

SPECIFICATION FOR APPROVAL

CUSTOMER :

CUSTOMER PART NO :

SUPPLIER : JIAXING GLEAD ELECTRONICS CO.,LTD.

SUPPLIER PART NO : GSM_WA900K1_J3M



DESCRIPTION : 824 ~ 960MHz /1710 ~ 2170MHz/3M (L) / SMA-J3

REMARKS :

Customer Signature :	Customer Seal:
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Supplier Signature:	Supplier Seal :
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NOTE: Please return this copy as a certification of your approval !

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VERSION	DATE	REVISION DESCRIPTION	PREPARED	CHECKED	APPROVED
V1.0	2014/01/11	NEW ISSUED	Wu Zhijun	Yan Wenli	Gao Sheng

CUSTOMER APPROVED		
Quality Dept.	Production Dept	Technology Dept
Name : Tel : E-mail :	Name : Tel : E-mail :	Name : Tel : E-mail :
GLEAD APPROVED		
Quality Dept	Production Dept	Technology Dept
Name : Jiang xiao qiang Tel : 13666790023 E-mail : zyjq2007@163.com	Name : Li Ling Tel : 0573-83662647 E-mail : liling0573@126.com	Name : Gao sheng Tel : 13758061389 E-mail : gaosheng@glead.com.cn

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GSM_WA900K1_J3M	2014.01.11	3/6
Prepared by	Checked by	Approved by
Wu Zhijun	Yan Wenli	Gao Sheng

1、 Photo (For reference only)



Full view

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GSM_WA900K1_J3M	2014.01.11	4/6
Prepared by	Checked by	Approved by
Wu Zhijun	Yan Wenli	Gao Sheng

2、Electrical Characteristics

1	Frequency Range	GSM900 : 824 ~ 960MHz
		GSM1800 : 1710 ~ 1990MHz
		GSM 3G: 2170MHz
2	V.S.W.R	GSM900 : 2.0:1
		GSM1800: 2.0:1
		GSM 3G: 2.0:1
3	Impedance	50 ohm
4	Gain(Typical)	3.0dBi(MAX)(No Cable)
5	Azimuth	Omni-direction
6	Polarization	Vertical
7	Power Capacity	50W
8	Lighting protection	Direct-current earth

