



Kenbotong Technology Co., Ltd.

SPECIFICATION

Vendor Name	Shenzhen kenhaitong antenna technology co, Ltd.				
Customer Name	Particle				
Sample Name	JHT-PD-4 ANTENNA				
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	700/800/900	1700/1800	1900/2100	2400	2600
Frequency(MHz)	698-960	1710-1880	1850-1990	2400-2500	2500-2690
Max VSWR	2.1:1	2:01	2.1:1	2.9:1	1.5:1
Max Return loss (dB)	-11.5	-10.2	-11	-9.5	-13
Peak Gain(dBi)	1.98	1.94	2.27	1.84	2.14
Efficiency(%)	61.94	49.09	56.89	47.21	62.95
Average Gain(dB)	-3.11	-2.46	-2.12	-2.62	-2.1
Radiation Properties	Omnidirectional				
Max Input Power(watts)	5				
Polarization	Linear				
Impedance(Ohms)	50 Ohms				

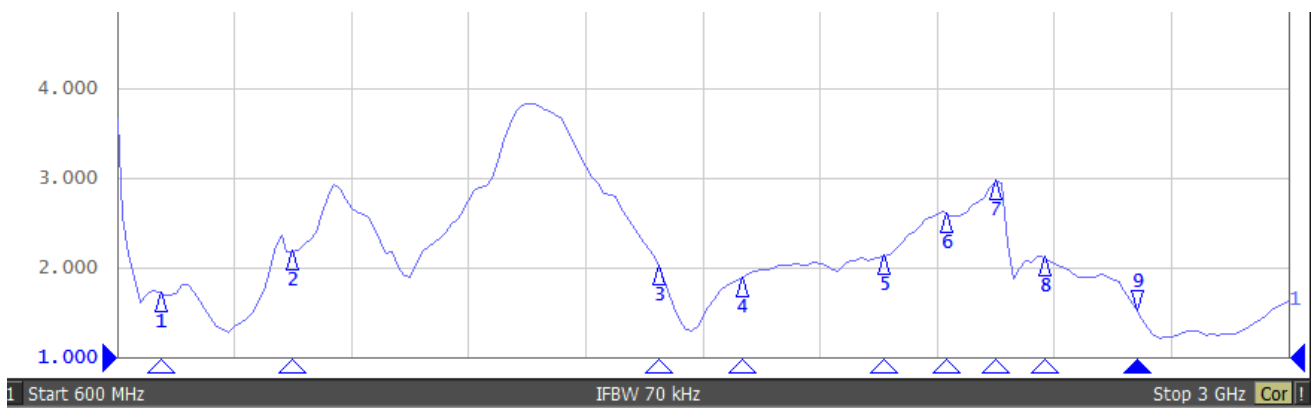
MECHANICAL	
Dimensions (mm)	62.7*39.5*0.2 mm
Material	Flexible Polymer
Connector and Cable	U.FL and 1.13mm mini coax
Cable Length	80 mm

