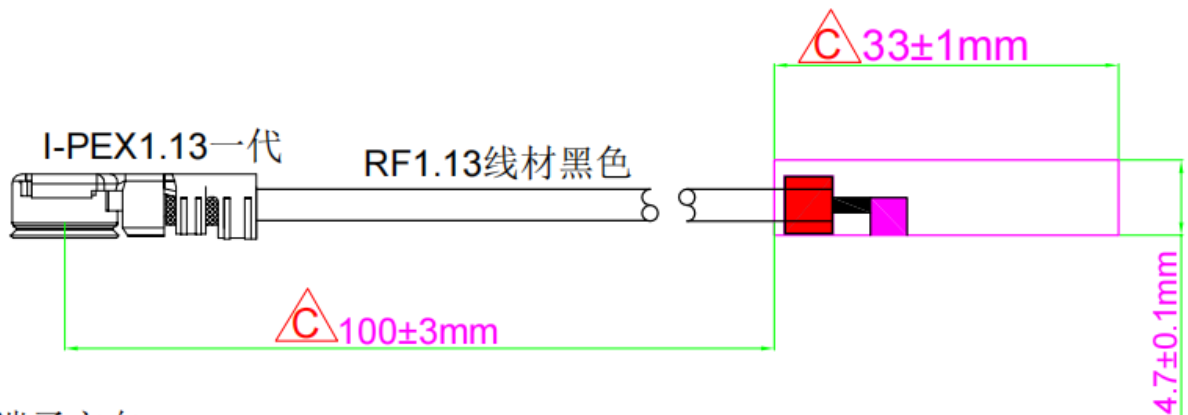
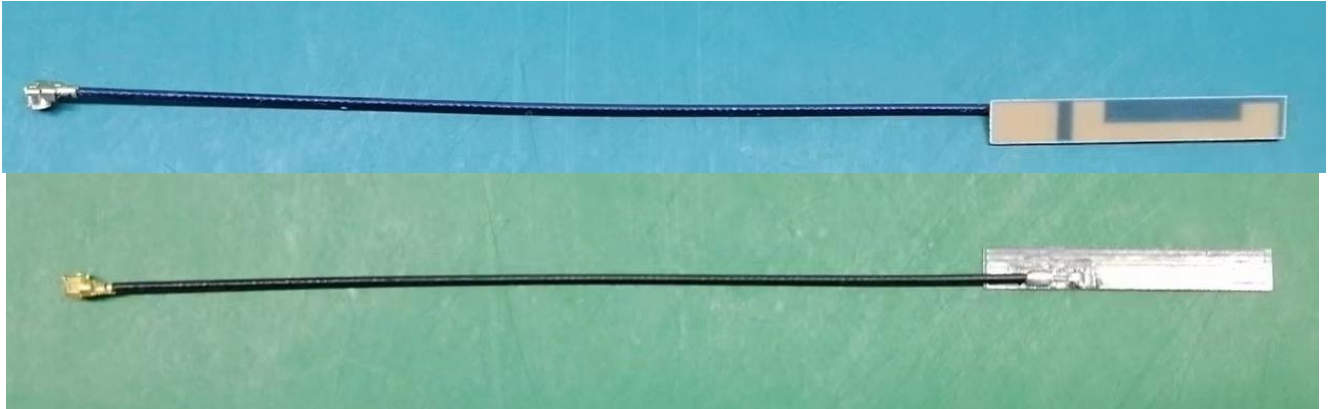


Product Number: 2.4G Antenna L=100mm MHF

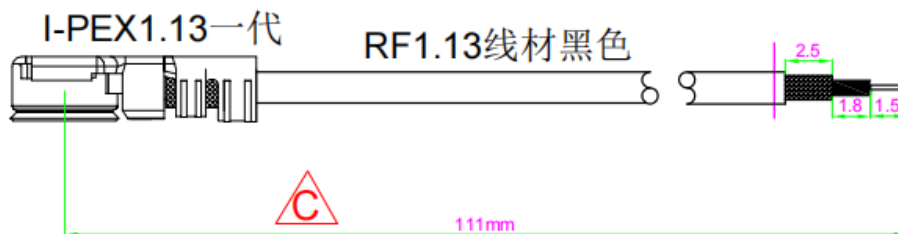
Product Name : ETS000622

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1. Reliability Testing
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- 



