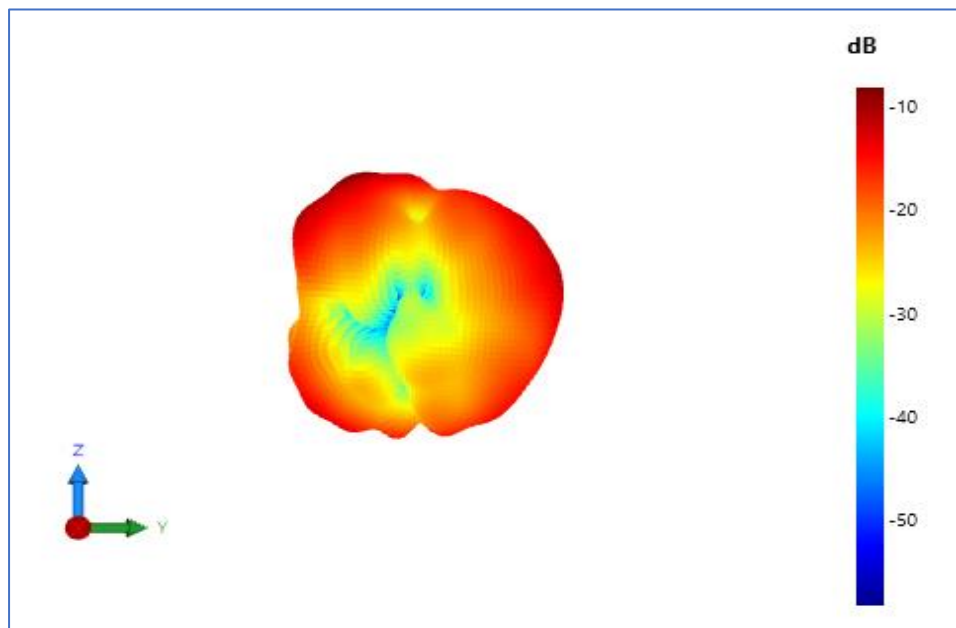
Antenna gain and efficiency			
Frequency	E Total. dB(dB)	Frequency	Efficiency(
2400MHz	4.60	2400MHz	60%
2410MHz	4.67	2410MHz	61%
2420MHz	4.70	2420MHz	60%
2430MHz	4.72	2430MHz	60%
2440MHz	4.57	2440MHz	60%
2450MHz	4.33	2450MHz	60%
2460MHz	4.22	2460MHz	58%
2470MHz	4.03	2470MHz	59%
2480MHz	3.96	2480MHz	60%
2490MHz	3.75	2490MHz	59%
2500MHz	3.73	2500MHz	60%

2D graph





3D graph



Resident wave return loss diagram