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

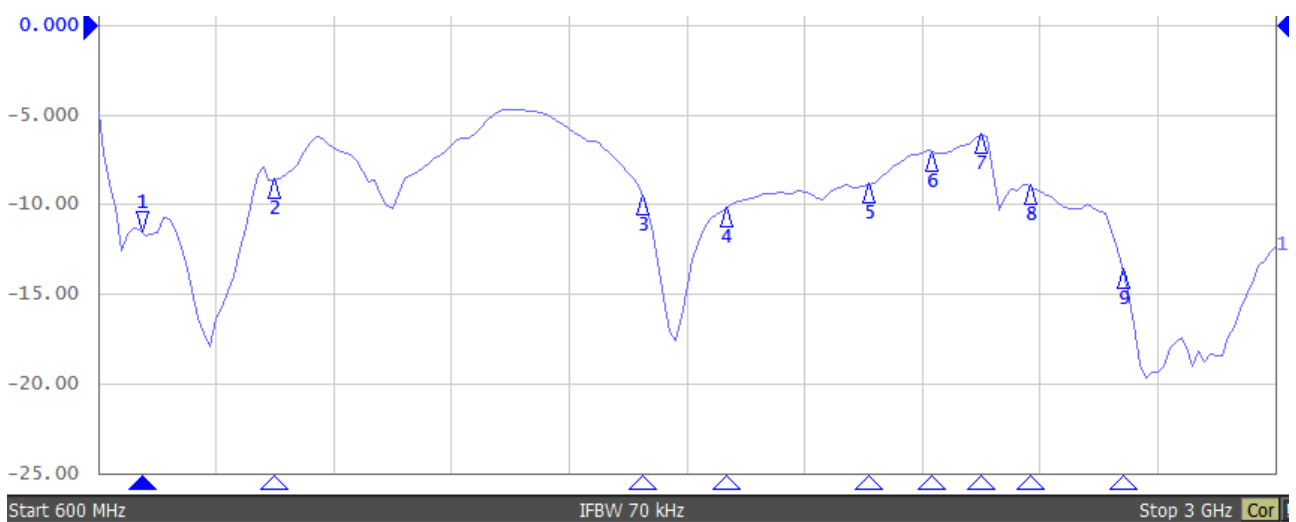
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3. Antenna Parameters

