



Kenbotong Technology Co., Ltd.

SPECIFICATION

Vendor Name	Shenzhen kenhaitong antenna technology co,Ltd.				
Customer Name	Particle				
Sample Name	MonitorOne-4G				
Part Number					
Specification					
Inspection Item	Performance	Total Appearance	structure	Others	Inspection Result
Remark					
QA Audit		Engineer Audit		Sales Confirm	
The following are filled by Customer					
Customer Evaluation					
Signation/ Chapter by Customer	date:				

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1、Antenna Picture



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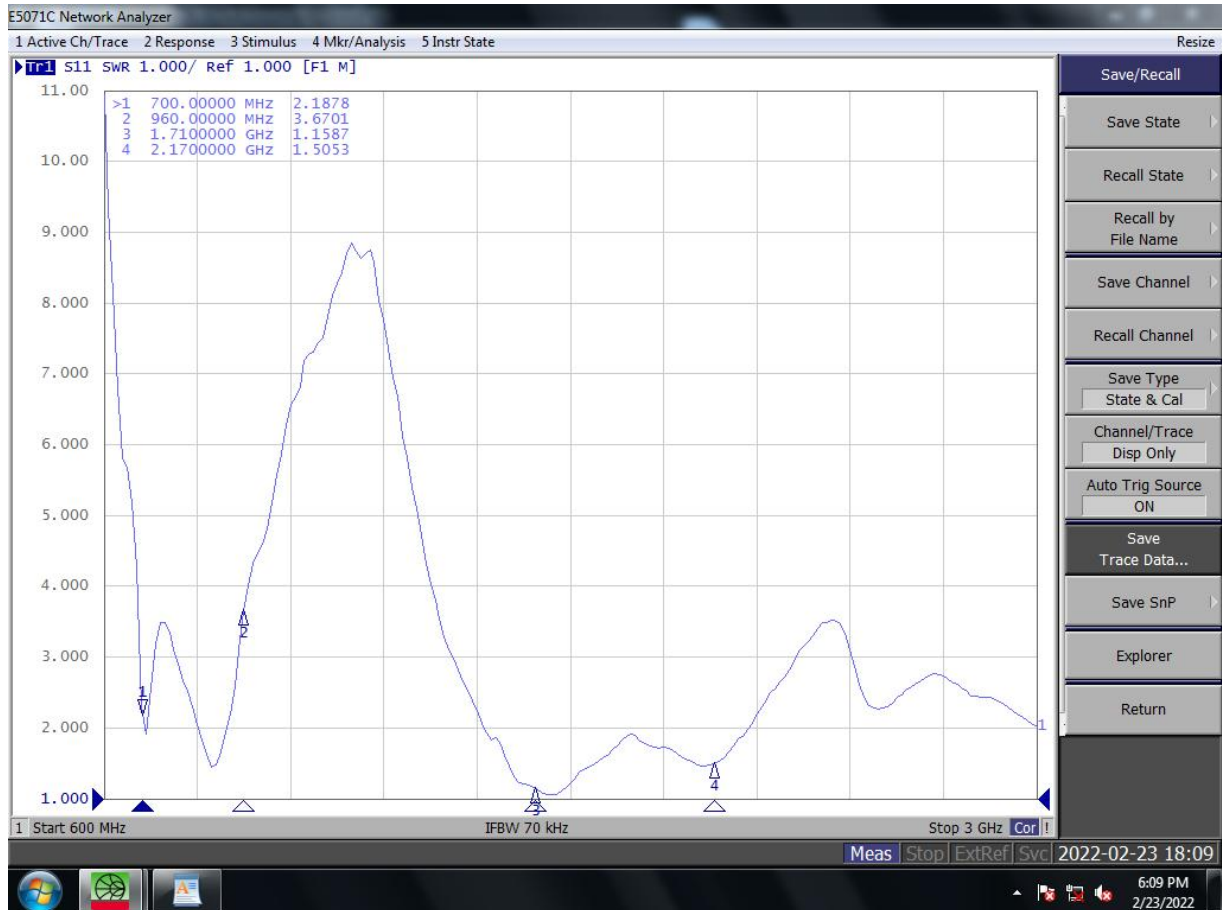
2.Measurement information

