



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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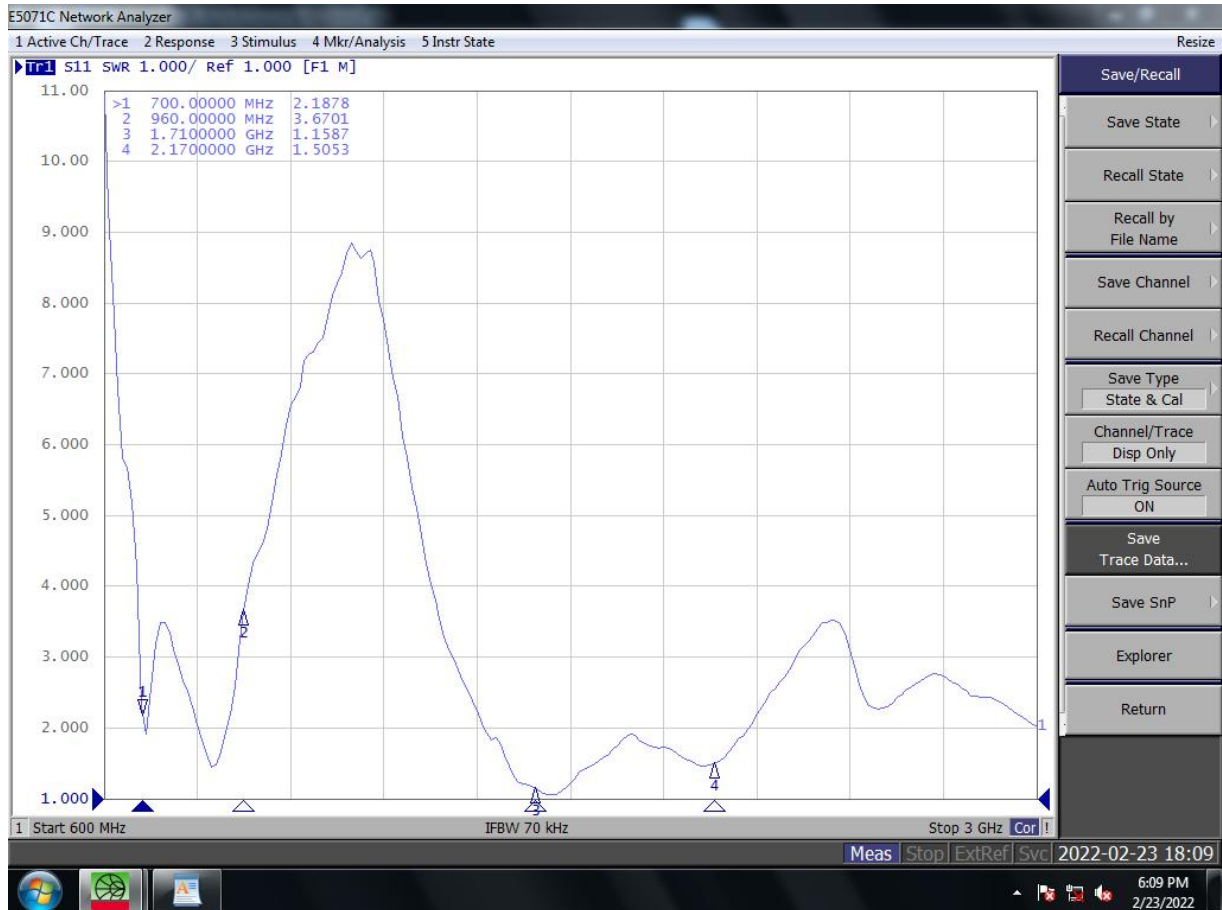
2.Measurement information