VSWR



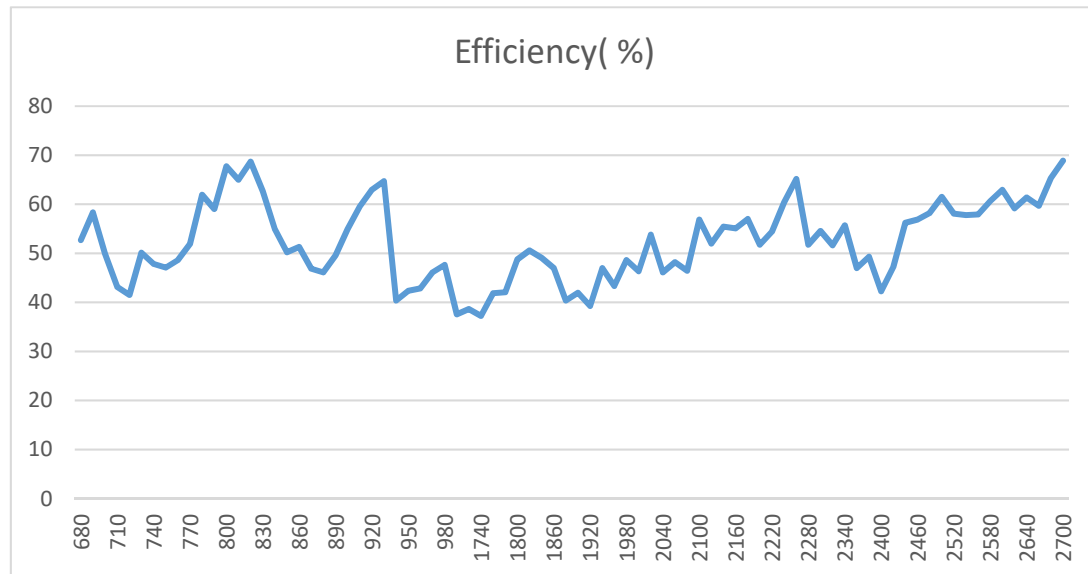
Return loss





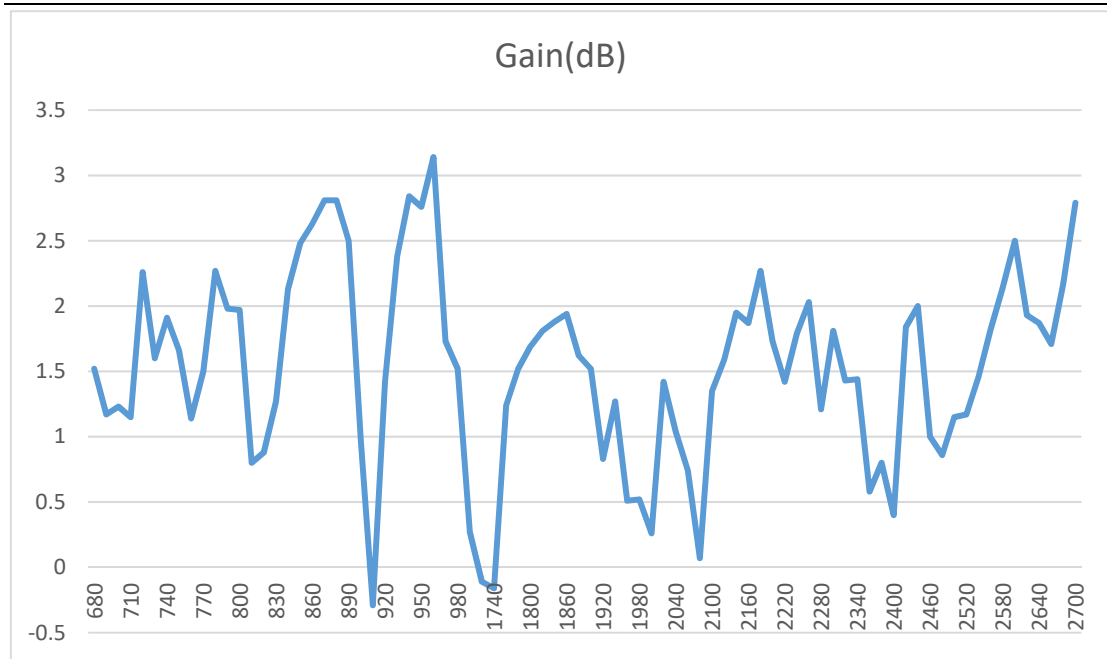
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Efficiency

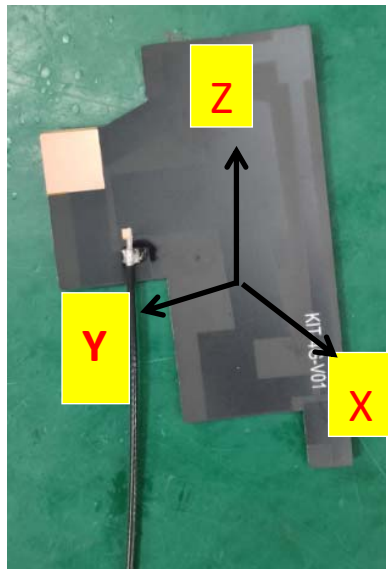


Peak Gain

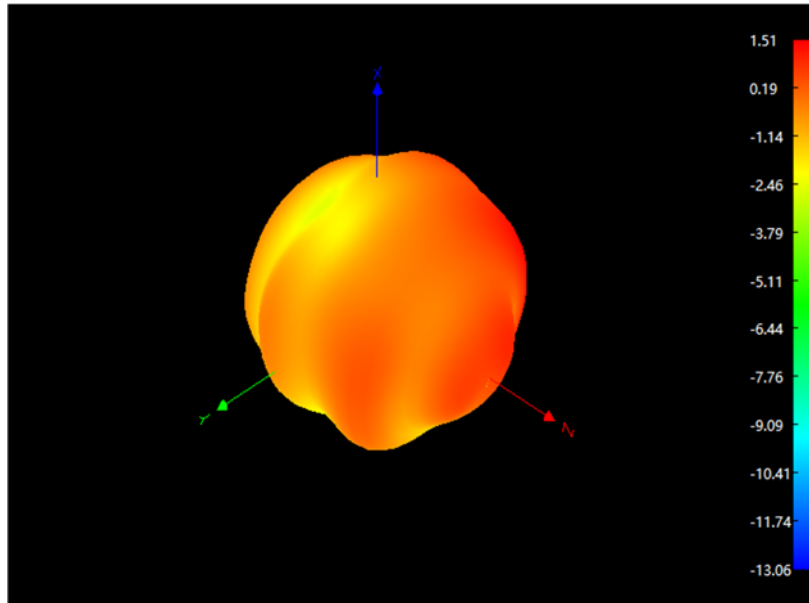
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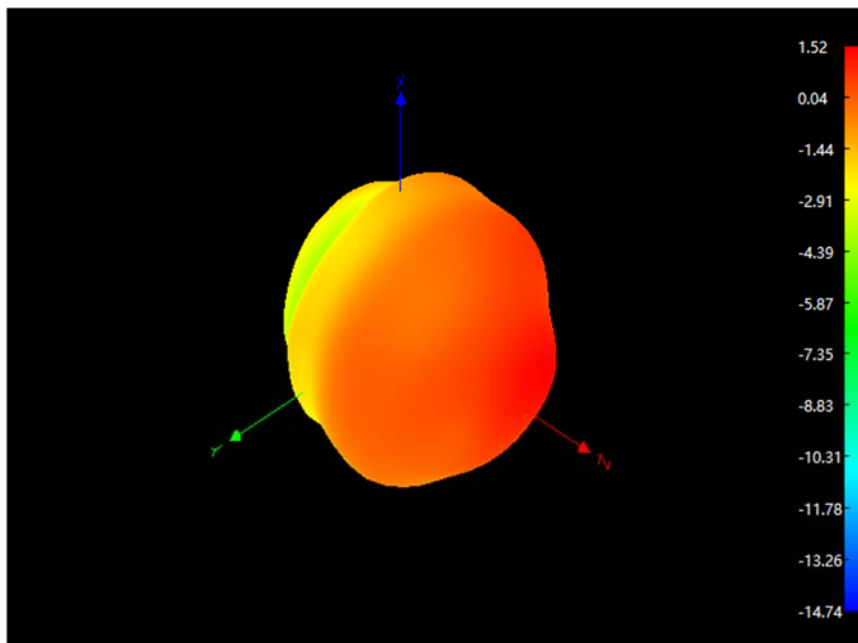
Radiation Pattern



