

Shenzhen Sumeng Technology Co., Ltd.



PPS-1-PCBANT SPECIFICATION

On-Board PCB Antenna for Pawprints Button Sensor

2024-10-10

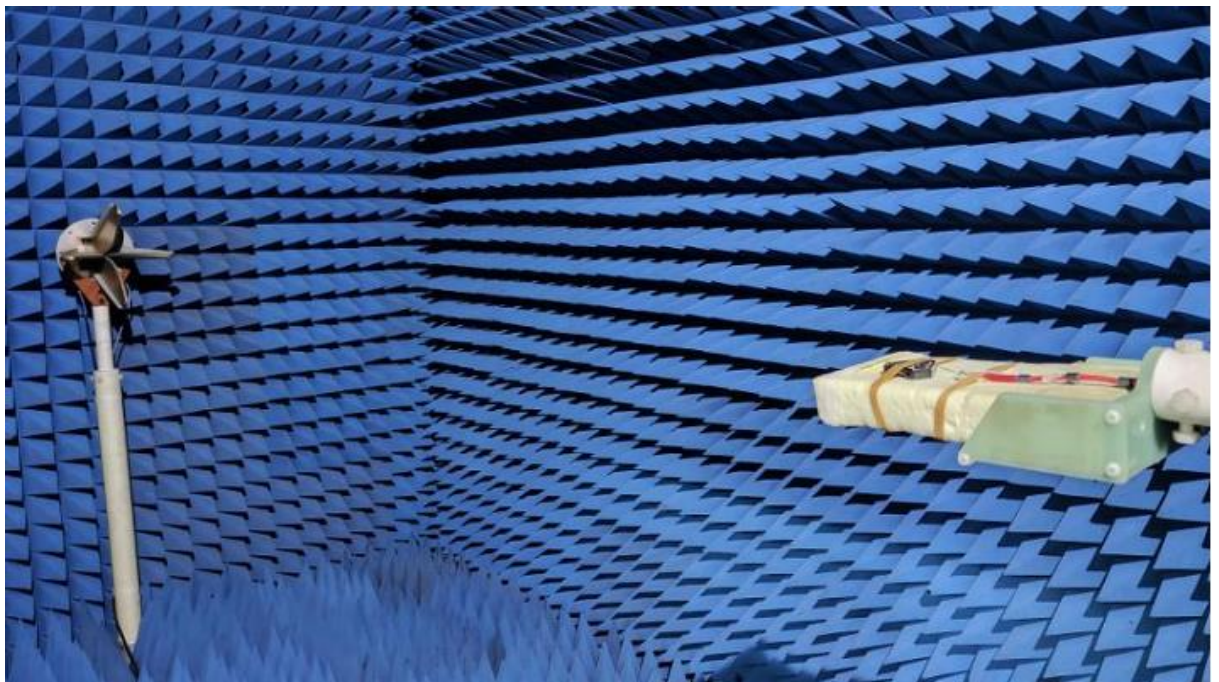
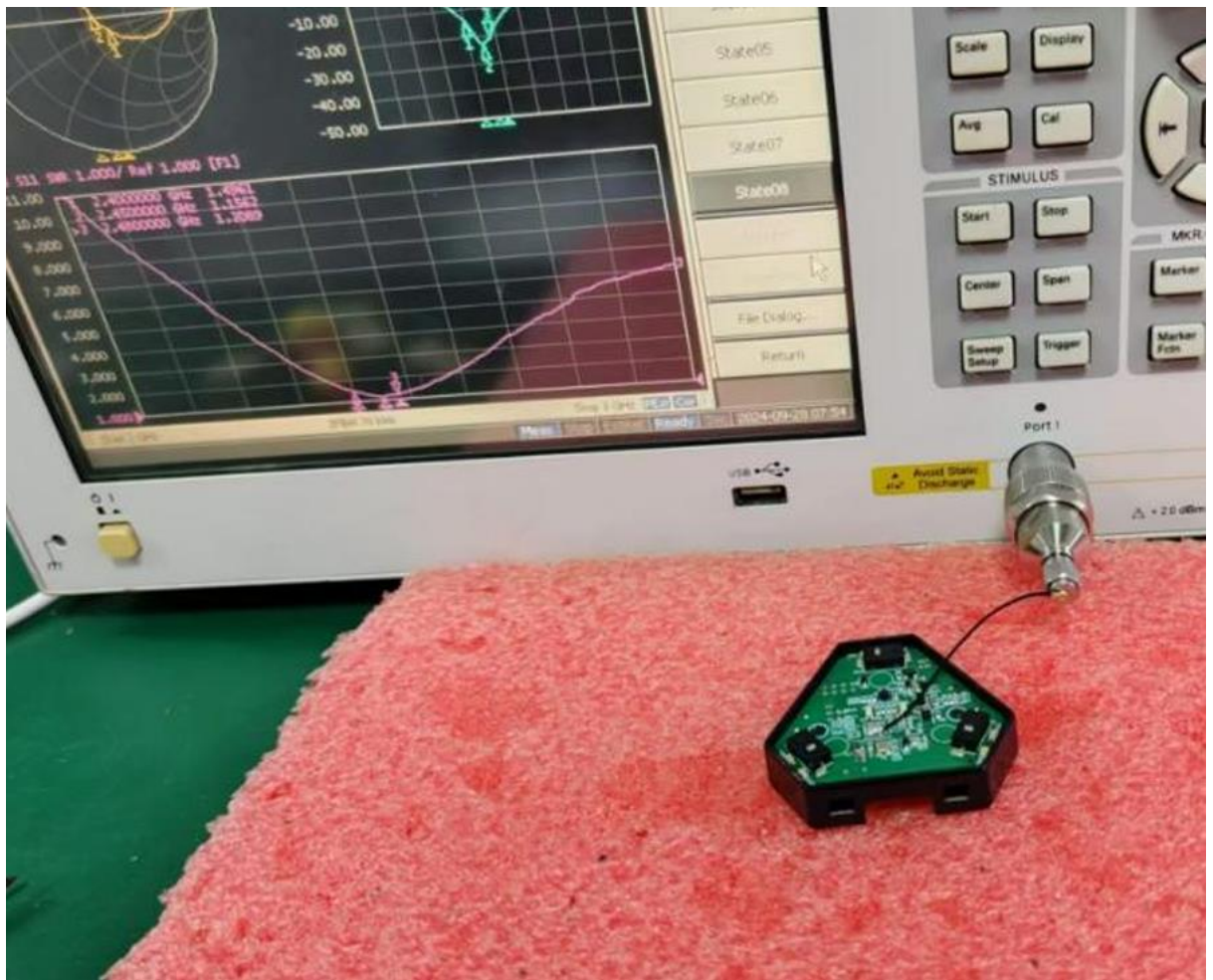
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Table of Contents