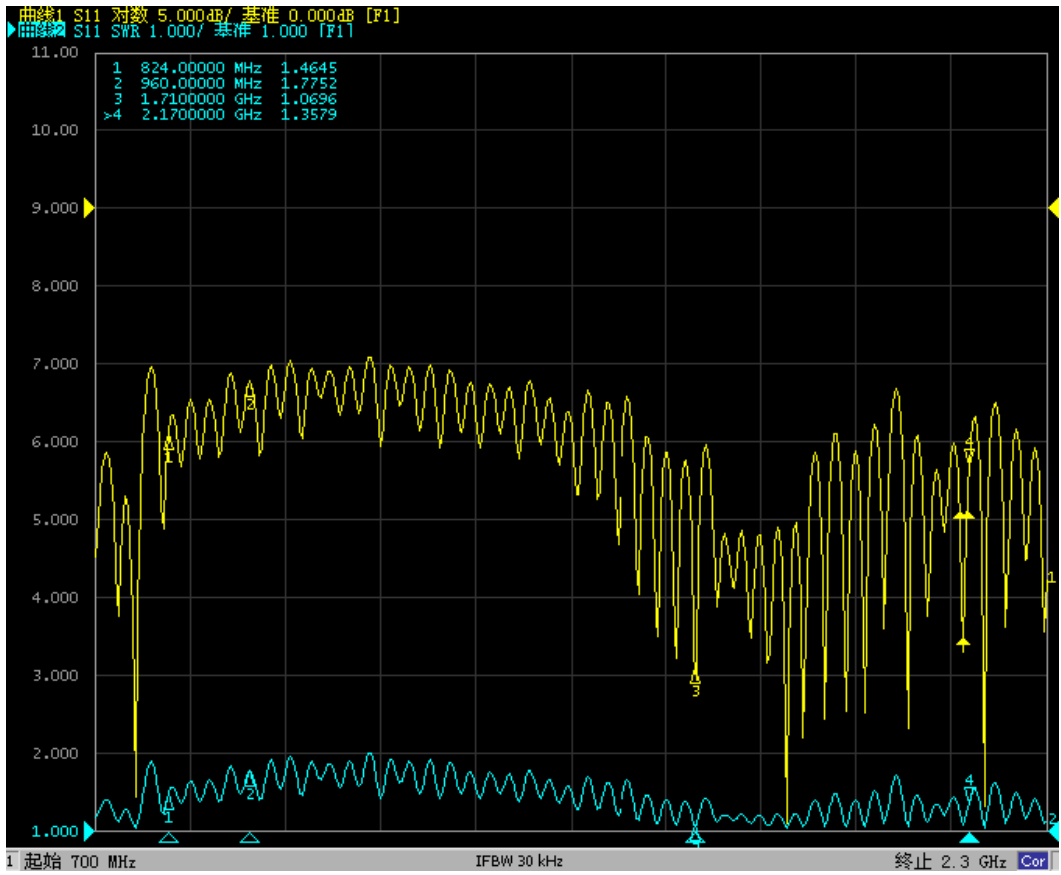
3、Material



No	Part Name	SPEC
1	Antenna Length (mm)	30x96mm
2	Pedestal	ABS
3	Radome Color	Black
4	RF Connector	SMA-J3
5	RF Cable	RG174(L=300 ± 10cm)
6	Mounting	Magnetic Base

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4、Patch Test curve



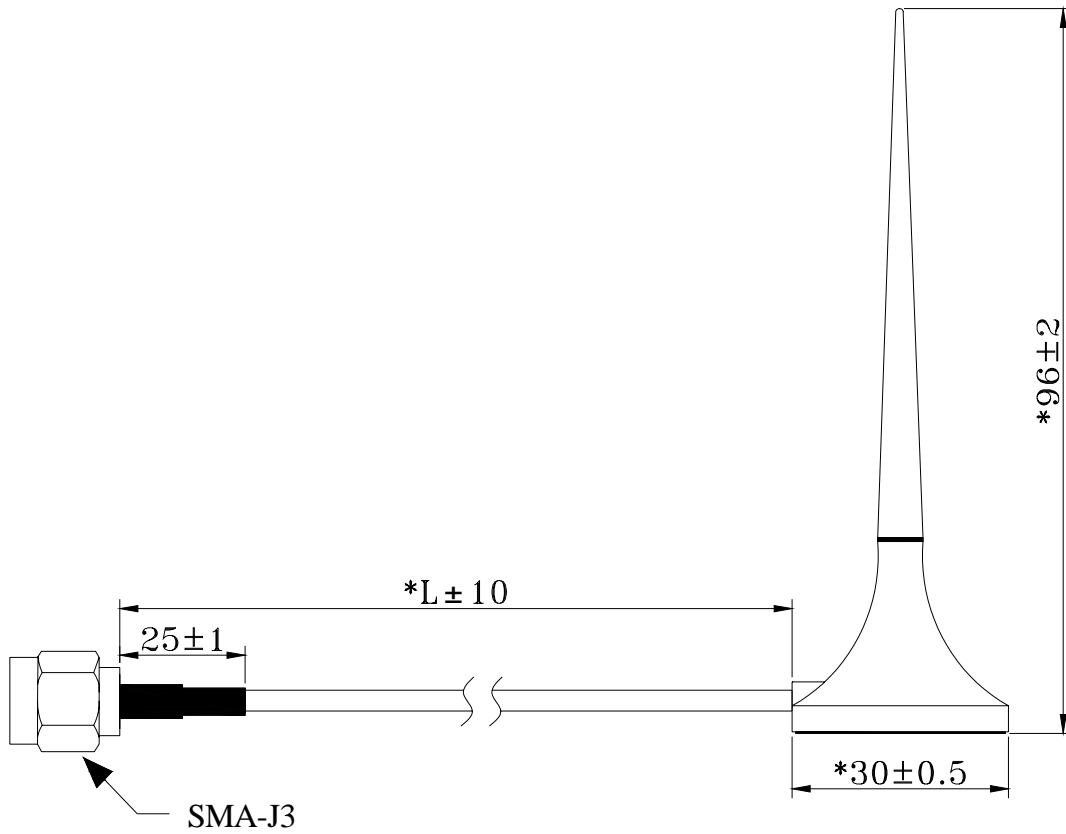
Test condition : Around without electronic products

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5、 Testing Conditions

1	Working Temp	-40 ~ 85
2	Storage Temp	-40 ~ 125

6、 Structure (Tolerance : $\pm 0.2\text{mm}$)



$L = 300 \pm 10\text{CM}$