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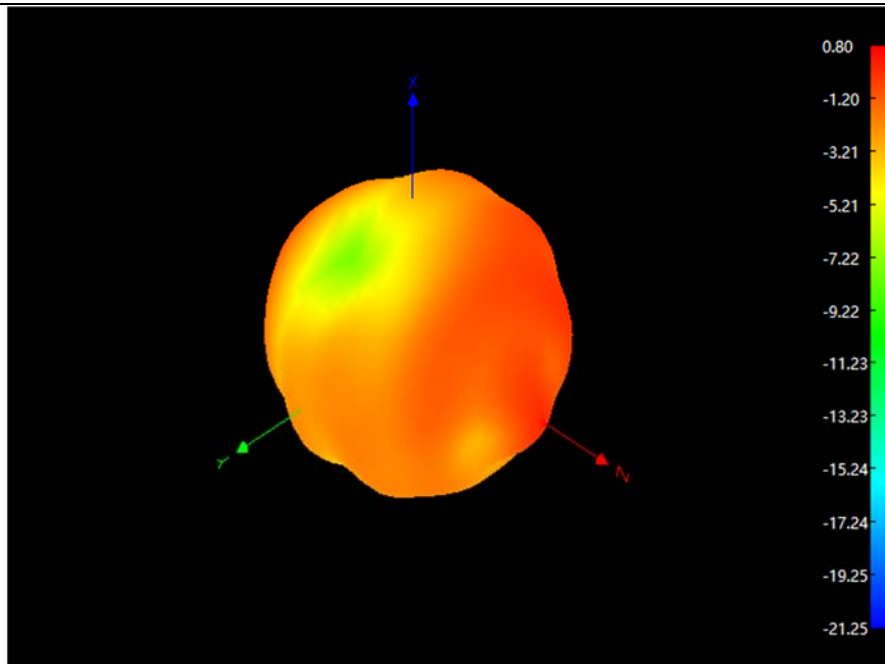


