



Kenbotong Technology Co., Ltd.

SPECIFICATION

Vendor Name	Shenzhen kenhaitong antenna technology co,Ltd.				
Customer Name	Particle				
Sample Name	Dipole antenna				
Part Number	G142-10006-A				
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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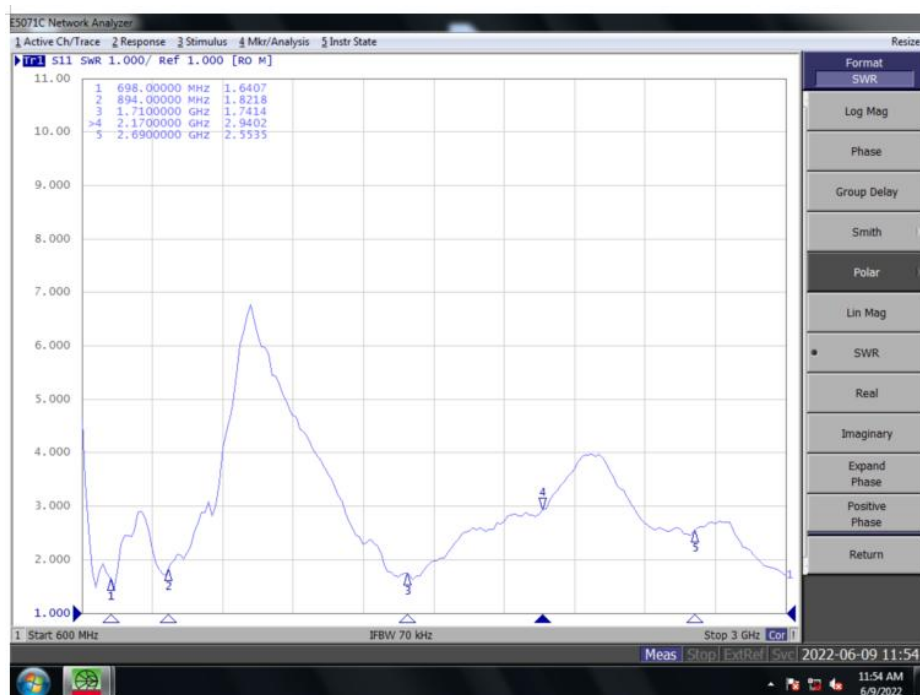
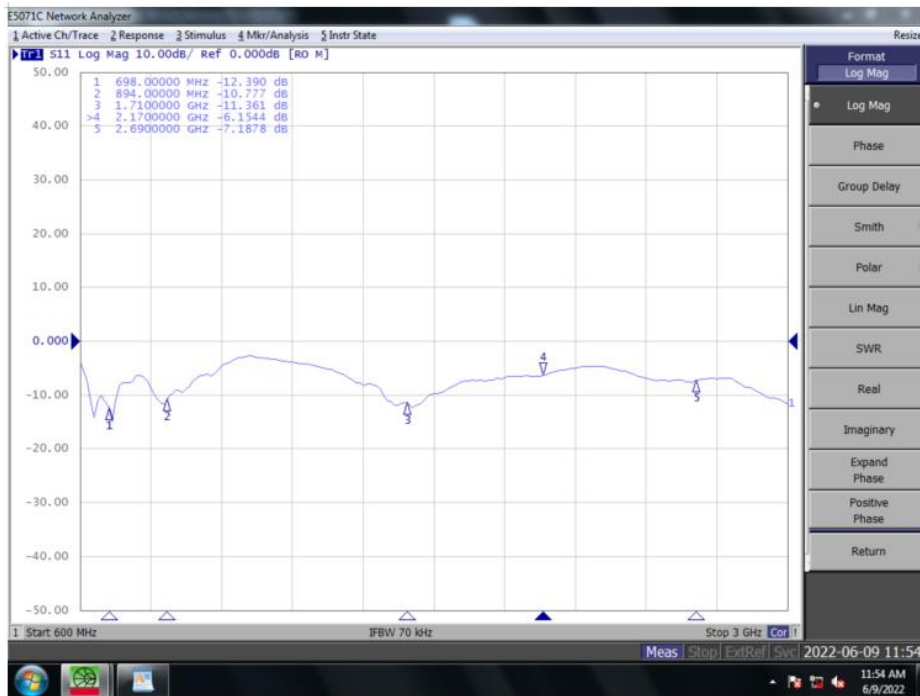
2.Measurement information

