



Specification For Approval

Customer Changjia Electronic Technology Co., Ltd.

Supplier Gaoke Ant Co., Ltd

Customer P/N C1262240000011

Production Name 2.4&5.8G Folding rod antenna

Production Number GKZS-2.4&5.8G-SMANZG-195A

Supplier Signature		
Engineer	Checked by	Approved by
Liu Nanhua	Chen Jie	Yang Jingsong
2022-5-14	2022-5-14	2022-5-14

Customer Signature		
Engineer	Checked by	Approved by
Date:	Date:	Date:

Remark: Note: After the customer confirms and stamps, please return this admits to our company.

Gaoke Ant Co., Ltd

Add: 2 Floor, No. 22 Guangcong South Road, Shengang, Taiping town, Conghua District,
Guangzhou, Guangdong, China 510980

Tel: 020-87080630/87080639/87080632

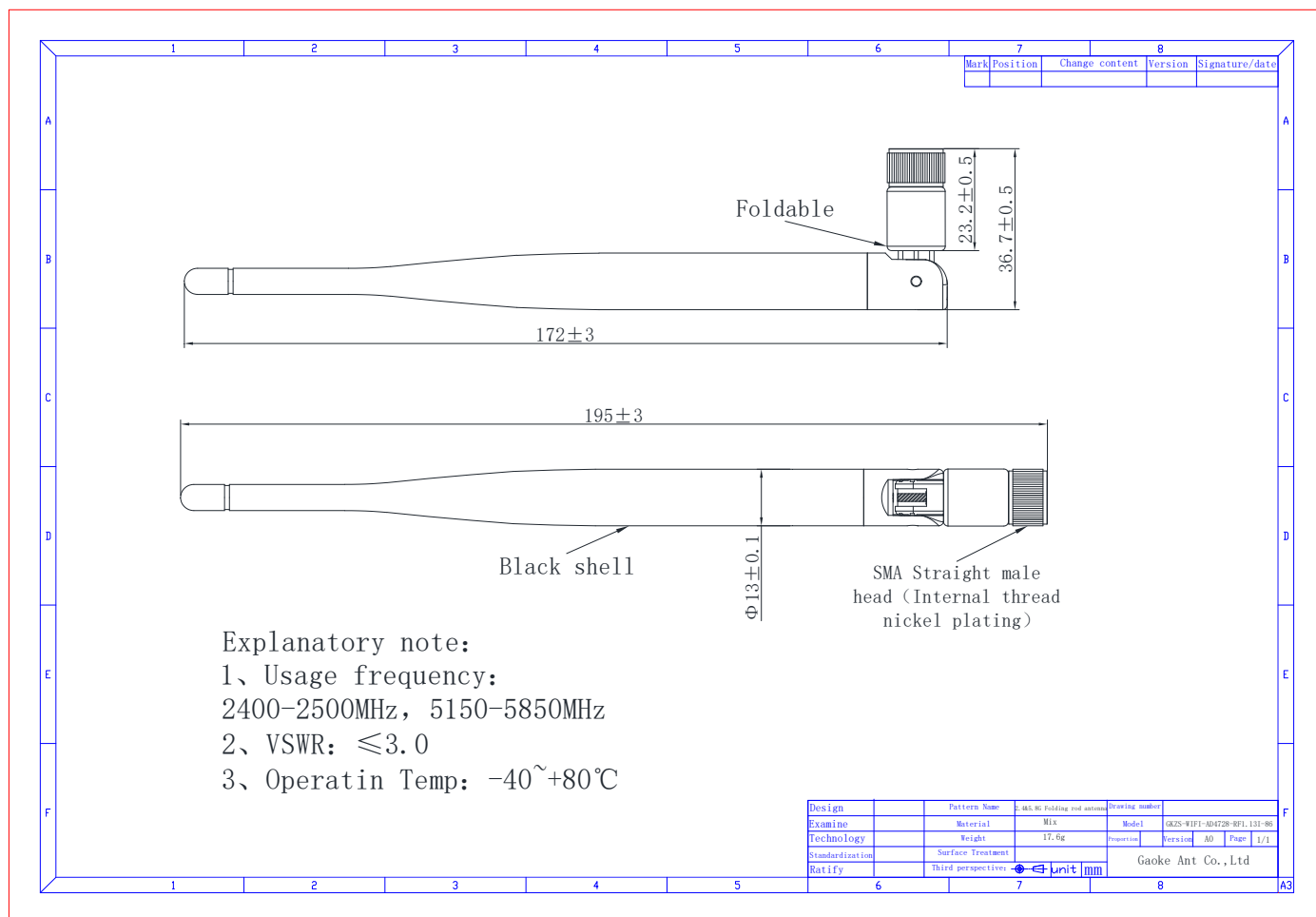
Fax: 020-87080731

<http://www.gkzs.com.cn>



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1. Product Structure Drawing (mm)



2. product physical image





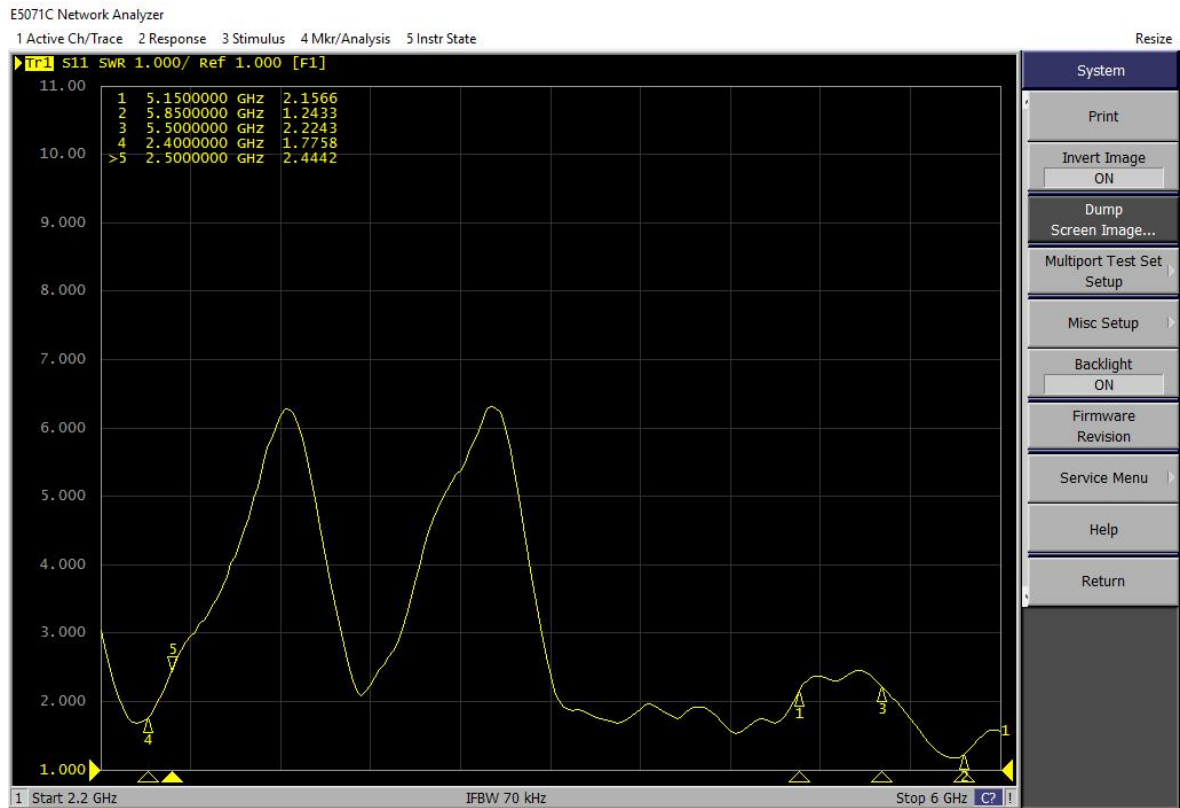
3. Antenna technical parameters

Design Specifications	Typical
Antenna form	Folding rod antenna
working Frequency	2400-2500MHz ; 5150-5850MHz
Gain	2400-2500MHz:3.50dBi; 5150-5850MHz:4.36dBi
Antenna efficiency	>55%
VSWR	≤3.0
Polarization	linear polarization
Radiation pattern	Omnidirectional
impedance	50 Ω
Interface	SMA Straight male head (Internal thread nickel plating)
Overall dimensions	Φ 13x195mm
Weight	17.6g
Color and Material	Black/ABS
Salt spray level	48H (Joint)
Operatin Temp	-40°C~80°C

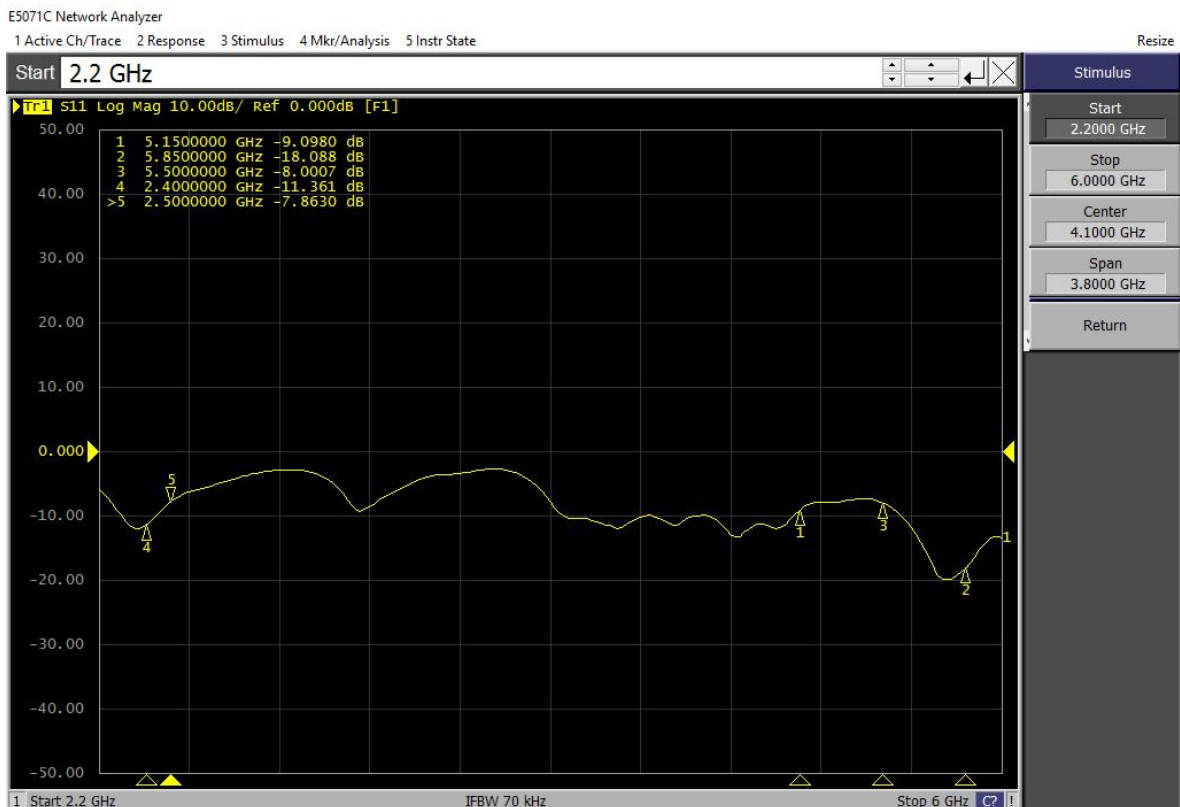


4. Antenna performance testing

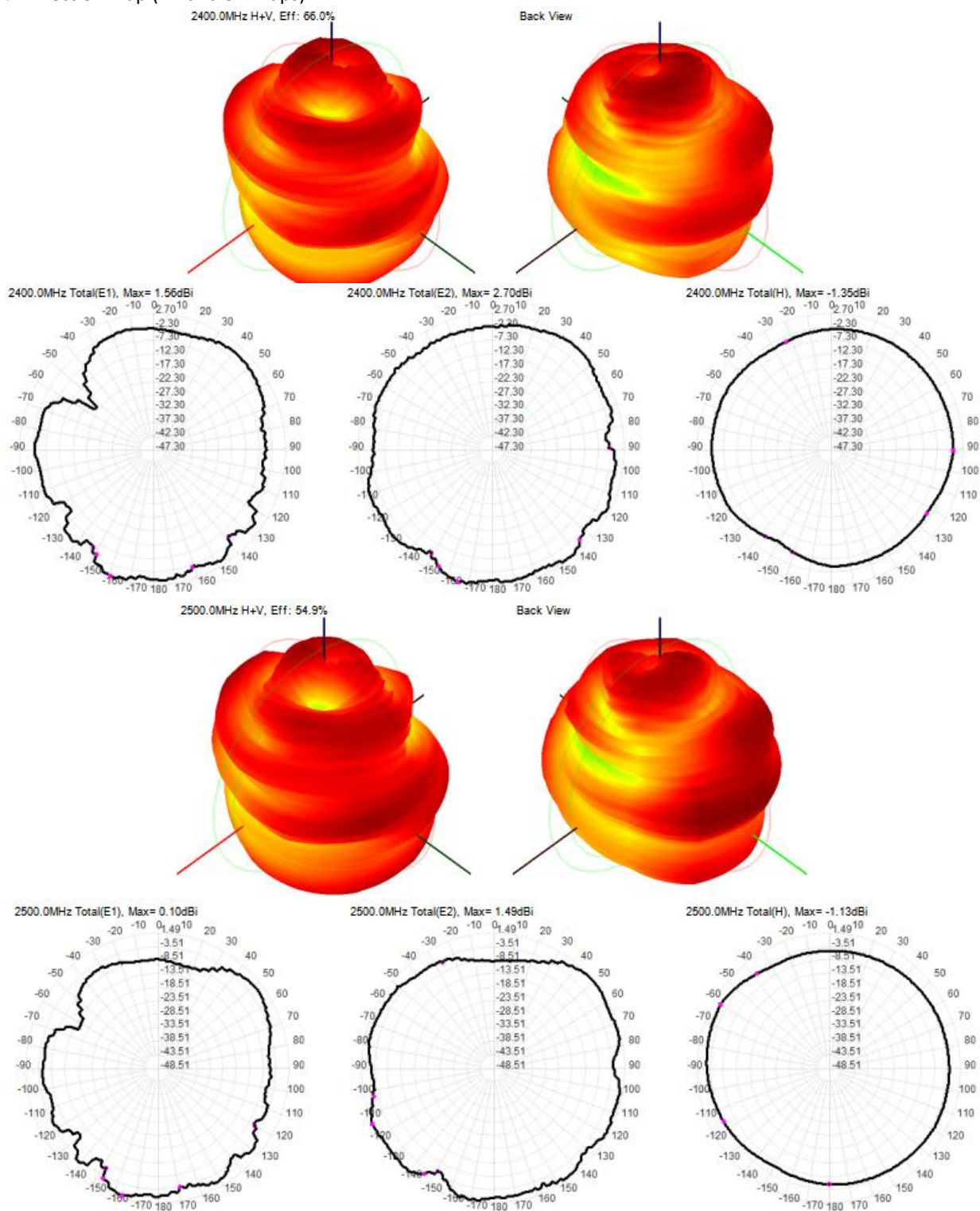
1、standing-wave ratio

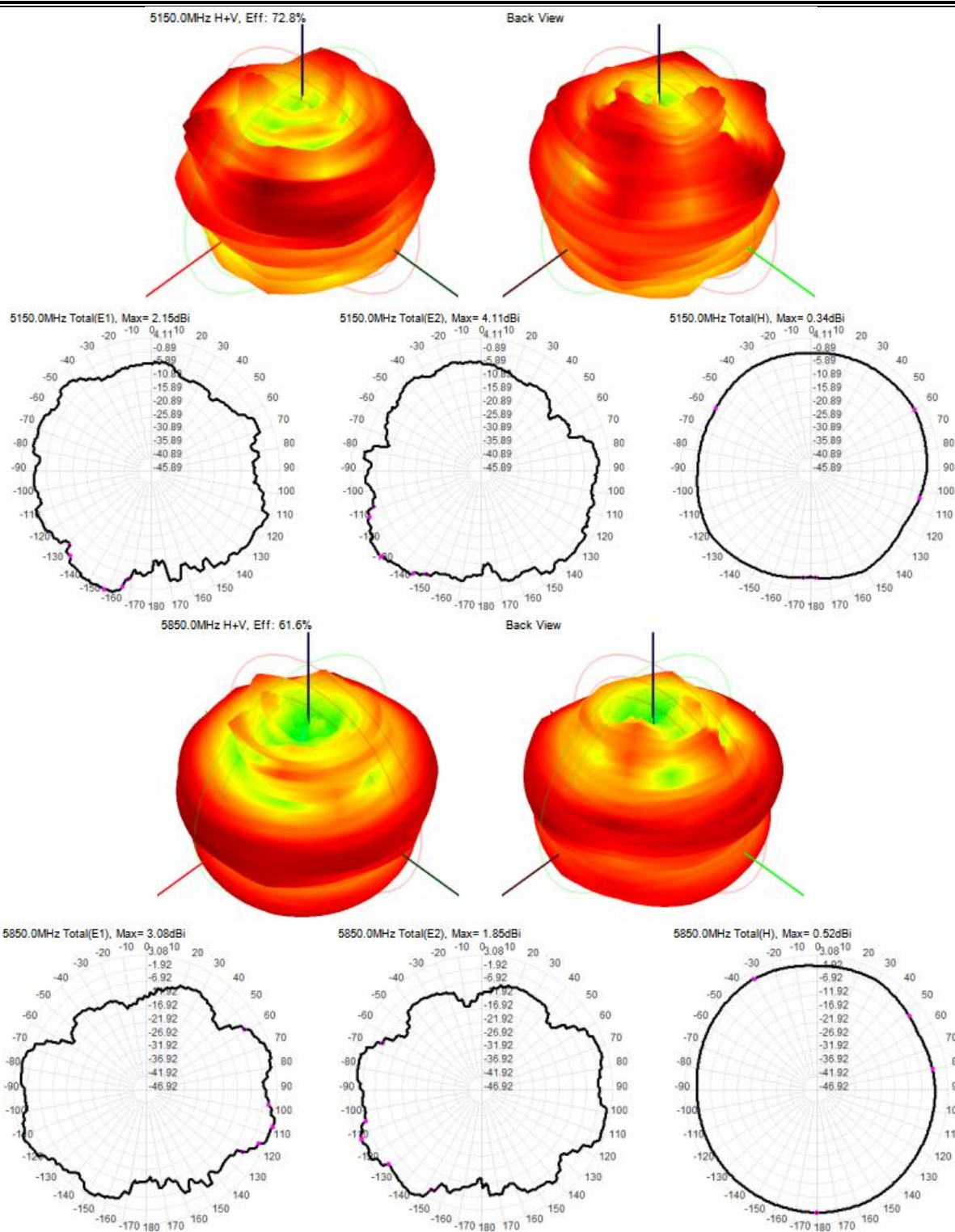


2、Return loss



(3) Direction map (2D and 3D maps)







广州市高科中实通信技术有限公司 Gaoke Ant Co., Ltd.

(4) Efficiency curve



(5) Gain curve