Band	700/960	1710/2170
Frequency (MHz)	700-960	1710-2170
Max VSWR	≤3.6	≤1.5
Max Return loss (dB)	-8	-13
Peak Gain (dBi)	1.7	3.47
Efficiency (%)	55	53
Average Gain (dB)	0.5	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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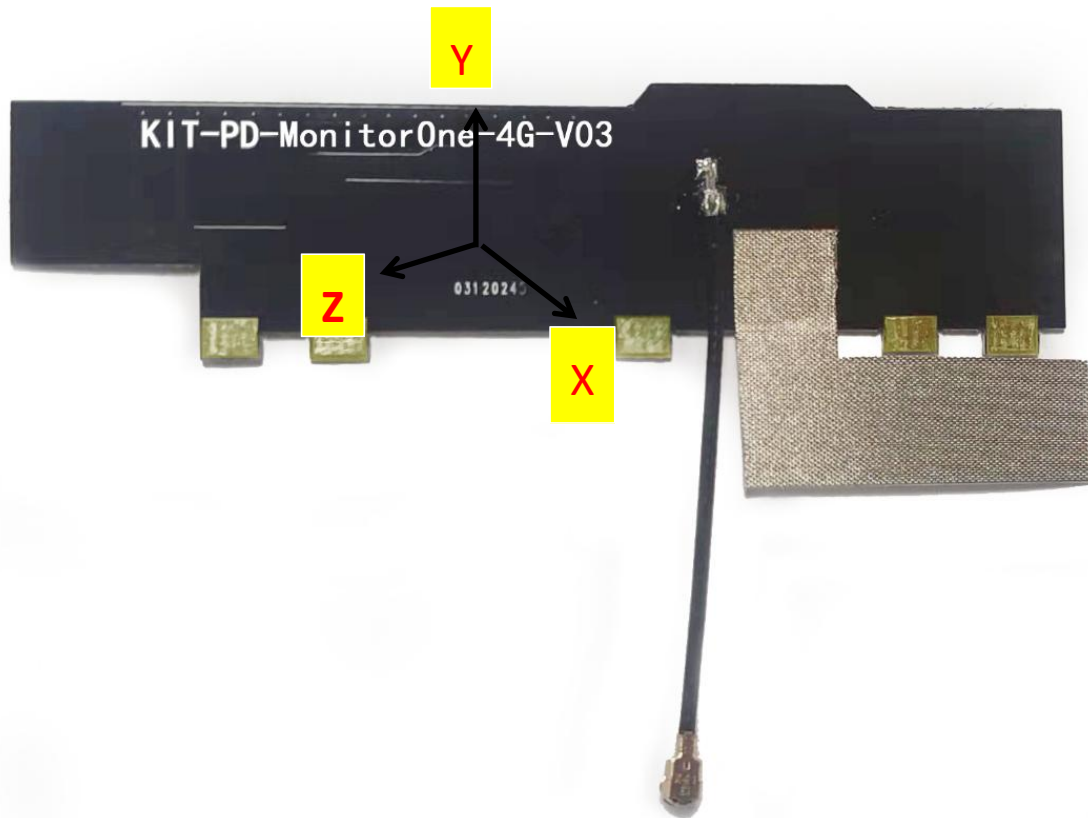
3. Antenna Parameters

VSWR



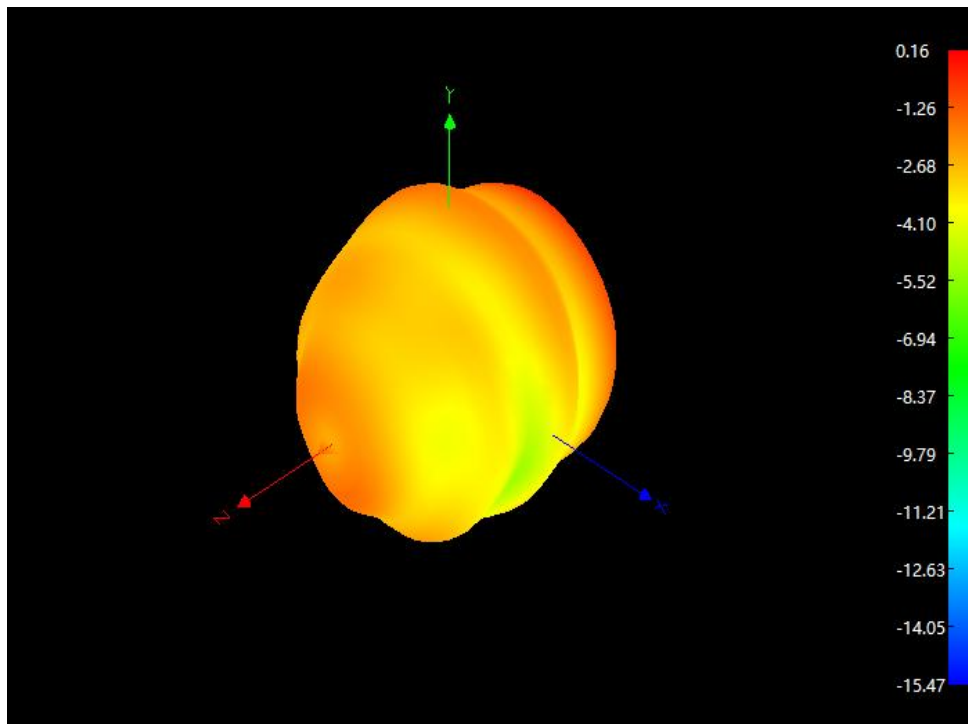
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Radiation Pattern

