

SPECIFICATION FOR APPROVAL

CUSTOMER :

CUSTOMER PART NO:

SUPPLIER: JIAXING GLEAD ELECTRONICS CO.,LTD.



SUPPLIER PART NO: DAM1595A4H10LC01_XW03_K3M

DESCRIPTION: 3.0-5.0V/8.5mA(3V)/28dB/3M(L)/FAKRA-C

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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1、Electrical Characteristics

1.1 Antenna

1	Antenna model	DAS1575 (25*25*4)
2	Frequency Range	GPS:1575.42MHz±1.023 MHz ; GLNASS: 1602MHz±6 MHz
3	V. S. W. R	1.5:1
4	Band Width	> 8 MHz for GPS ; > 8MHz for GLONASS
5	Impedance	50 ohm
6	Gain	4.5dBic Based on7×7cm ground plane
7	Polarization	RHCP

1.2 LNA

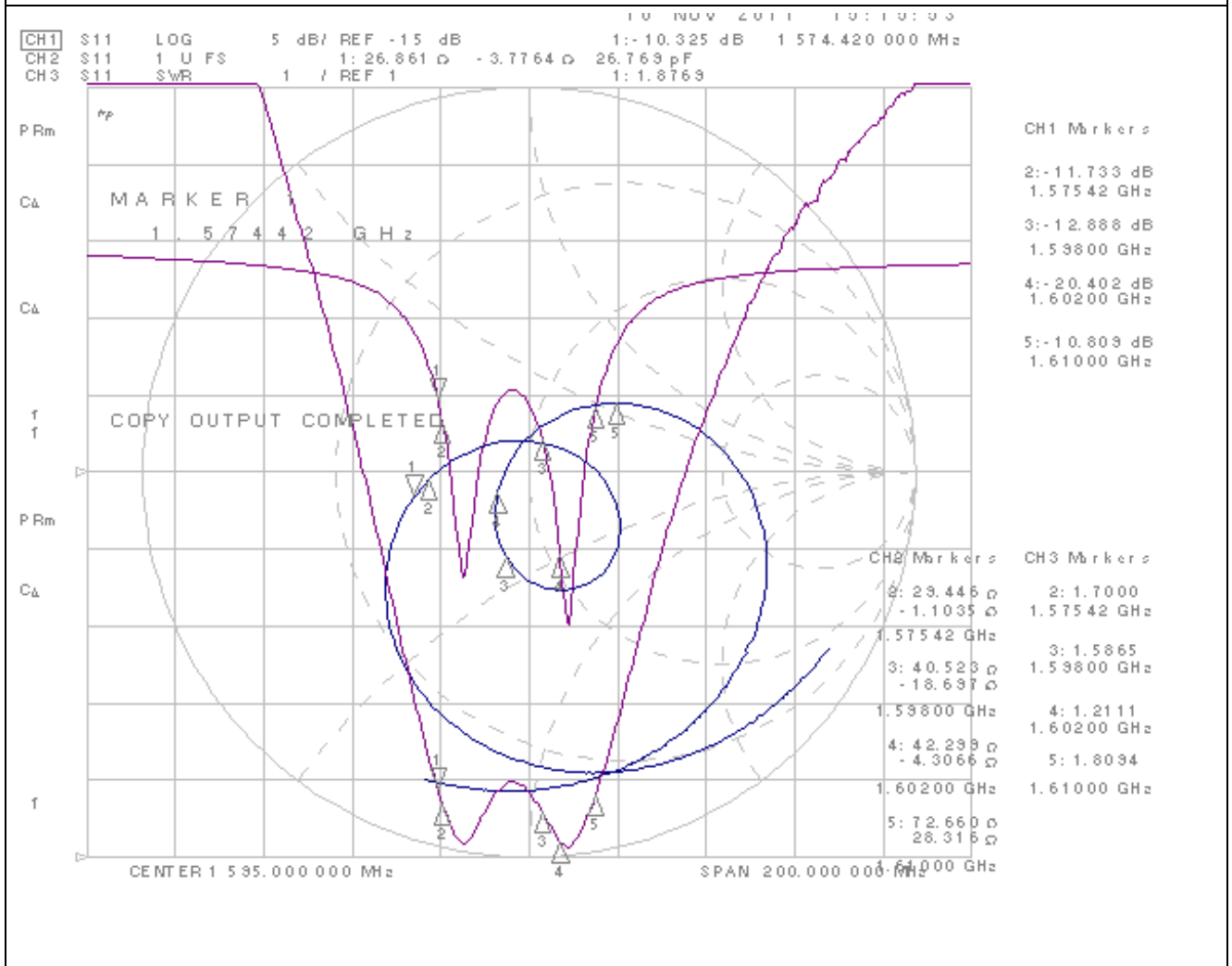
1	Frequency Range	GPS:1575.42MHz±1.023 MHz ; GLNASS: 1602MHz±6 MHz
2	DC Voltage	3.0-5.0V
3	Gain	28±3dB
4	Outband Rejection (Absolute value)	≥30dB(fo+100MHz)
		≥30dB(fo-100MHz)
5	Output VSWR	2.0
6	Noise Figure	1.5
7	DC current	8.5±3mA (at3.0V)

