

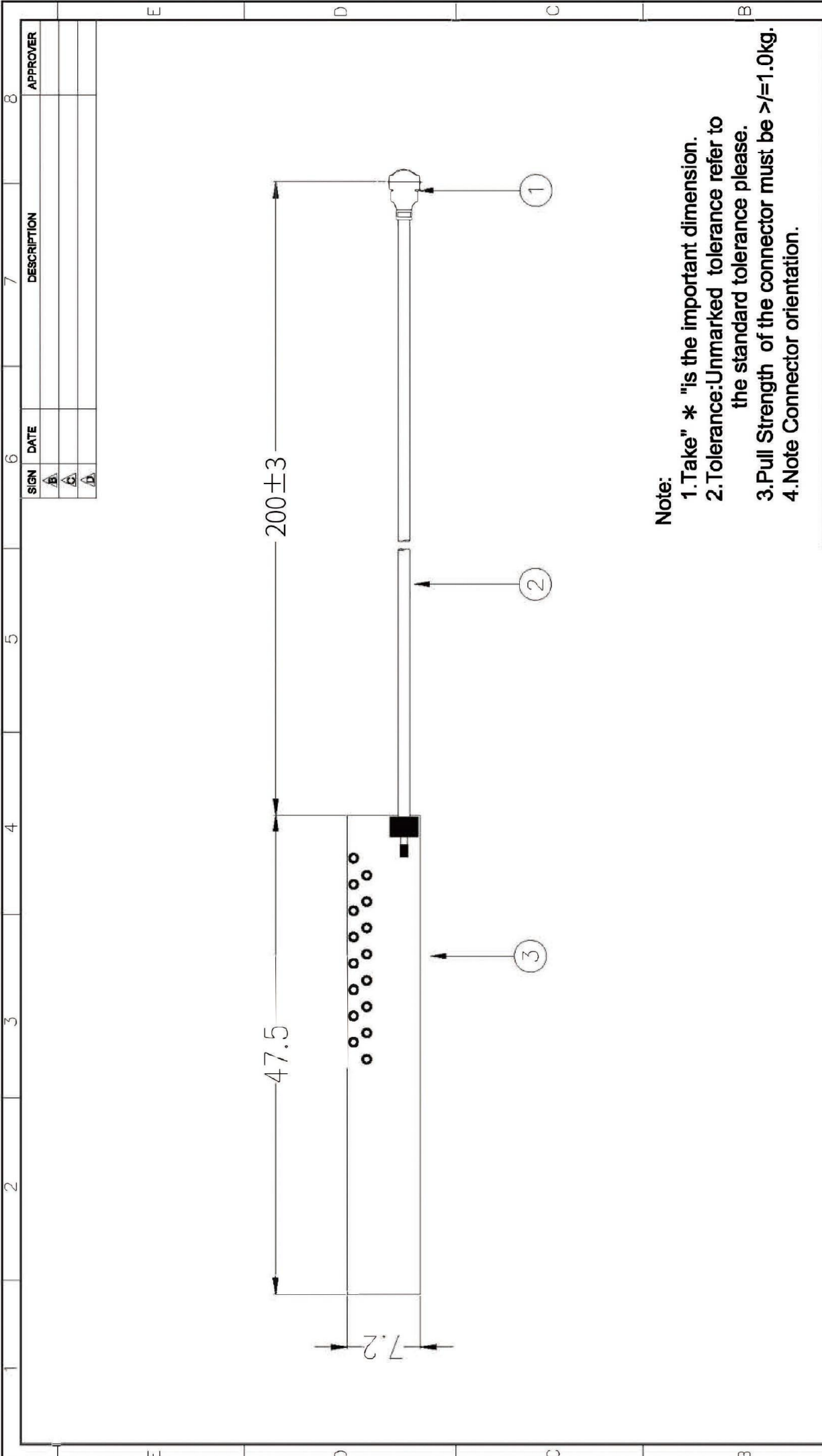
规格书项目表

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电 性 测 试 报 告

Test Reports

Electrical Properties	
Frequency	2.4GHz
Impedance	50 Ohm Nominal
V.S.W.R	1.92 : 1 Max
Return Loss	-10 dB Max
Radiation	Omni-directional
Gain (Peak)	3dBi
Cable Loss	3.2 dB / m Max @ 2450 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	PCB
Cable Type	O.D. 1.13mm // 200 mm
Operating Temp.	-30 ~ +80 °C
Storage Temp.	-40 ~ +85 °C
Cable Color	Black



Note:

- 1.Take" * "is the important dimenson.
- 2.Tolerance:Unmarked tolerance refer to the standard tolerance please.
- 3.Pull Strength of the connector must be >=1.0kg.
- 4.Note Connector orientation.