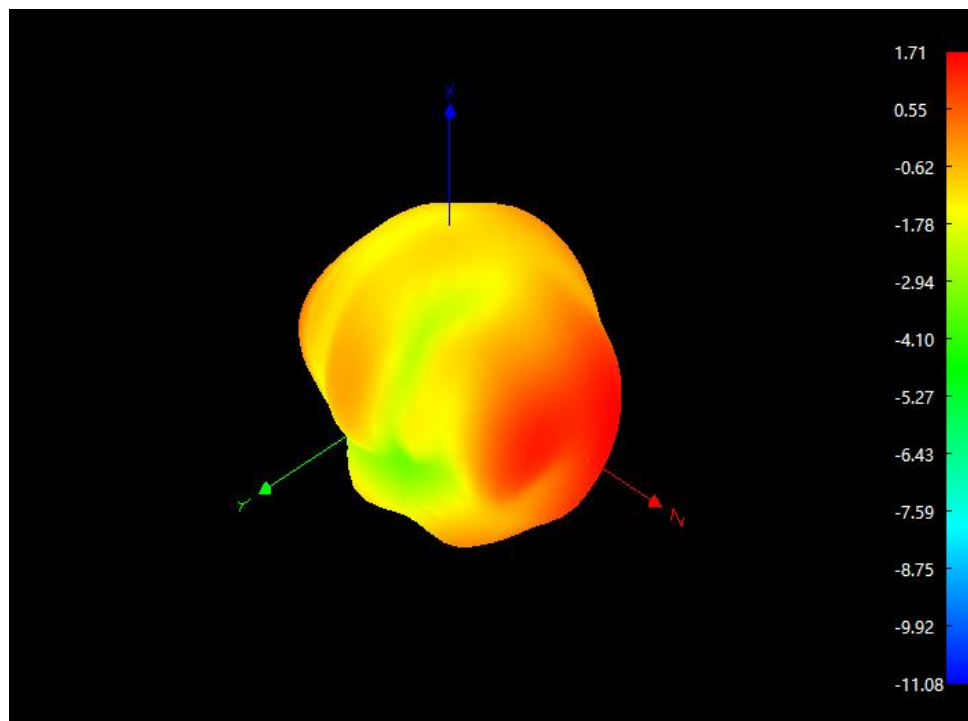


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Radiation Pattern at 700–960 MHz of Antenna



Radiation Pattern at 1710–2170 MHz of Antenna



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4、IPEX/U.FL

说明:

- (1)材料: C52.0 T=0.23±0.005mm 厚度190~210℃, 爬升率20以上, 抗拉强度500~600MPa, 测试 PBT
- 电镀规格:
 1. 电镀层 镀上镀金
 - 2.21. 要求无缺陷, 并密封处理
- 接触区毛边不能超过0.05mm, 其他地方毛边不能超过0.10mm;
- 产品不能有划伤、氧化、氧化等不良
- 料厚成形要求不超过5mm/1000mm, 弯曲不超过45°/2000mm;
- 标有数字号尺寸为A, 未标量之尺寸;
- 在维修模具后缺失尺寸时必须重测

Technical drawing showing dimensions and callouts for the IPEX/U.FL connector. Key dimensions include: 2.70±0.05 (3), 3.05±0.05 (4), 3.05±0.05 (5), 1.90±0.05 (6), 1.95±0.05 (7), 11.40±0.05 (9), 0.00±0.05 (8), 0.35±0.08 (2), and 1.85±0.05 (1). Callouts 10, 11, 12, and 13 indicate specific features and dimensions.

打MARK指示 位置示意图

Diagrams showing MARK positions for different connector types: CH-1 (1.54-1.40), C-1-2 (1.06-1.14), and C1-3 (1.15-1.35). A note indicates (u)mm NO.

引线参考尺寸

Diagram showing wire lead reference dimensions: 1.16+/-0.1, 2.09+/-0.1, and 1.25+/-0.1.