1.3 Overall (Complete module including RF connector)

1	Frequency Range	GPS:1575.42MHz±1.023 MHz ; GLNASS: 1602MHz±6 MHz
2	Output VSWR	2.0
3	Impedance	50Ω

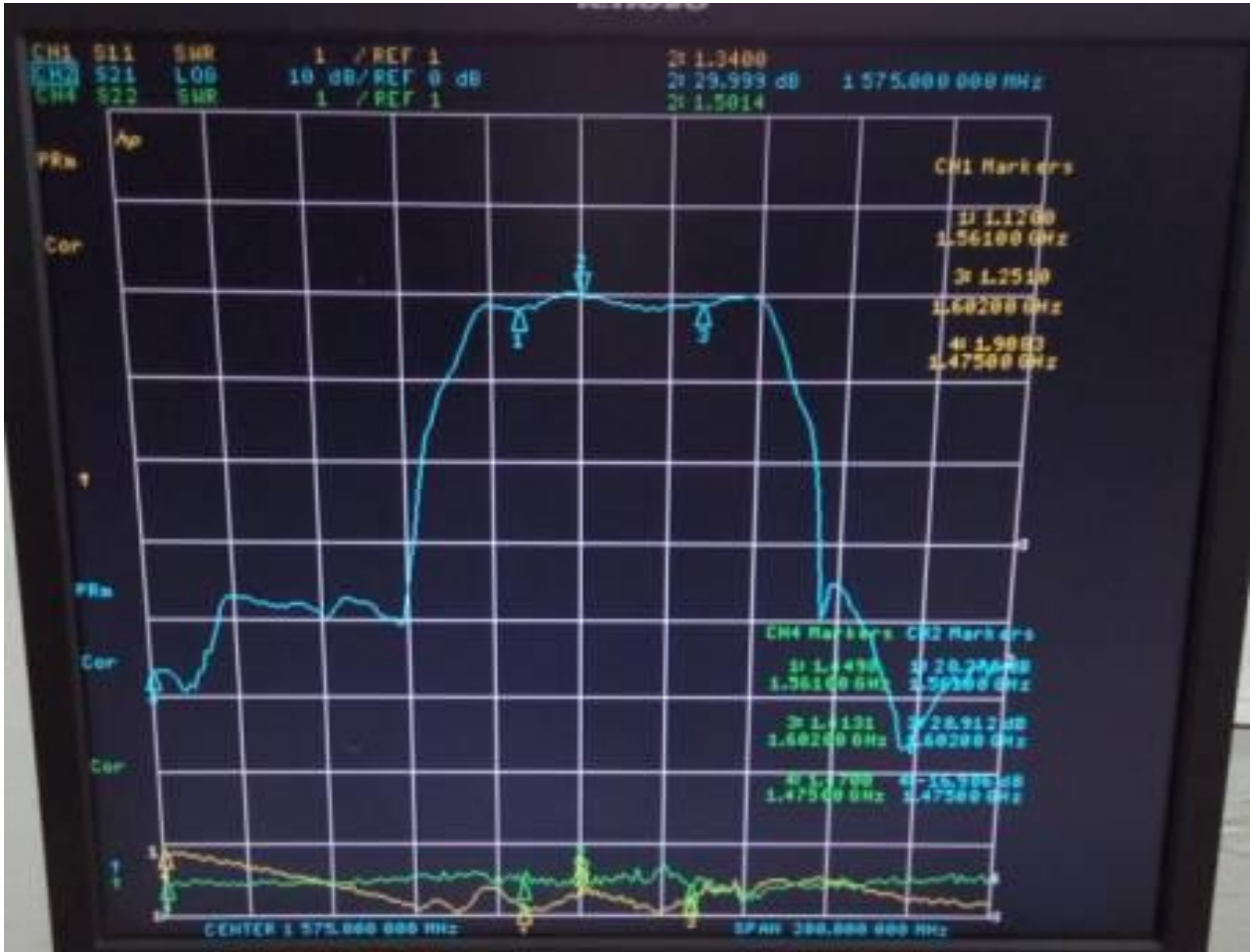
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2、Patch Test curve



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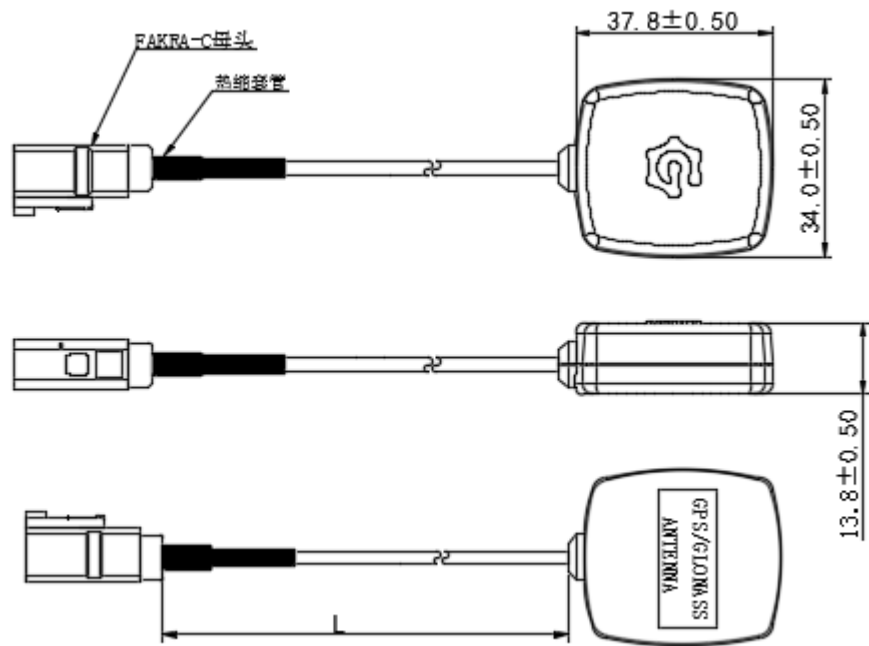
3、LNA Test curve (Test condition: DC 3.0V)



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4、Structure (unit: mm)

未注公差: $\pm 0.3\text{mm}$



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

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5、Material

No	Part Name	SPEC
1	Antenna	Dielectric Ceramics
2	PCB	FR4
3	Shielding	Tinplate
4	RF Cable	RG174
5	RF Connector	FAKRA-C
6	Circular magnets	NdFeB

6、Environment Condition

1	Working Temp	-40℃~+85℃
2	Storage Temp	-40℃~+85℃
3	Vibration	Sine sweep 1g(0-p)
		10~55~10Hz each axis
4	International Protection	IP66

7、Packing (If there are other customers packaging requirements specified in the order)

Each carton includes 100 PCS antenna, Each lattice put 2PCS antenna, the size of carton is 630 * 460 * 105 mm.



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8、 Note

- 1、 This product specification guarantees the quality of our product as a single unit. Please make sure that your product is evaluated and confirmed against your specifications when our product is mounted to your product.
- 2、 The product will get free warranty for three months since the date of purchase users operate in the correct way; users will have to pay cost of the materials and maintaining fee out of the condition.
- 3、 Electrostatic sensitive device. Observe precautions for handling.