Band	700/960	1710/2170	2100/2700
Frequency (MHz)	700-960	1710-2170	2100-2700
Max VSWR	≤3.6	≤1.5	≤3.5
Max Return loss (dB)	-8	-13	-8
Peak Gain (dBi)	1.7	3.47	2.8
Efficiency (%)	55	53	42
Average Gain (dB)	0.5	2	1.2
Radiation Properties	Omnidirectional		
Max Input Power (watts)	5		
Polarization	Linear		
Impedance (Ohms)	50 Ohms		
MECHANICAL			
Dimensions (mm)	80.21*21.1*0.8mm		
Material	Flexible Polymer		
Connector and Cable	U.FL and 1.13mm mini coax		
Cable Length	49mm		
ENVIRONMENTAL			
Operation Temperature	-40°C to 85°C		
Storage Temperature	-40°C to 85°C		
Relative Humidity	-40°C to 95°C		
ROHS Compliant	YES		

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3. Antenna Parameters

VSWR



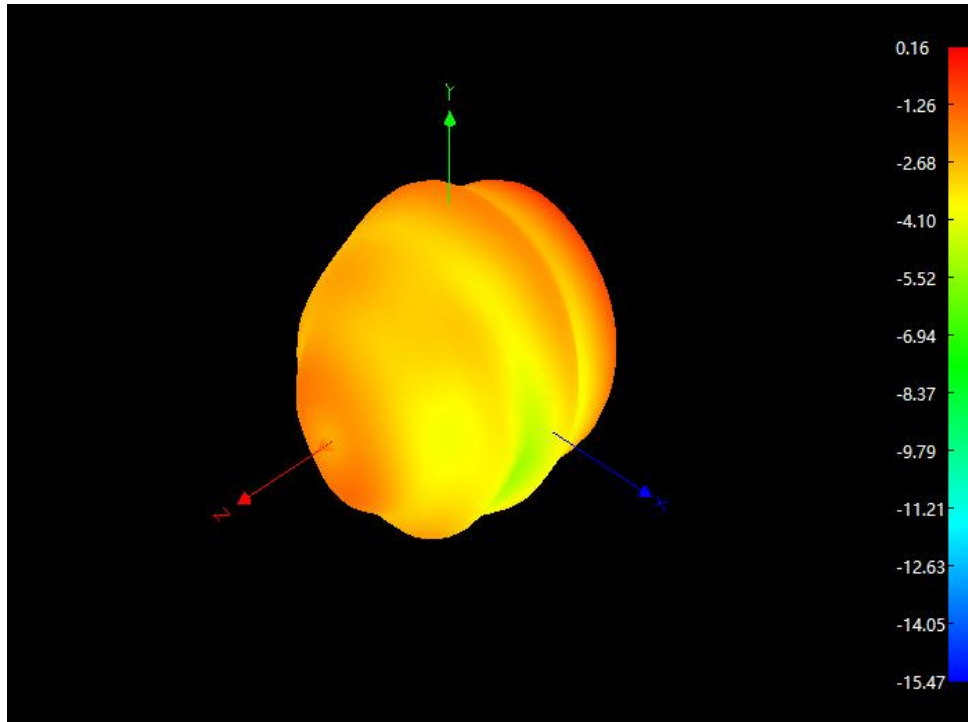
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Radiation Pattern