Frequency(MHz)	698/-894	1700-2170-2690
Max VSWR	1.6/1.8	1.7/2.8/2.5
Max Return loss(dB)	-12/-10	-11/-6/-7
Peak Gain(dBi)	2.46	3.86
Effciciency(%)	65.46	54.95
Average Gain(dB)	1	0.98
Radiation Properties	Omnidirectional	
Max Input Power(watts)	5	
Polarization	Linear	
Impedance(Ohms)	50Ohms	
MECHANICAL		
Dimensions(mm)	122.1*12.8*0.2mm	
Material	Flexible Polymer	
Connector and Cable	U.FL and 1.13mm mini coax	
Cable Length	183mm	
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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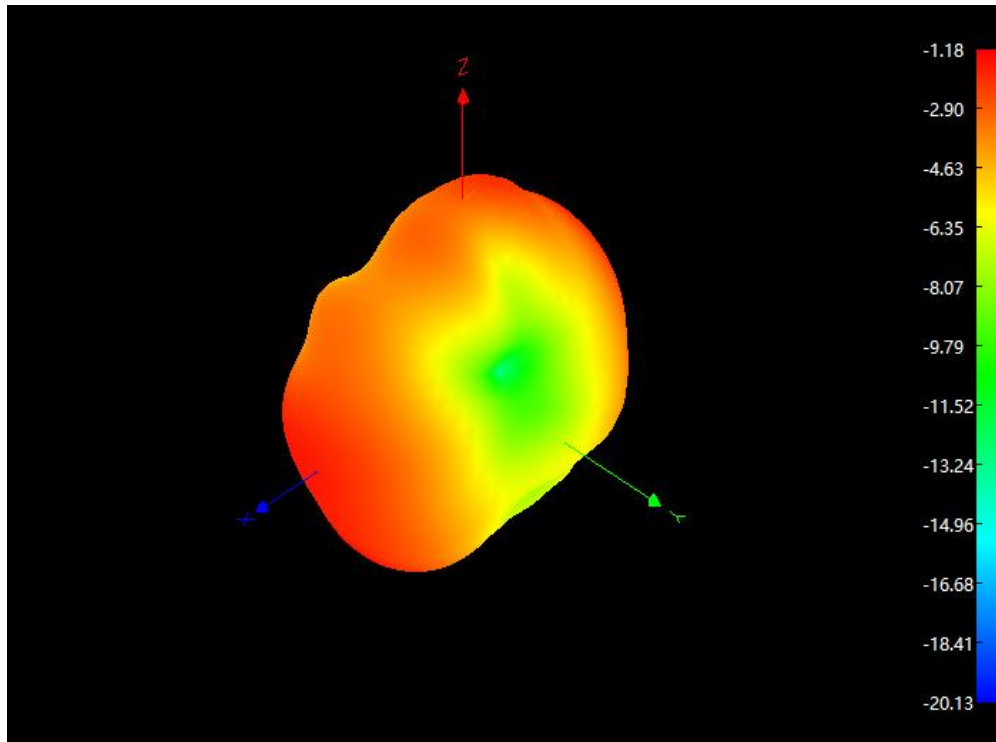
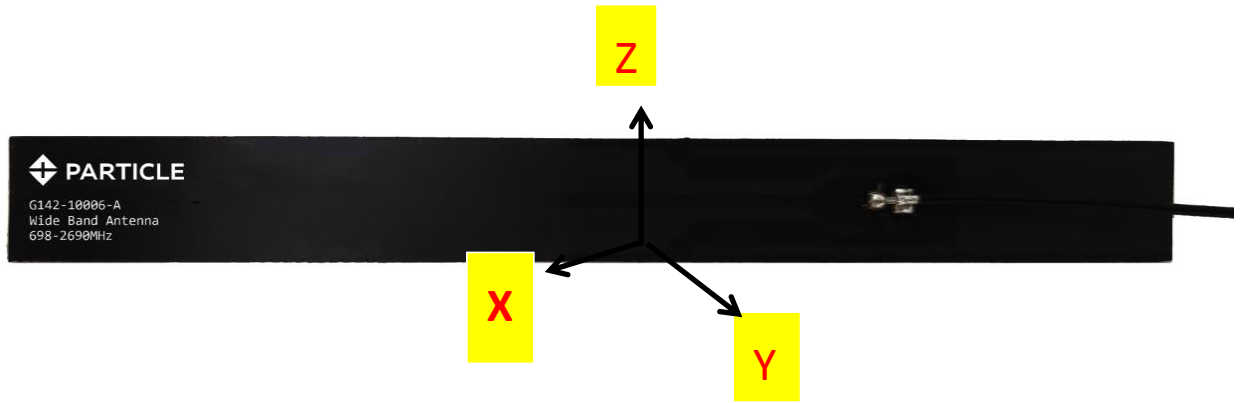
3. Antenna Parameters

