

# 深圳悦信通电子有限公司

Shenzhen Guan De Tong Technology CO., LTD

TEL: +86 0755-88298396 FAX: +86 755 88298399 MOBILE: 18165722639

## APPROVA

versions:A1

Client :

品名规格  
DESCRIPTION: SMA2.4G 3.5DB

料号  
PART NO.: JJX008-TG000092

客户料号  
CUS PART NO.:

日期  
D A T E: 2023.5-5

### 呈样签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	业 务 SALES DEPARTMENT
田宏	田青	胡海芯

### 客户承认签章

工 程 ENGINEERING DEPARTMENT	品 保 Q C DEPARTMENT	采 购 PURCHASING DEPARTMENT

✱ 客户确认样品附意栏:

## 电器技术参数

### Technical parameters of electrical appliances

电性能指标		Electrical Specifications	
频率范围	2400-2500MHZ	Frequency Range	2400-2500MHZ
电压驻波比	≤2.0	VSWR	≤2.0
增益	3.5DBI	GAIN	3.5DBI
输入阻抗	50 Ω	Input Impedance	50 Ω
机械指标		Mechanical Specifications	
天线颜色	白色	Antenna Color	white
接口形式	SMA	Input connector	SMA
天线长度	136mm+3	Cable length	136mm+3
工作温度	-40℃~+85℃	Working Temperature	-40℃~+85℃
工作湿度	20~80%	Working Humidity	20~80%

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Product picture;