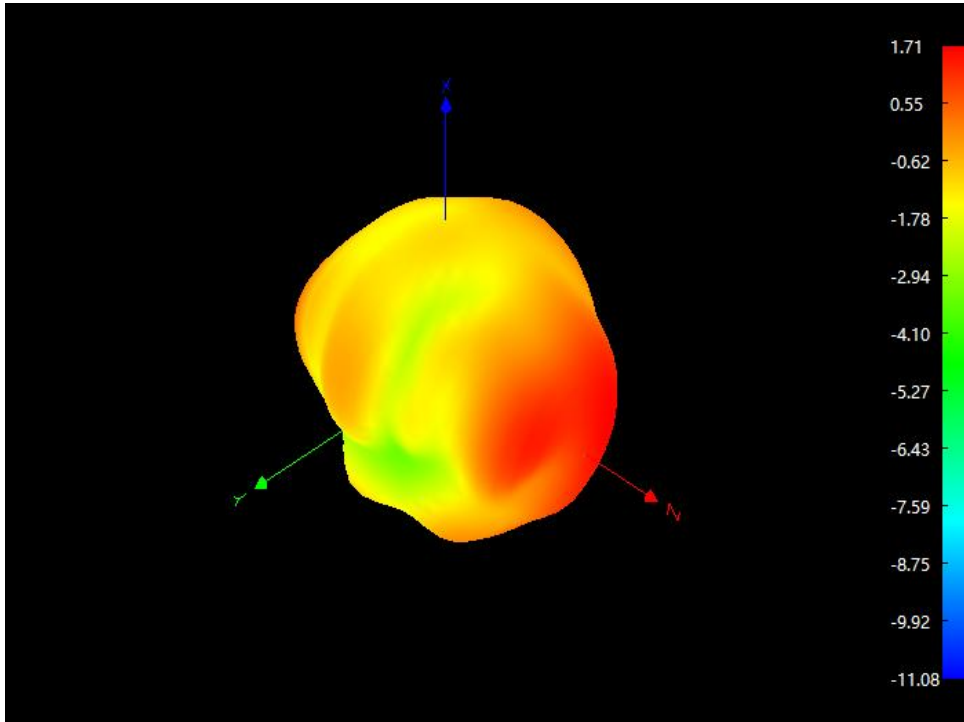
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Radiation Pattern at 700–960 MHz of Antenna



Radiation Pattern at 1710–2170 MHz of Antenna

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4、IPEX/U.FL

说明:

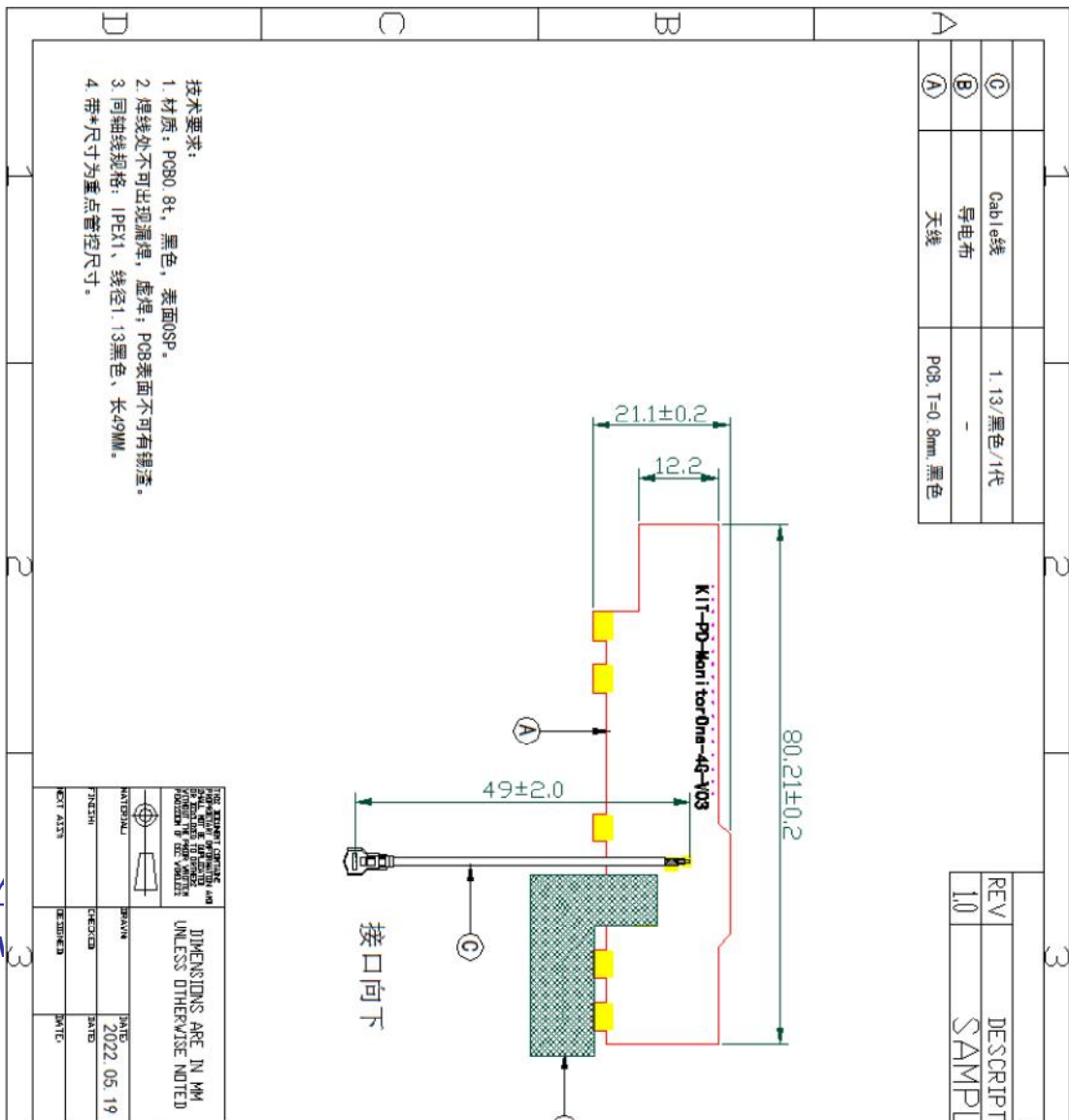
- (1)材料: C52; 0. T=0.20±0.005mm; 硬度190~210HV; 零件厚:0以上.
- 蚀刻厚度:0.03~0.004mm; 蚀刻: PBT
- 电镀铜层:
- 2.1. 电镀厚度: 膜上镀金.
- 2.2. 要求: 无铜泡, 并作封孔处理.
- 2.3. 蚀刻区: 单边不能超过: 0.05mm; 其他地方: 单边不能超过: 0.10mm;
4. 产品: 不能有倒角, 翘皮, 氧化等不良.
5. 料卷: 外形要求: 不超过: 1000mm; 盘由: 不超过: 45°/2000mm;
6. 标有数字: 标号: 的尺寸为: A; 标号: 的尺寸:
7. 在: 标号: 标号: 后: 相关: 尺寸: 必须: 遵照:

打MARK标识 位置示意图

NO.	MARK TYPE	MARK NO.	MARK TYPE
X	X' ± 1'	MARK NO.	MARK TYPE
K ± 0.05	K' ± 1.5'	MARK NO.	MARK TYPE
.XX ± 0.01	.XX' ± 0.05'	MARK NO.	MARK TYPE

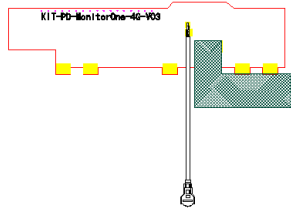
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5、Mechanical Drawing

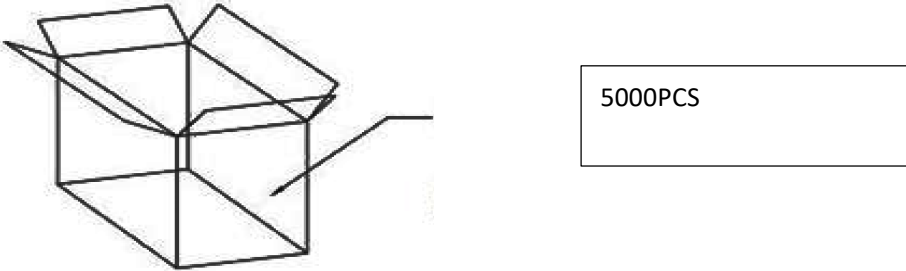


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6、Packaging

Packaging					
Customer Name:particle	name: MonitorOne-4G天 线	Code:	TEST: A		
	Code	name	size	quantities	
	PE	PE bag	230*330*0.1 2	1/100	
	SYC-BZ-01	Paper box	270*250*13 0	1/5000	
S T					N O

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e p s		T I C E	1.Gloves must be worn during installation
			
compile	approval	MADE	DATE