深圳市科信无线技术有限公司

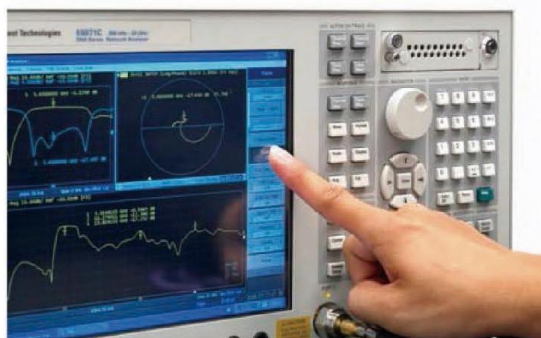
3	NB004-A01	PCB	PCB 47.5*7.2*T0.6mm	1
2	R-CB-113B	Coaxial Cable	SHOWA-O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

TITLE: 2.4GHz Antenna			
PART NO.: NB004-113B-125IX		DWG NAME: NB004-113B-125IX.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY	Tolerance
jeff	leon	YD	UNITS: mm
2014-10-08	2014-10-08	2014-10-08	SCALE: 1/1
			REVISION: A

S 参数测试

S Parameter Test

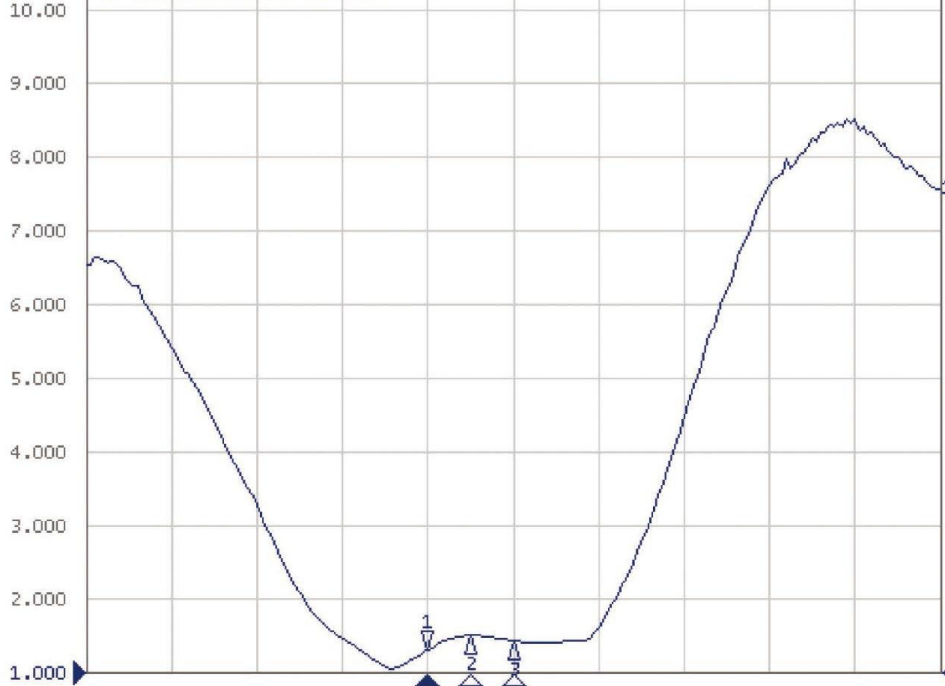
Agilent E5071C



1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S22 SWR 1.000/ Ref 1.000

>1	2.4000000	GHz	1.2956
2	2.4500000	GHz	1.4964
3	2.5000000	GHz	1.4198



1 Start 2 GHz

IFBW 70 kHz

Stop 3 GHz

Save/Recall

Save State

Recall State

Recall by
File Name

Save Channel

Recall Channel

Save Type
All

Channel/Trace
Disp Only

Save
Trace Data...

Save SnP

增益测试 Gain Test

*Antenna
Radiation
Pattern
VS
Gain*