VSWR



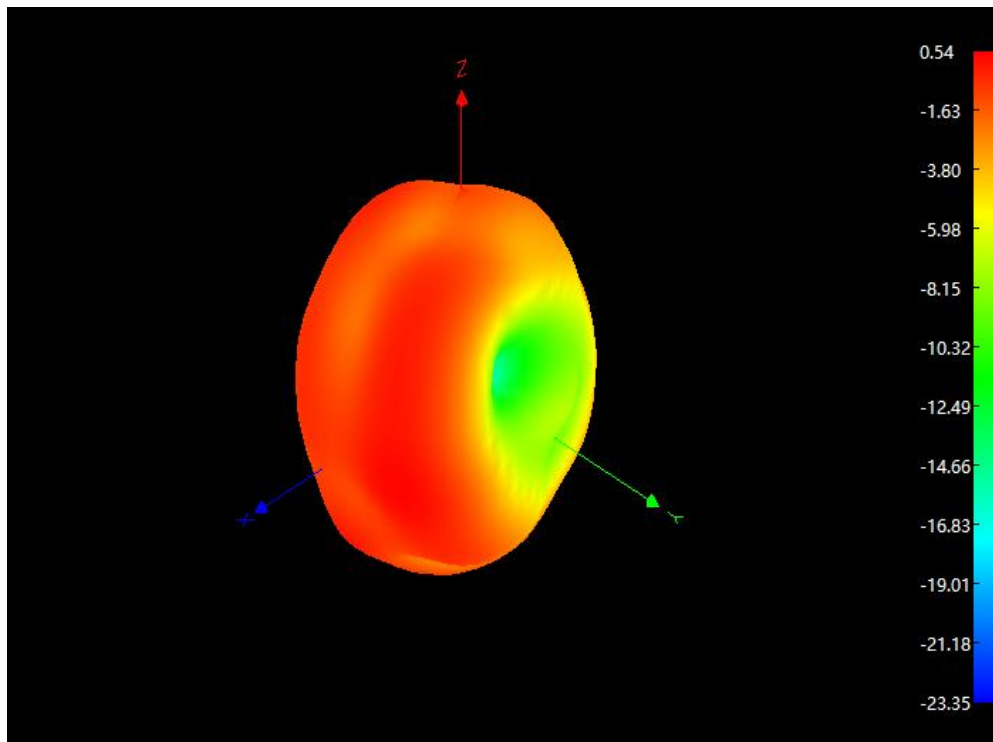
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Radiation Pattern