Table of Contents	1
1. General Information	2
1.1 Product Overview	2
1.2 Scope of Application	2
1.3 Operating Environment Range	2
1.4 Storage Environment Requirements	2
2. Specification Parameters	2
3. Test Setup	3
4. Antenna Characteristics	4
4.1 Voltage Standing Wave Ratio (VSWR)	4
4.2 Smith chart	4
4.3 Radiation Pattern	5
4.4 Antenna Frequency-Gain Characteristics	5
4.5 Structural Dimensions	6
5. Document Revision History	7

3. Test Setup



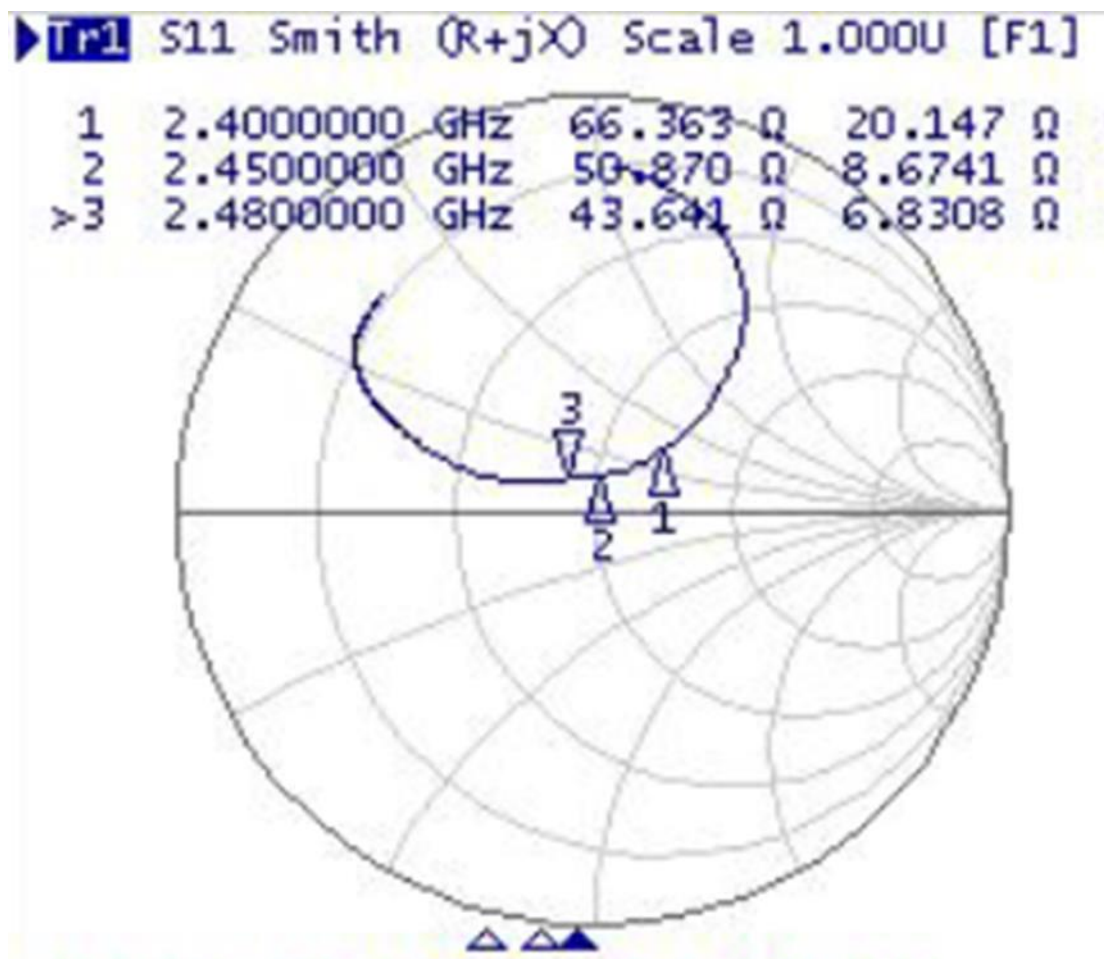
4. Antenna Characteristics

4.1 Voltage Standing Wave Ratio (VSWR)

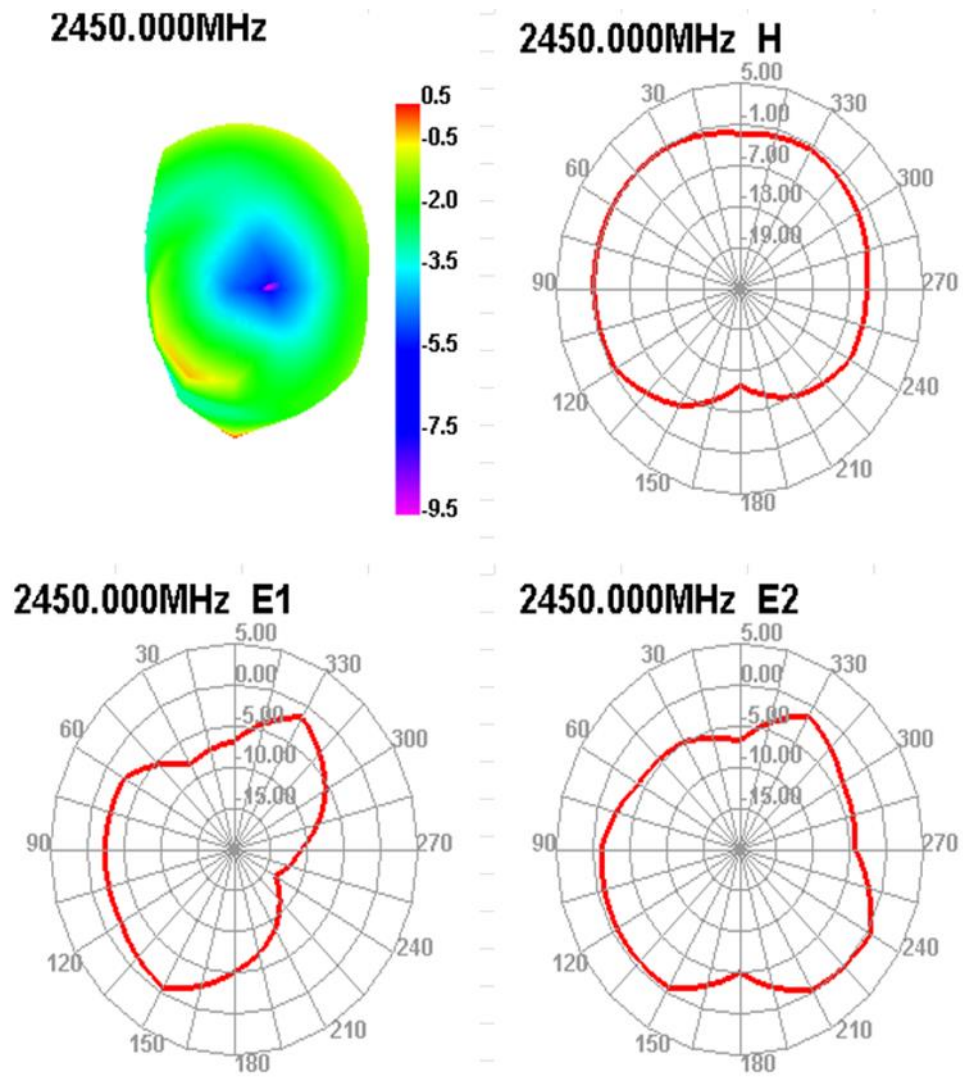


1.18(@2450MHz) ; 1.56(@2400MHz) ; 1.22(@2480MHz)

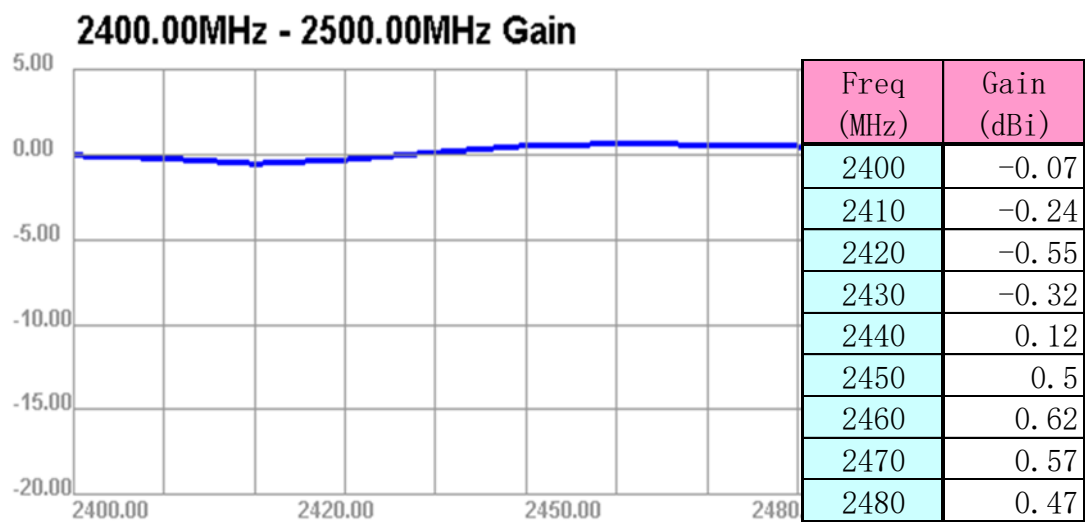
4.2 Smith chart



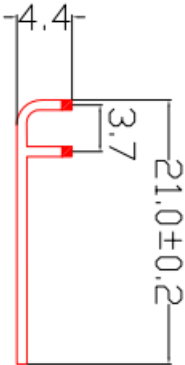
4.3 Radiation Pattern



4.4 Antenna Frequency-Gain Characteristics



4.5 Structural Dimensions

										版本/版次		A/1	DATE				
PCB板天线: 																	
														文件编号			
														名称			
														料号			
														比例		1:1	
产品规格		深圳市塑梦科技有限公司															
检验方法		/															
厚度/包胶表面		/															
厚度/包胶颜色		/															
表面处理		/															
金属材料		/															
核准																	
审核																	
绘图																	
技术要求:																	
1: 未注尺寸公差±0.1, 角度±0°.																	
2: 表面无划伤和碰伤.																	
3: 注有“*”为重点管制尺寸.																	
4: 环保材料符合RoHS、REACH指令要求.																	
5: 来料48H																	
日期																	

5. Document Revision History

Date	Version Number	Version Description
2024-10-10	0.1	Confirmation