



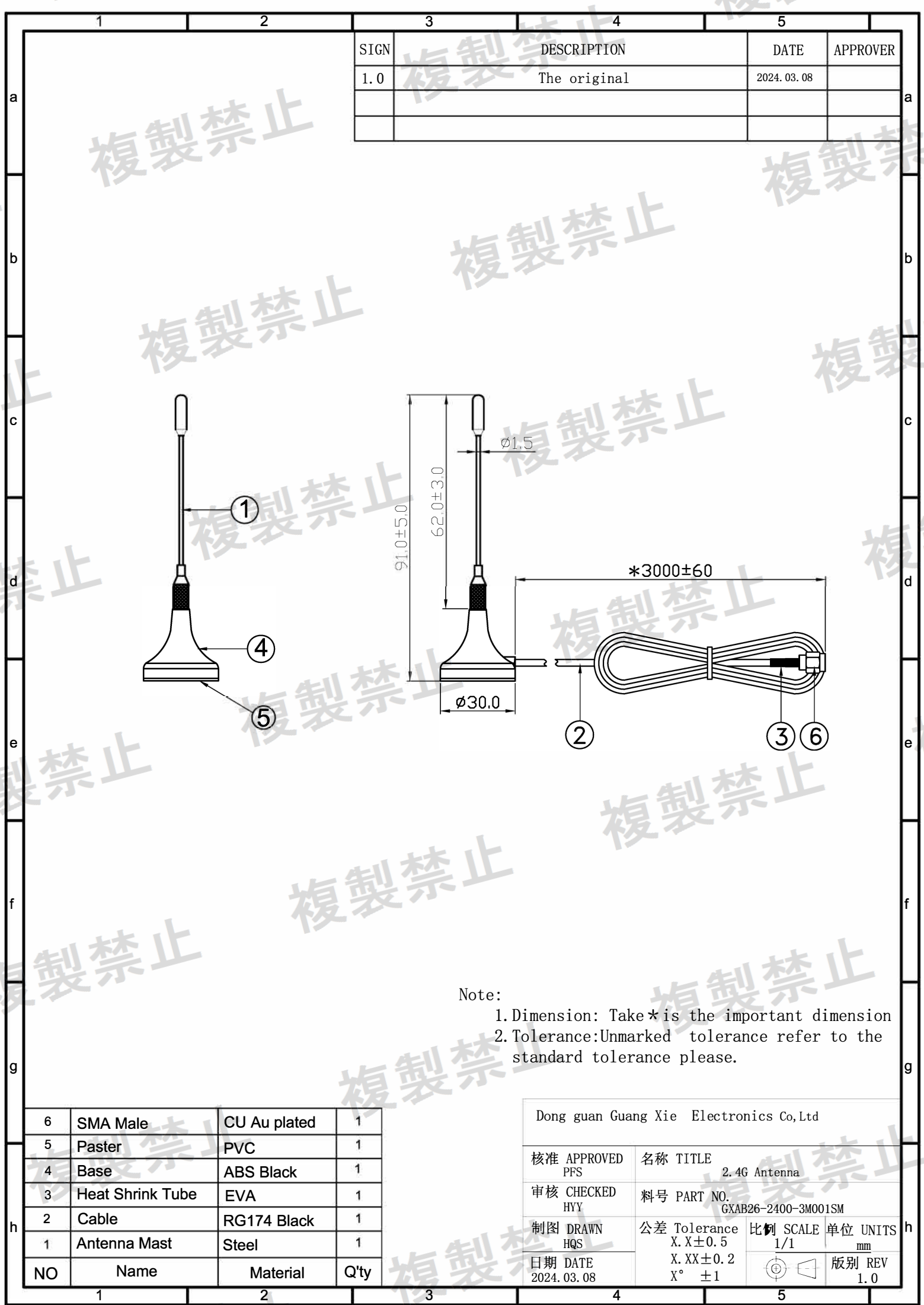
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版次说明 Version of Approval sheet

Room 401, 4th Floor, Building 2, No. 13, Shachong Road, Shatou South District, Chang 'an Town, Dongguan City



SIGN	DESCRIPTION	DATE	APPROVER
1.0	The original	2024. 03. 08	

Note:

- 1.Dimension: Take* is the important dimension
- 2.Tolerance:Unmarked tolerance refer to the standard tolerance please.