注意端子方向



Product Number: 2.4G Antenna L=100mm MHF

Product Name : ETS000622

## 1. Reliability Testing

Test Item	Procedure	Requirement
<b>1. Visual inspection and Dimension Check</b>	Applicable methods using x5 magnification	follow specification
<b>2. Rapid Changing of Temperature</b>	-40°C (30minutes) to 90°C (30minutes); 24 cycles	After 2 hours recovery: 1. no visible damage 2. Freq. Tol.: < ±5%
<b>3. Damp Heat</b>	24 hours at 60°C; 90 ~ 95% RH	After 2 hours recovery: 1. no visible damage 2. Freq. Tol. : < ±5%
<b>4. Endurance</b>	24 hours at 90°C	After 2 hours recovery: 1. no visible damage 2. Freq Tol.: < ±5%

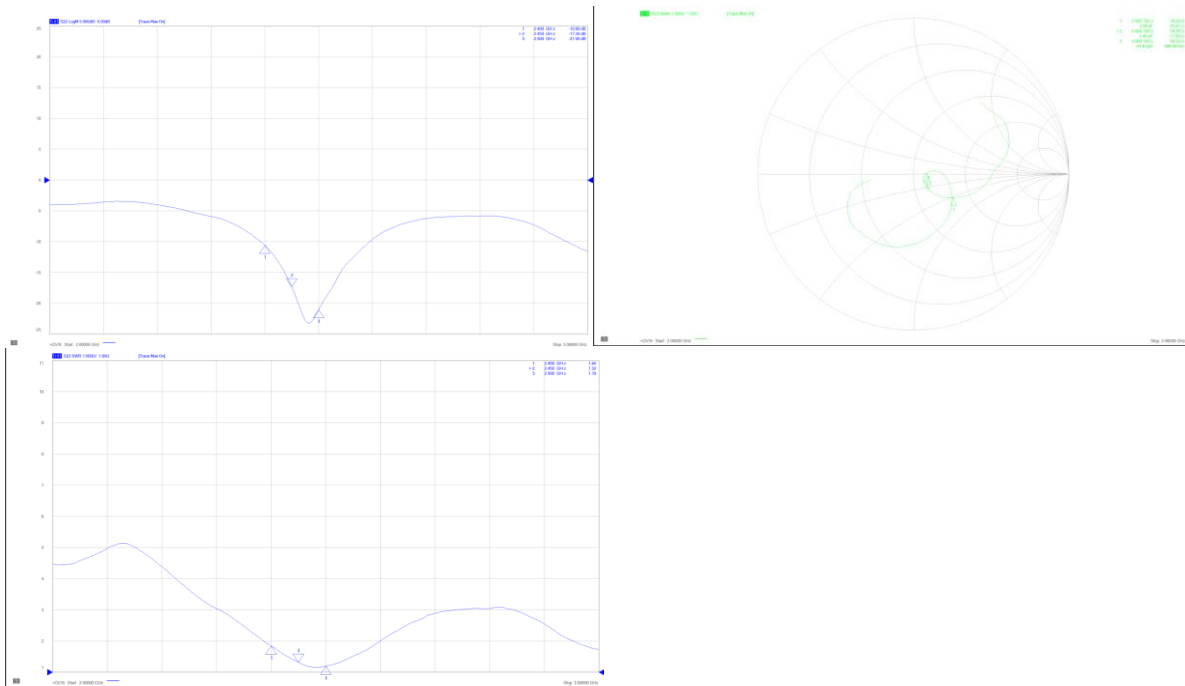
Product Number: 2.4G Antenna L=100mm MHF

Product Name : ETS000622

## 2. Specification

A. Electrical Characteristics	
S.W.R.	2400-2500MHz:≤1.85
Peak Gain	4 dBi typ.
Impedance	50 Ohm
B. Material	
Material of Radiator	Cu (Plated)
Connector Type	IPEX
C. Environmental	
Operation Temperature	- 30 °C ~ + 85 °C
Storage Temperature	- 30 °C ~ + 85 °C

## 3. S Parameter Test data

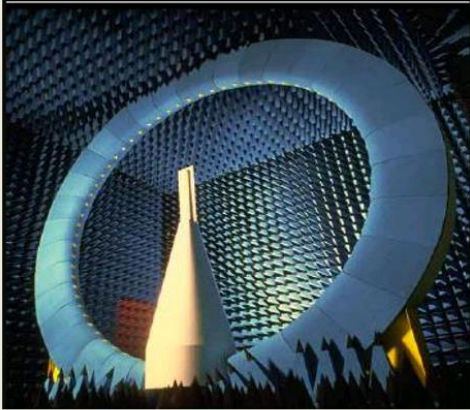


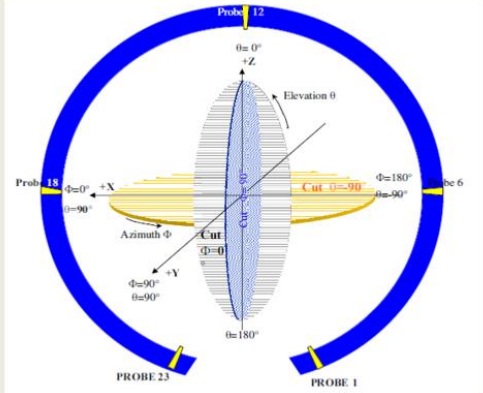
Product Number: 2.4G Antenna L=100mm MHF