Radiation Pattern at 680 MHz of Antenna

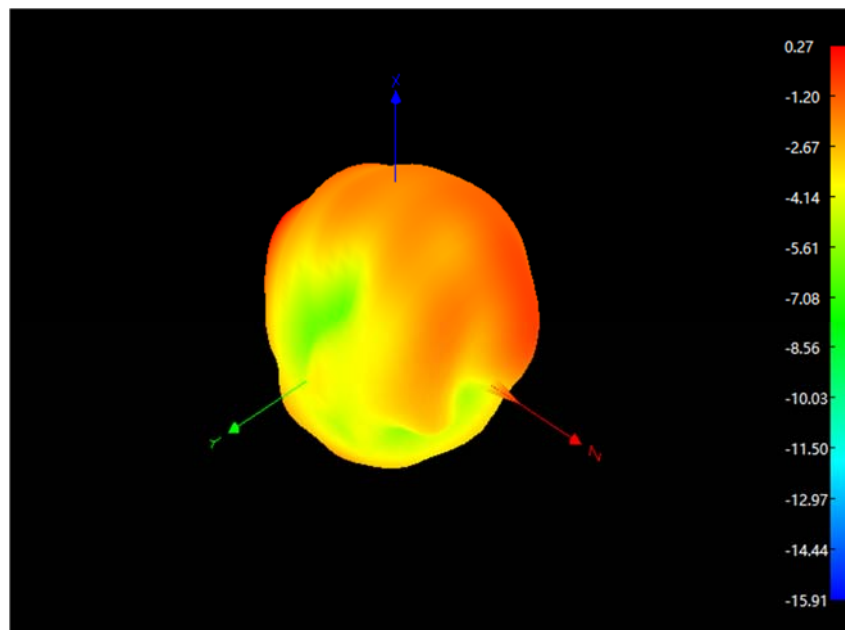


Radiation Pattern at 800 MHz of Antenna

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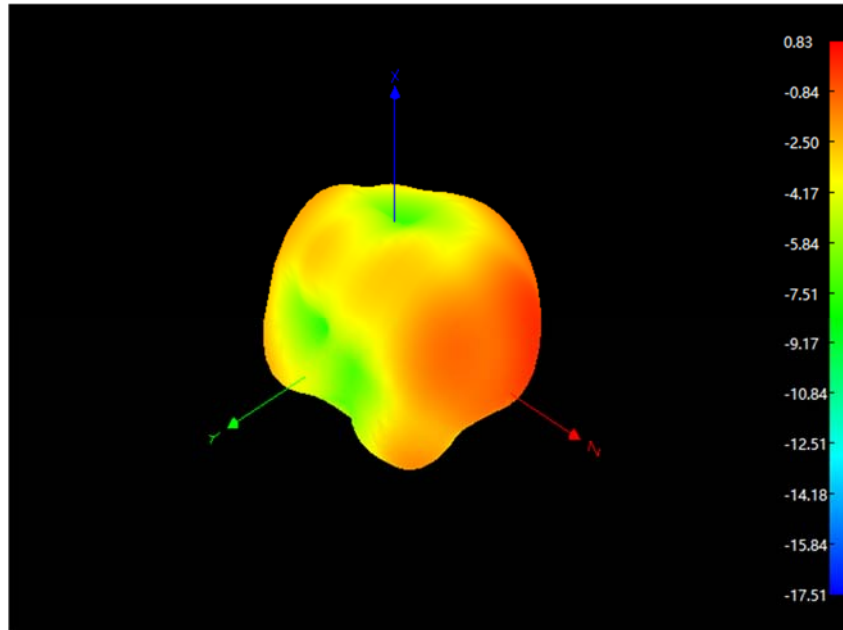