Radiation Pattern at 700-892 MHz of Antenna

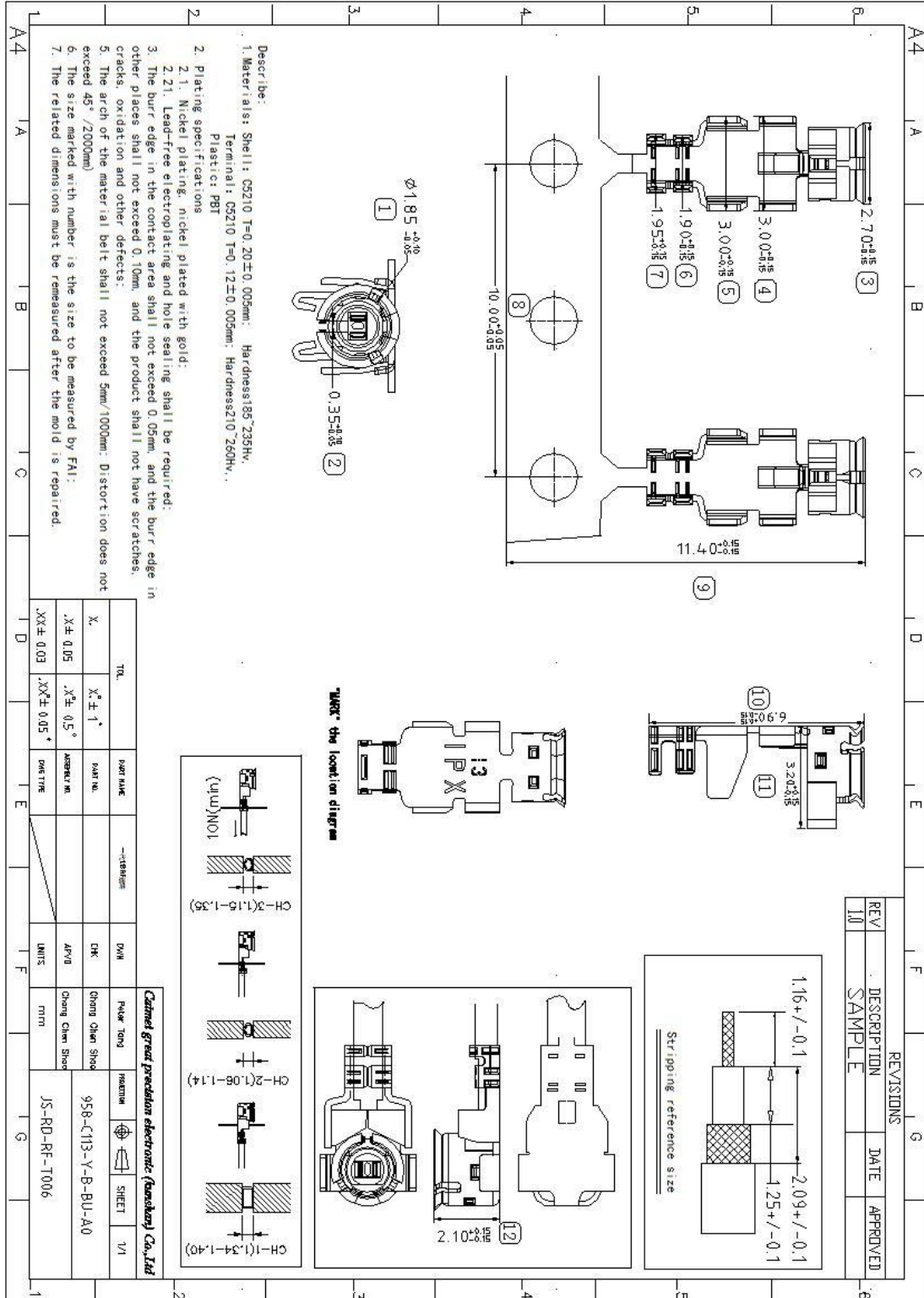
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Radiation Pattern at 1700–2700 MHz of Antenna