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#### 4. Antenna Radiation Pattern

### Chamber Information

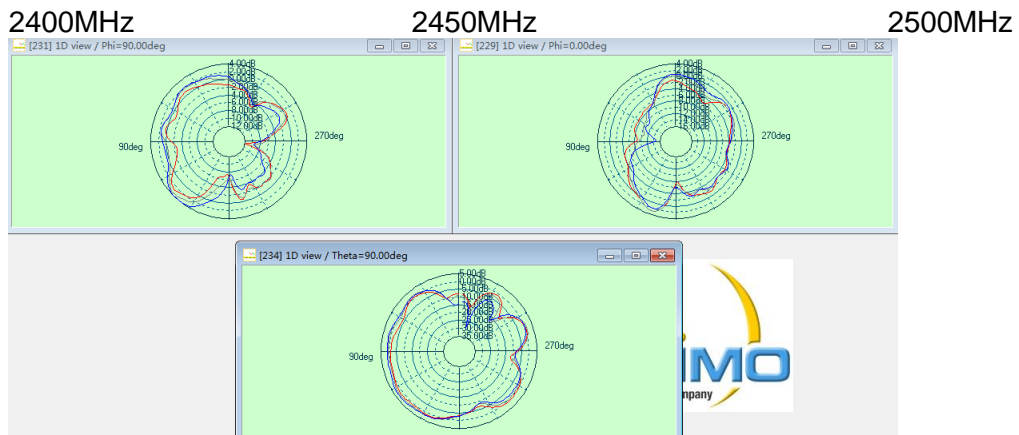
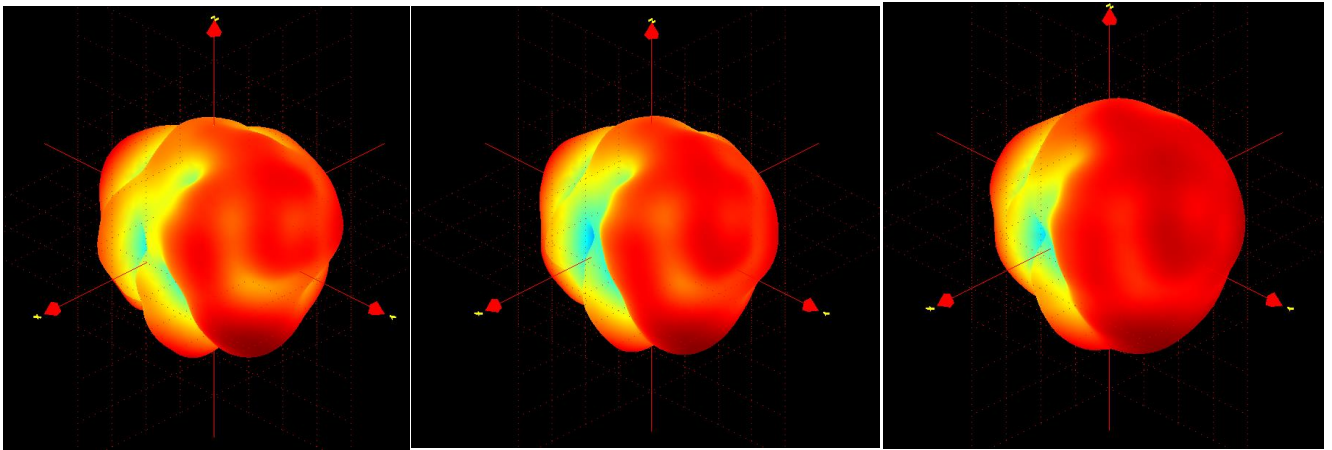




Chamber	Brand	Model	Location
SATIMO	SATIMO	SG-32	COWIN

	$\theta$	$\psi$
Total angle	175°	360°
How many angle scan one point	5°	5°
Total scan point	36	73



**Product Number: 2.4G Antenna L=100mm MHF**

**Product Name : ETS000622**

<b>Antenna Efficiency</b>	
<b>Frequency (MHz)</b>	<b>Efficiency (%)</b>
2400	42%
2410	43%
2420	45%
2430	47%
2440	48%
2450	48%
2460	48%
2470	47%
2480	47%
2490	46%
2500	48%