Radiation Pattern at 960 MHz of Antenna

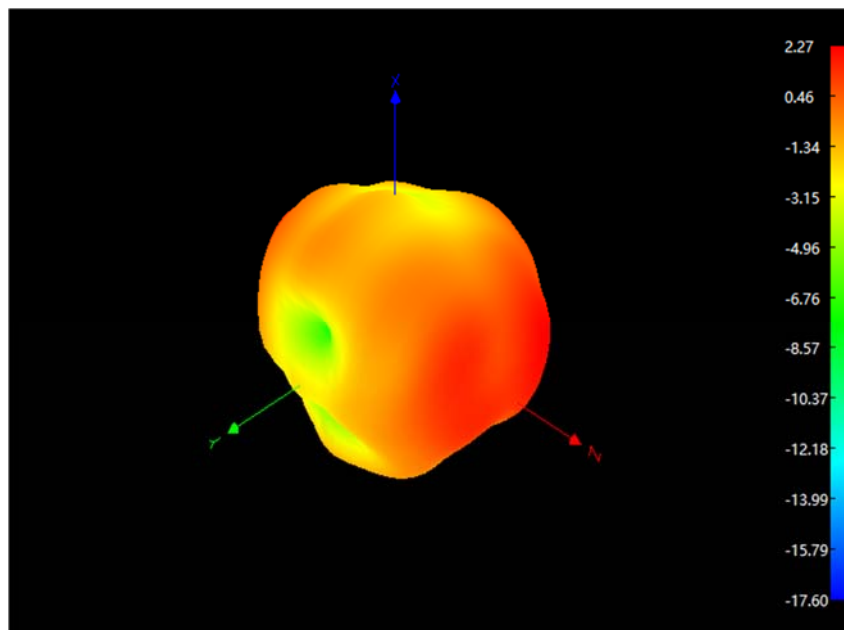


Radiation Pattern at 1710 MHz of Antenna

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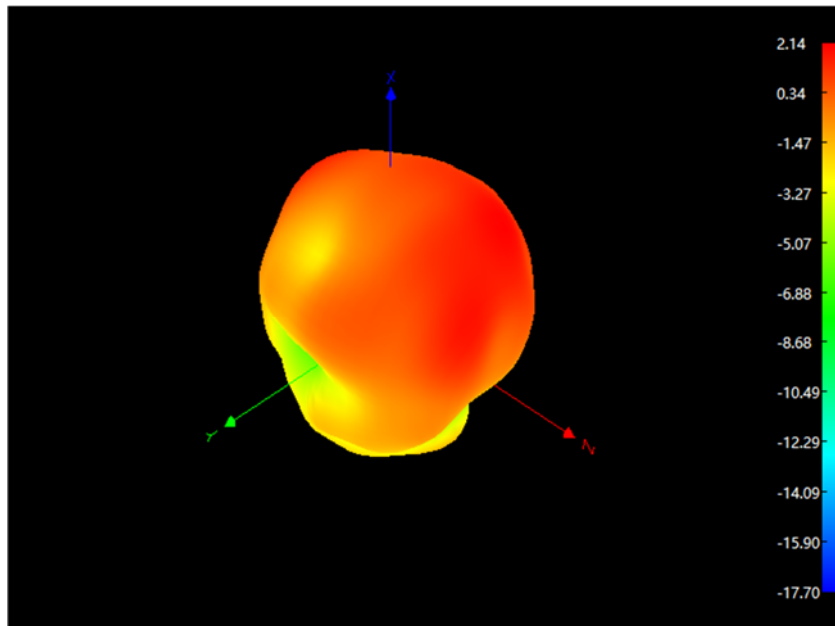