REV.	LOCATION	DESCRIPTION	DATE

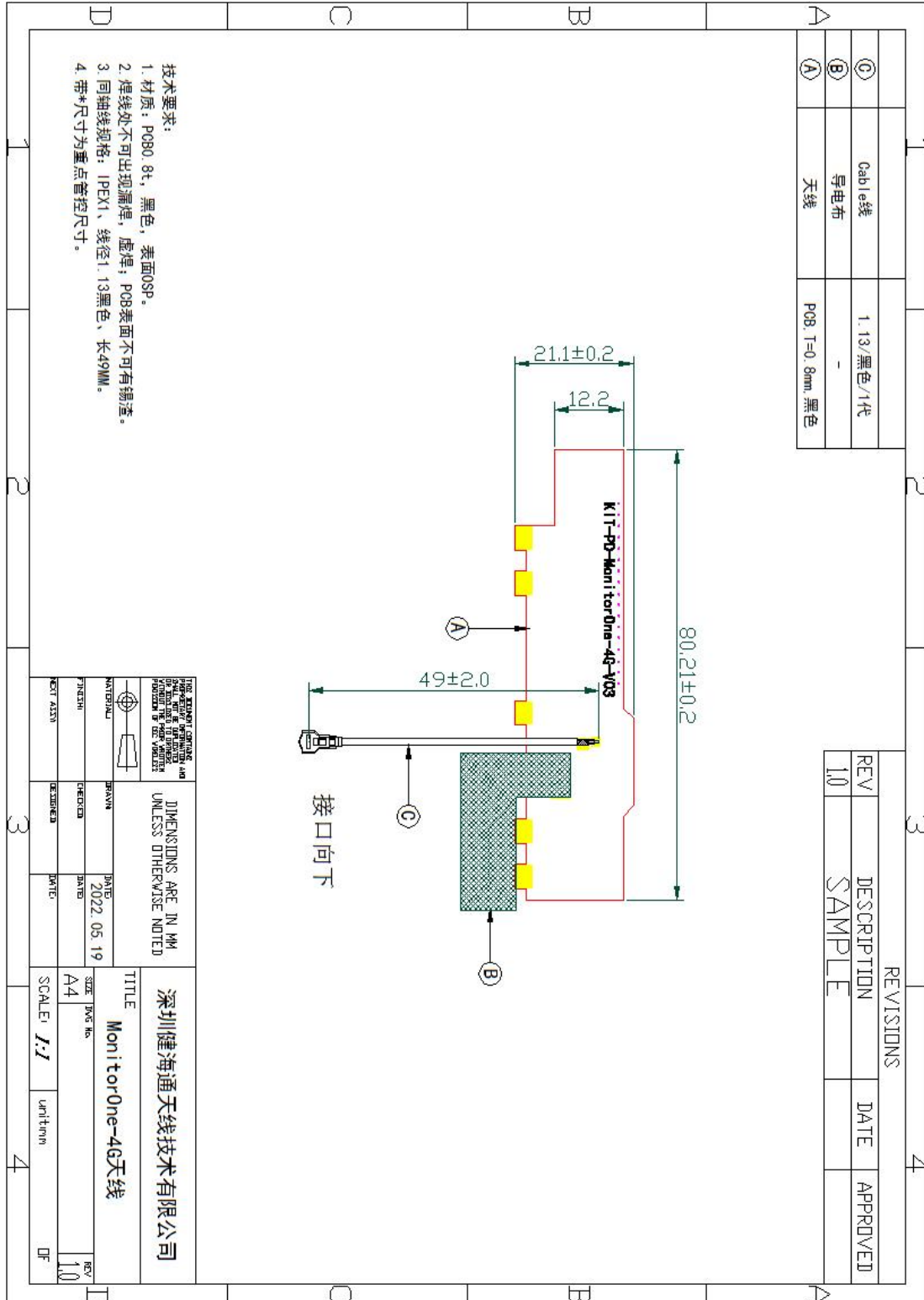
ITEM	UNIT	VALUE
10L	mm	X ± 1
X	mm	X ± 0.05
.XX ± 0.03	mm	.XX ± 0.05

DESIGN NO.	REV.	DATE	BY	CHK	APP	DATE
958-C113-W-B-BL-A0						

DESIGN NO.	REV.	DATE	BY	CHK	APP	DATE
JS-RD-RF-T001						

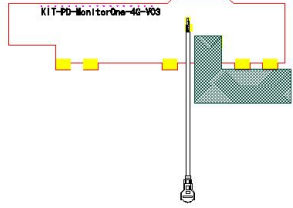
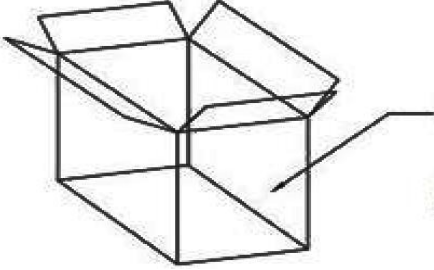
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5、Mechanical Drawing



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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 E P S					N O T I C E	1.Gloves must be worn during installation
 <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 200px;">5000PCS</div>						
compile	approval	MADE	DATE			