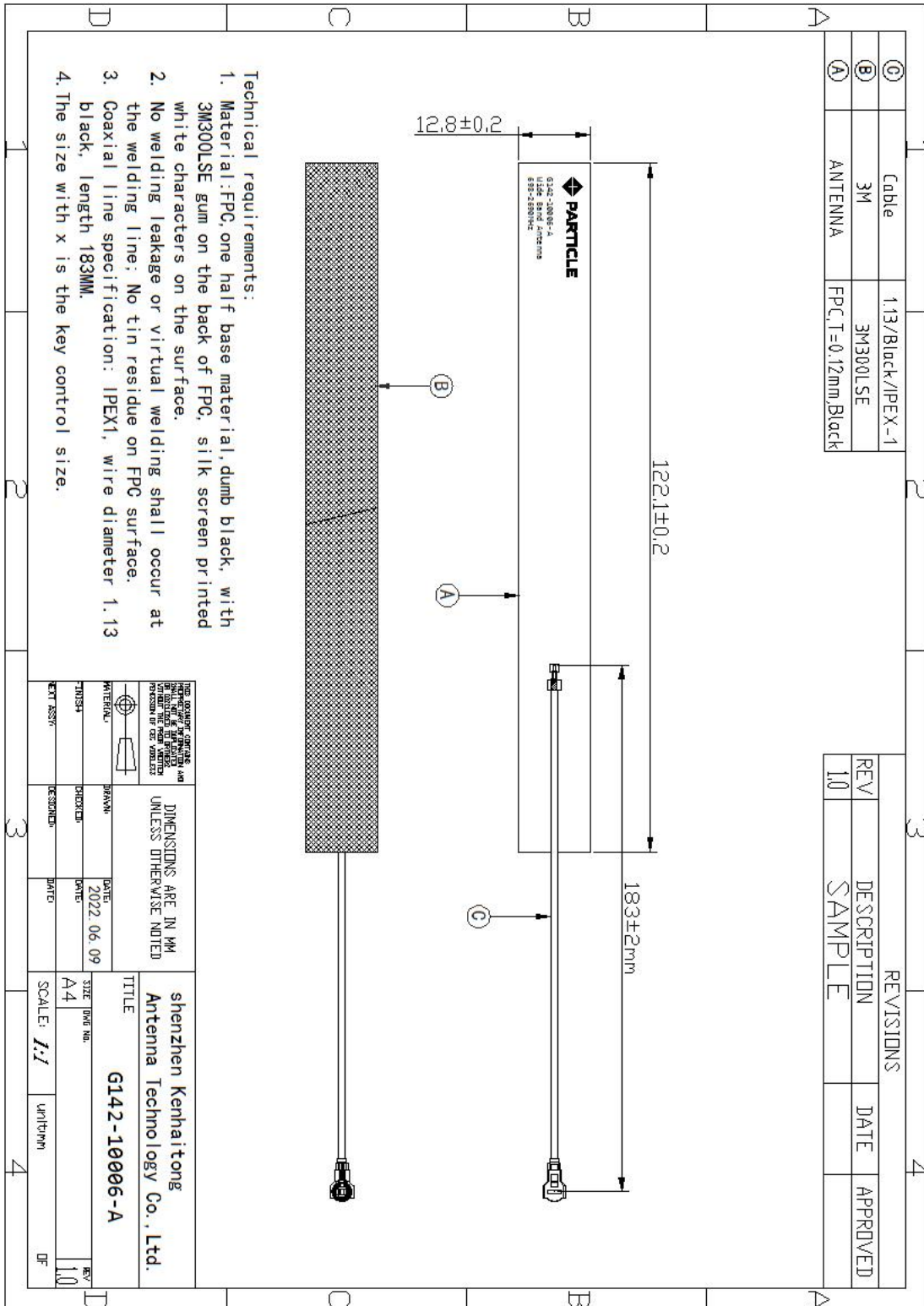
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4、IPEX/U.FL




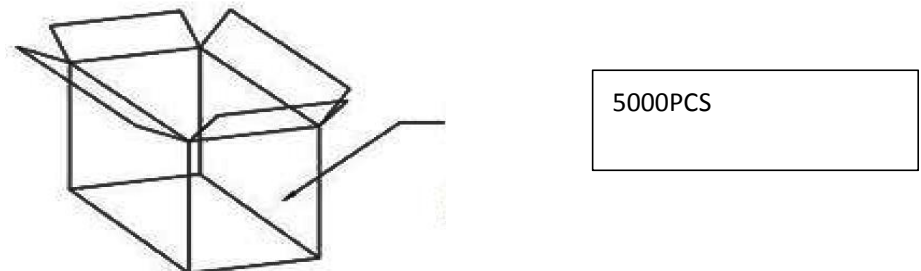
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5、 Mechanical Drawing



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6、Packaging

Packaging						
Customer Name:particle	name: G142-10006-A	Code:	TEST: A			
	Code	name	size	quantities		
	PE	PE bag	230*330*0.12	1/100		
	SYC-BZ-01	Paper box	270*250*130	1/5000		
S T E P S					N O T I C E	1.Gloves must be worn during installation
						
compile	approval	MADE	DATE			