Radiation Pattern at 1880 MHz of Antenna



Radiation Pattern at 2170 MHz of Antenna

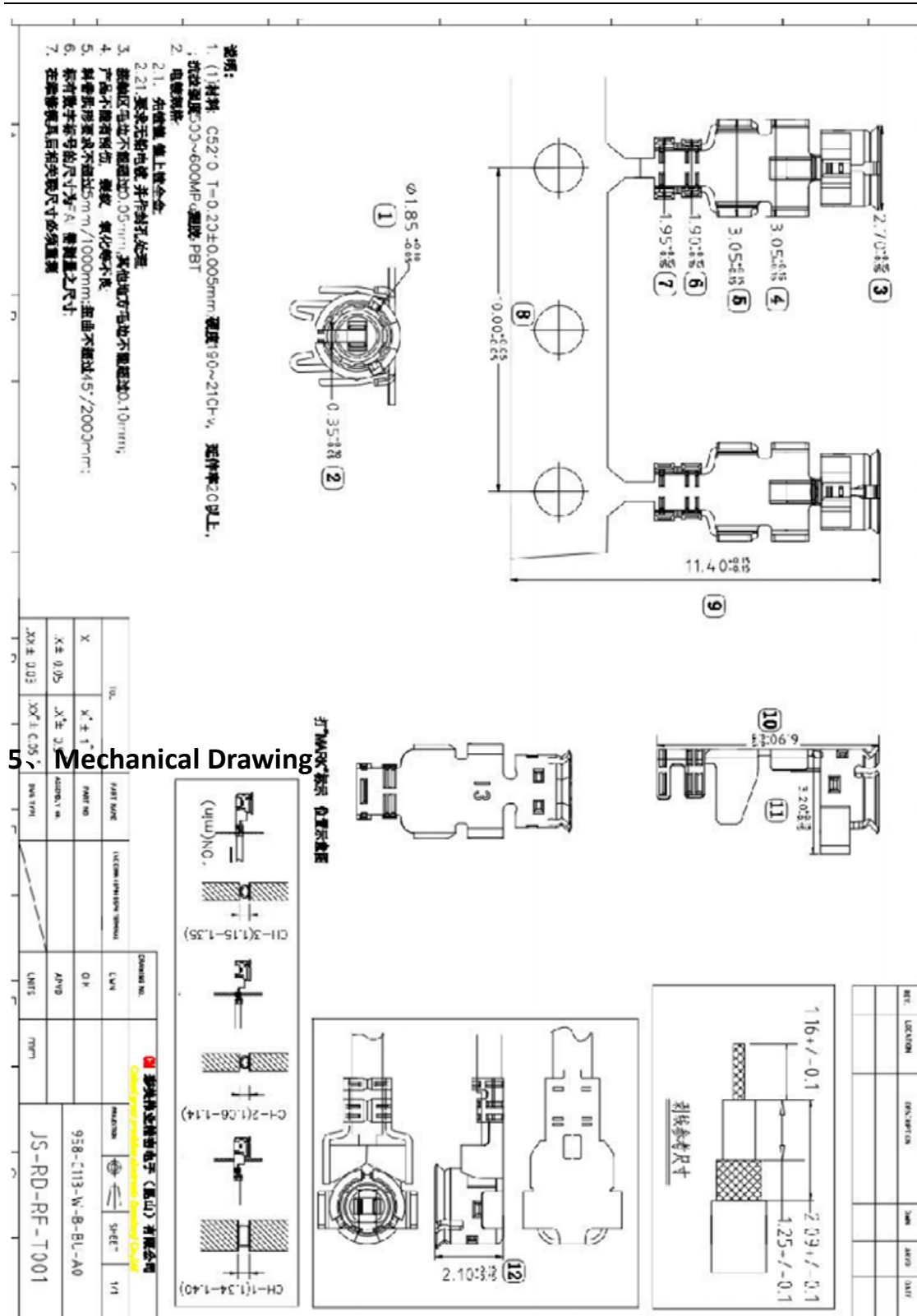
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Radiation Pattern at 2690 MHz of Antenna

4、IPEX/U.FL

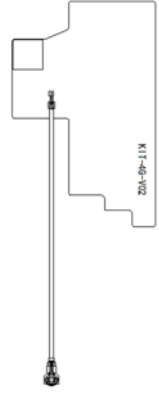
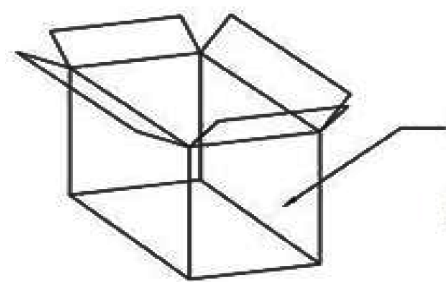
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5 Mechanical Drawing

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6、Packaging

Packaging					
Customer Name:particle		name: G142-10005-A		Code:	
				TEST: A	
S T e p s	Code	name	size	quantities	
	PE	PE bag	230*330*0.1 2	500/5000	
	SYC-BZ-01	Paper box	270*250*13 0	1/5000	
					N O T I C E
<div style="display: flex; justify-content: space-around; align-items: center;">  <div style="border: 1px solid black; padding: 5px; margin-left: 20px;">5000PCS</div> </div>					
compile		approval		MADE	DATE