6	SMA Male	CU Au plated	1
5	Paster	PVC	1
4	Base	ABS Black	1
3	Heat Shrink Tube	EVA	1
2	Cable	RG174 Black	1
1	Antenna Mast	Steel	1
NO	Name	Material	Q'ty

Dong guan Guang Xie Electronics Co,Ltd			
核准 APPROVED PFS	名称 TITLE 2.4G Antenna		
审核 CHECKED HYH	料号 PART NO. GXAB26-2400-3M001SM		
制图 DRAWN HQS	公差 Tolerance X.X±0.5 X.XX±0.2 X° ±1	比例 SCALE 1/1	单位 UNITS mm
日期 DATE 2024. 03. 08		版别 REV 1.0	



规格说明 Specification

电气特性 Electrical Characteristics

频率范围 Frequency	2400 ~ 2500 MHz
电压驻波比 S.W.R.	≤ 2.0
最大增益 Peak Gain	-0.17 dBi
辐射模式 Radiation Pattern	Omni-Directional
极化形式 Polarization	Linear
输入阻抗 Impedance	50 Ohm

原料&机械特性 Material & Mechanical Characteristics

辐射体 Material of Radiator	Cu
线材型号 Cable Type	RG-174U Cable Loss:1.9dB @ 2450MHz for 1 Meter
连接器型号 Connector Type	SMA Male

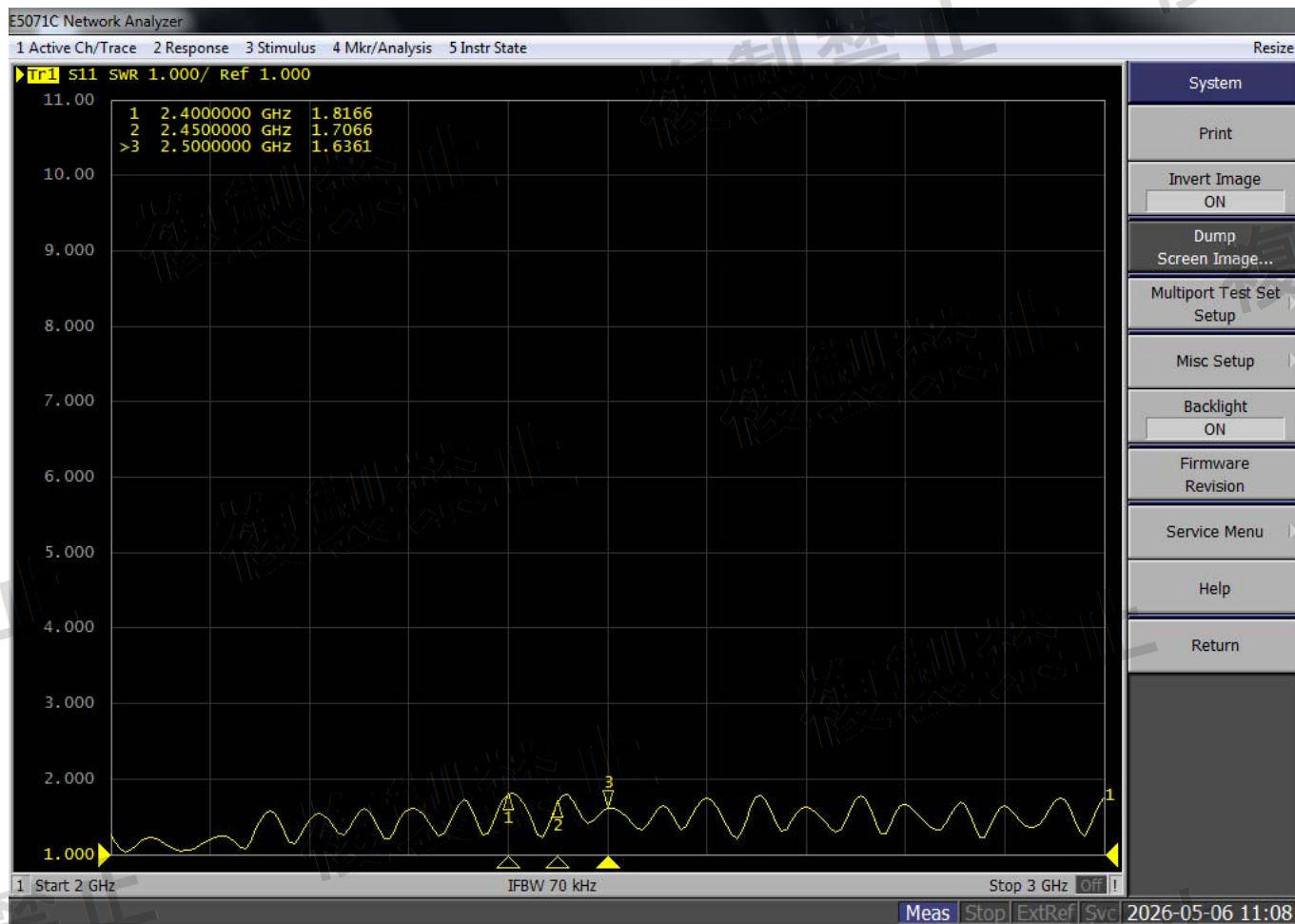
环境条件 Environmental

工作温度 Operation Temperature	- 40 °C ~ + 70 °C
储藏温度 Storage Temperature	- 40 °C ~ + 80 °C