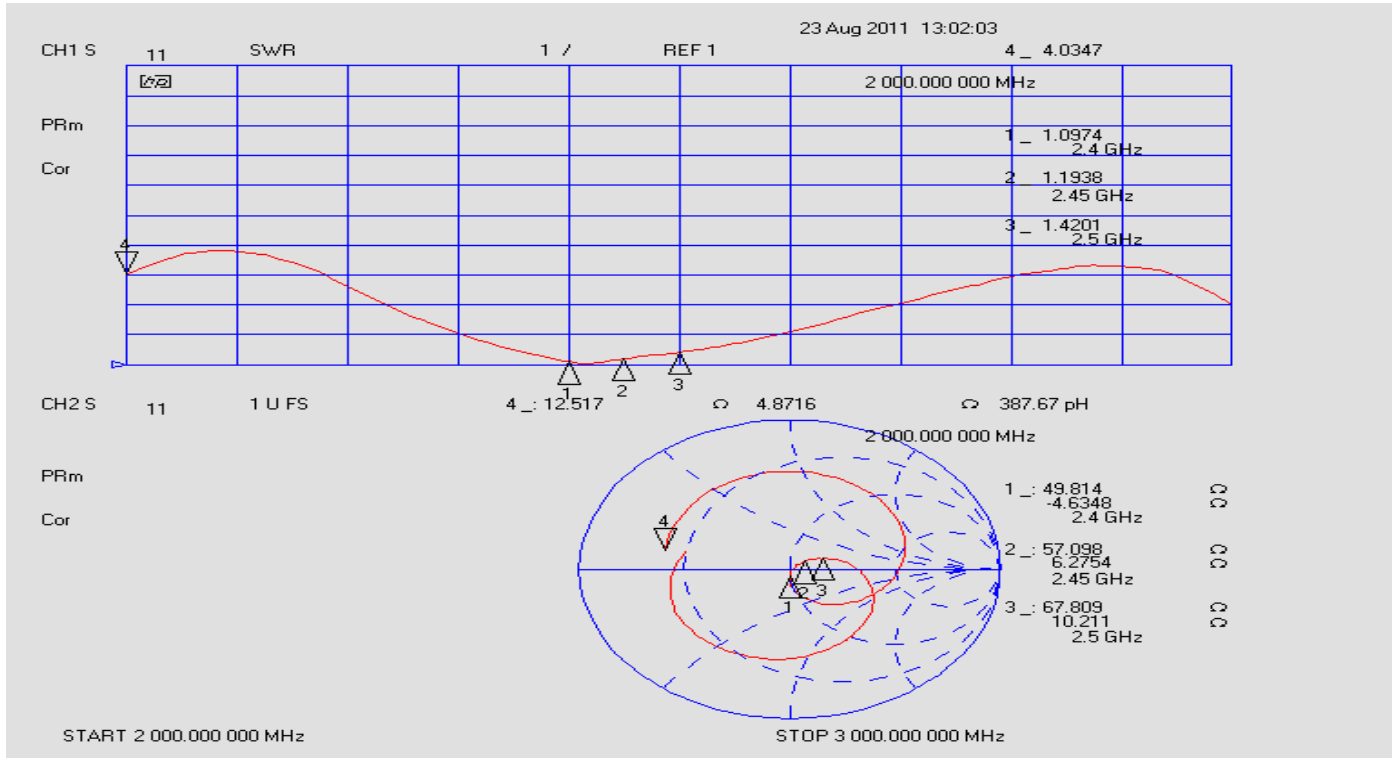
Built-in Copper Material

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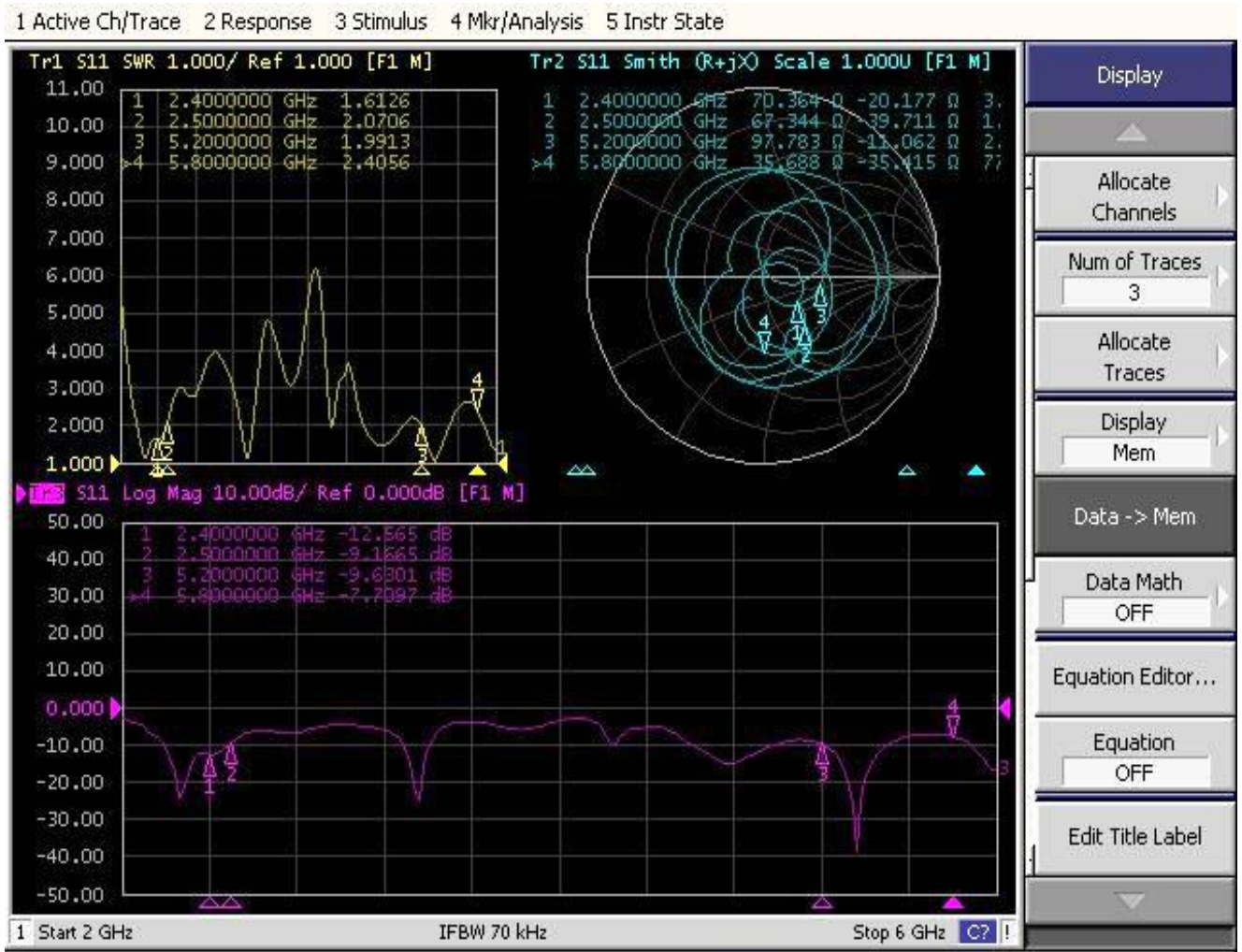
- Network analysis test:



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## 环境性能测试 (Environmental performance test) :

ITEM	TEST CONDITION	TEST RESULT
The storage environment	In the absence of the specified circumstances test temperature, humidity, air pressure is as follows: 1 temperature is -30 °C ~ +80 °C 2 relative humidity for 45%-85% The 3 pressure is 86kpa-106kpa	Electrical and mechanical properties of normal
Thermocycling ;	5 cycles between 70 °C and 40 °C, then under normal conditions 1-2H, appearance quality inspection.	Dimensions should meet the requirements and shall satisfy

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		In the mechanical, electrical properties
Resistance to damp heat Test	Relative humidity is $95 \pm 3\%$ , test temperature: $40 \text{ }^{\circ}\text{C}$ . Continue after 2H, Test within the product after removing the 5min determination of the electrical properties, in the normal sample Under 1-2H, the appearance of quality inspection	Dimensions should meet the requirements and shall satisfy  In the mechanical, electrical properties
vibration test ;	Displacement amplitude of vibration frequency range: 10-55HZ, 0.35MM, the amplitude of acceleration: 50.0M/S, sweep cycle times: 30 times	Electrical and mechanical properties of normal
fall-down test ;	1M high altitude in accordance with the perpendicular axis free fall 3	Electrical and mechanical properties of normal

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Agilent network analyzer test chart:

