



苏州赛讯通讯科技有限公司

Product Approval Certificate

客户:

CUSTOMER: Yi Tunnel (Beijing) Technology Co., Ltd.

品名:

PART NAME: 4G Suction Cup Antenna (Main + Diversity Shared)

料号:

PART NO: SX-008-2213

本公司签核 (SIGNAFUR)	工 程 (CHECKED BY)	品 保 (TESTED)	签核日期 (DATE)
	脱彦虎	程带娣	2022/12/27
客户签核 (CUSTOMER APPROVAL)	工 程 (CHECKED BY)	品 保 (TESTED)	签核日期 (DATE)

*SuZhou Saixun Communication Technology Co.,Ltd.

*Add: NO.629,Yunli Road,WuJiang District,SuZhou City,JiangSu Province,China

*TEL: 0512-63636028

*E-Mail: saixun@szsaixun.com

*Web: www.szsaixun.com

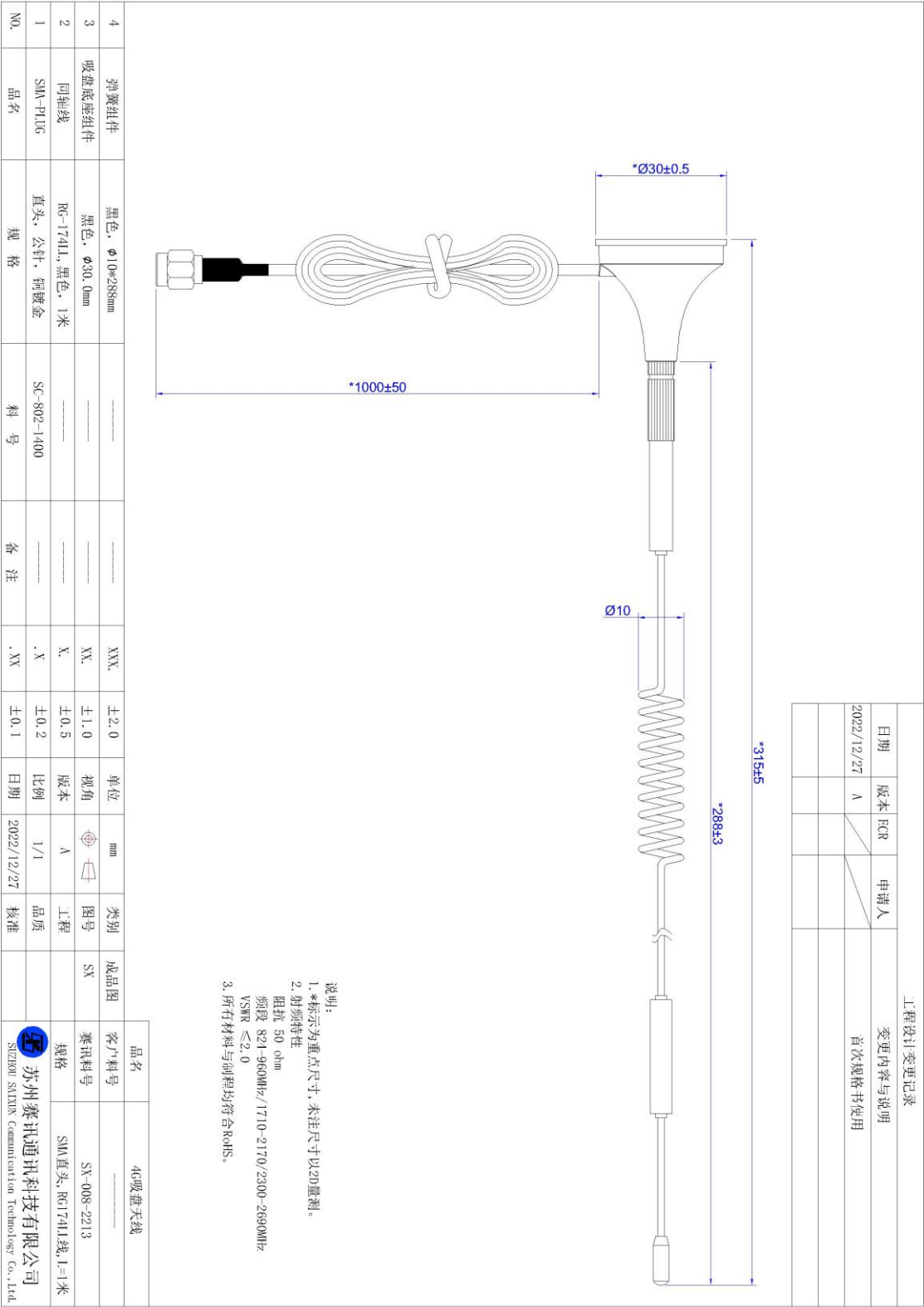


Table of Contents

1. Cover	Page 1
2. Table of Contents	Page 2
3. Product Drawing	Page 3
4. Product Performance Parameter Table	Page 4
4.1 Electrical Parameters	
4.2 Mechanical Parameters	
4.3 Environmental Parameters	
5. Test Report	Pages 5-6
6. Packaging Method	Page 6



3. Product Drawing





4. Performance Parameters

电气参数/Electrical Parameters	
工作频率/Operating Frequency	824-960/1710-2170/2300-2690MHz
输入阻抗/Input Impedance	50 ohm
驻波比/VSWR	≤ 4.0
最大增益/Maximum Gain	≤ 4.0 dBi
方向Directionality	全向/Omnidirectional
极化方式/Polarization	垂直极化/Vertical Polarization
结构形式/Structure Type	单极/Monopole
机械参数/Mechanical Parameters	
产品长度/Product Length	315 mm
连接器/Connector	SMA-J
连接器拉力/Connector Pull Force	5kg min
馈线/Feeder Cable	RG-174LL Coaxial Cable/同轴线
馈线长度/Feeder Length	1m
安装方式/Installation Method	磁铁吸附/Magnetic Adsorption
环境参数/ Environmental Parameters	
工作温度/ Operating Temperature	-30°C~65°C
储存温度/ Storage Temperature	-30°C~75°C

*SuZhou Saixun Communication Technology Co.,Ltd.

*Add: NO.629,Yunli Road,WuJiang District,SuZhou City,JiangSu Province,China

*TEL: 0512-63636028

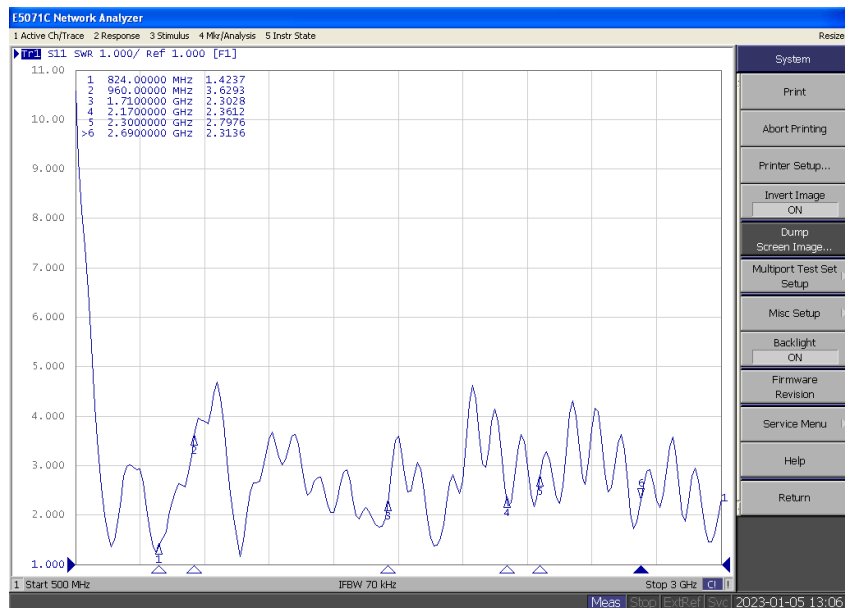
*E-Mail: saixun@szsaixun.com

*Web: www.szsaixun.com



5. Test Report

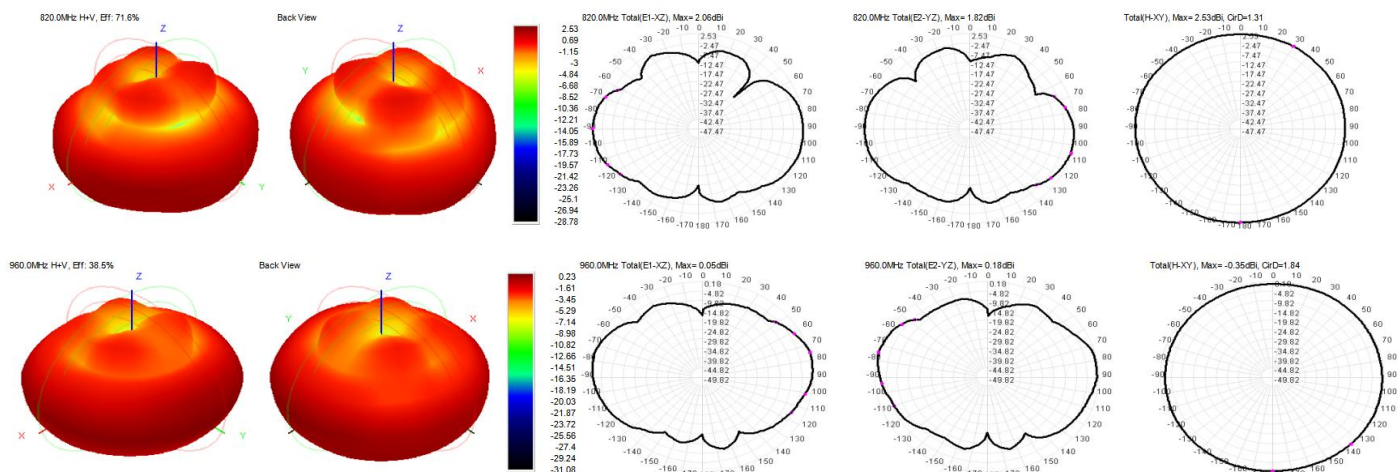
5.1 VSWR:



5.2 增益与效率/ Gain and Efficiency Test:

Frequency ID	1	2	3	4	5	6	7	8
Frequency (MHz)	820.0	960.0	1700.0	1880.0	1900.0	2180.0	2300.0	2700.0
Efficiency (dBi)	-1.45	-4.15	-4.21	-3.78	-3.47	-4.95	-4.10	-3.44
Gain (dBi)	2.53	0.23	3.55	2.76	2.98	1.34	3.05	2.57
Efficiency (%)	71.59	38.49	37.89	41.88	44.97	31.98	38.88	45.28

5.3 方向图/ Radiation Pattern



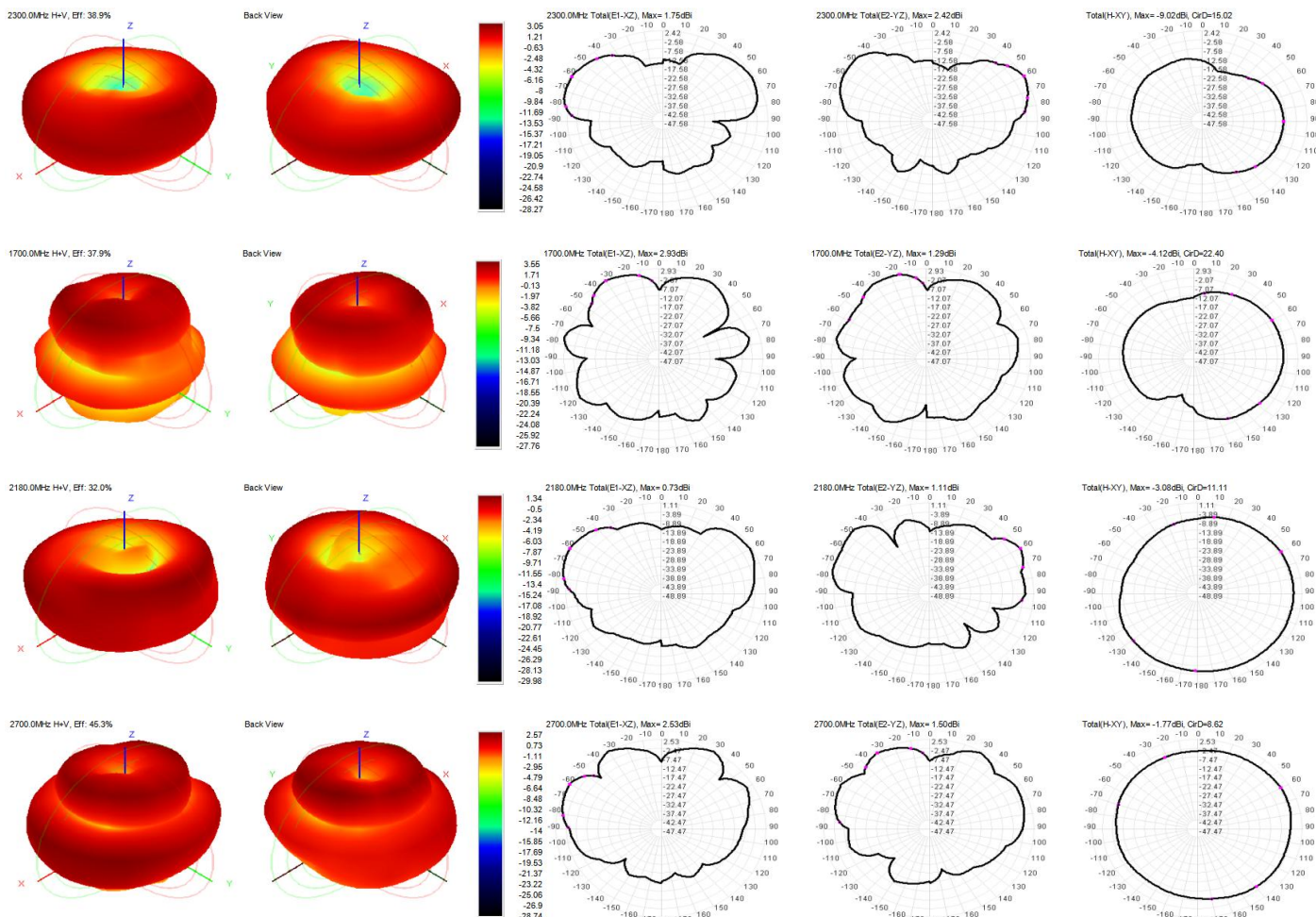
*SuZhou Saixun Communication Technology Co.,Ltd.

*Add: NO.629,Yunli Road,WuJiang District,SuZhou City,JiangSu Province,China

*TEL: 0512-63636028

*E-Mail: saixun@szsaixun.com

*Web: www.szsaixun.com



6. Packaging Method

6.1 Each finished antenna is packed into a PE bag (1 piece per bag), and the bag opening is heat-sealed.

6.2 Other packaging follows conventional methods.

6.3 Outer carton labels are handled in accordance with customer requirements.

-----END-----

*SuZhou Saixun Communication Technology Co.,Ltd.

*Add: NO.629,Yunli Road,WuJiang District,SuZhou City,JiangSu Province,China

*TEL: 0512-63636028

*E-Mail: saixun@szsaixun.com

*Web: www.szsaixun.com