天线参数测试 Antenna - S Parameter Test Data

VSWR

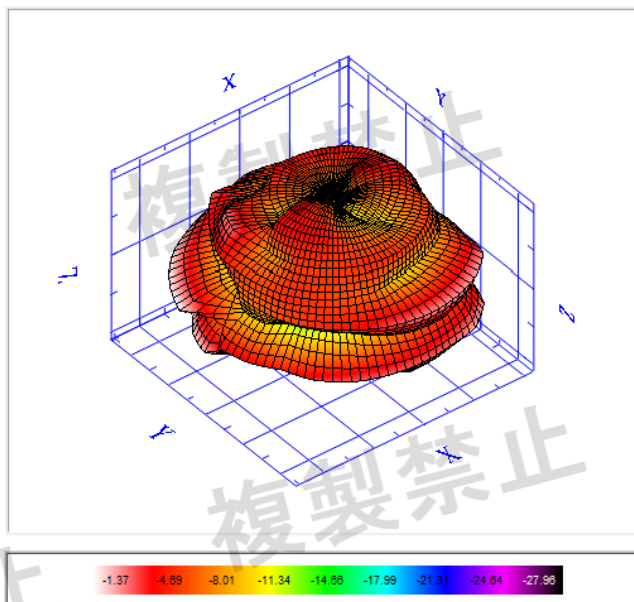




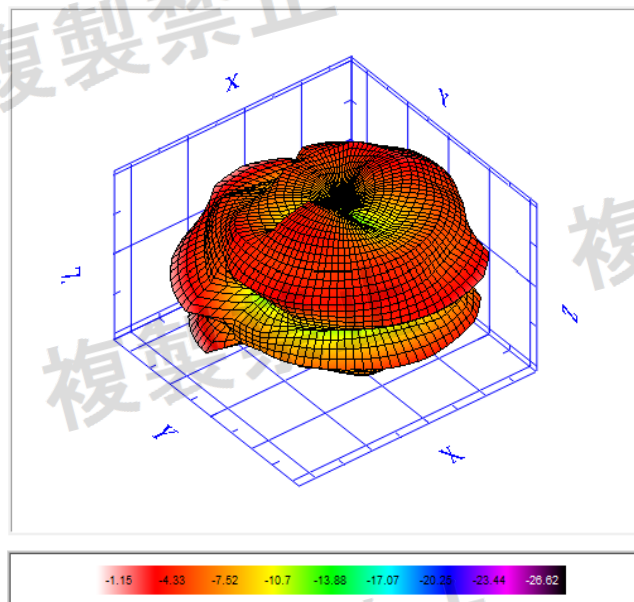
天线厂型测试 Antenna - Radiation Pattern Test Data

Antenna Radiation Pattern

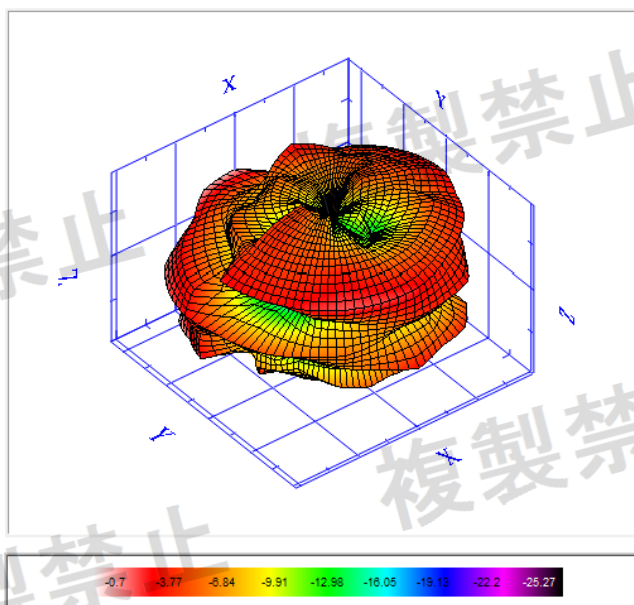
2400 MHz



24500 MHz



2500 MHz





Gain and Efficiency Test Data

Frequency	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain (dBi)	-1.37	-1.45	-1.79	-1.71	-1.73	-1.15	-0.94	-0.53	-0.17	-0.48	-0.7
Directivity	4.76	4.89	4.77	4.93	4.95	5.48	5.71	6.02	5.79	5.57	5.64
Efficiency (%)	24.38	23.26	22.12	21.71	21.45	21.72	21.61	22.11	25.33	24.83	23.23