

东莞市速波电子有限公司

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PRODUCT SPECIFICATION

规格书

Customer Name 客户名称	
Customer Project Name 客户项目	JR-08
Part NO 产品型号	B 款 (42*12) 1 代*6CM
Remarks 备注栏	

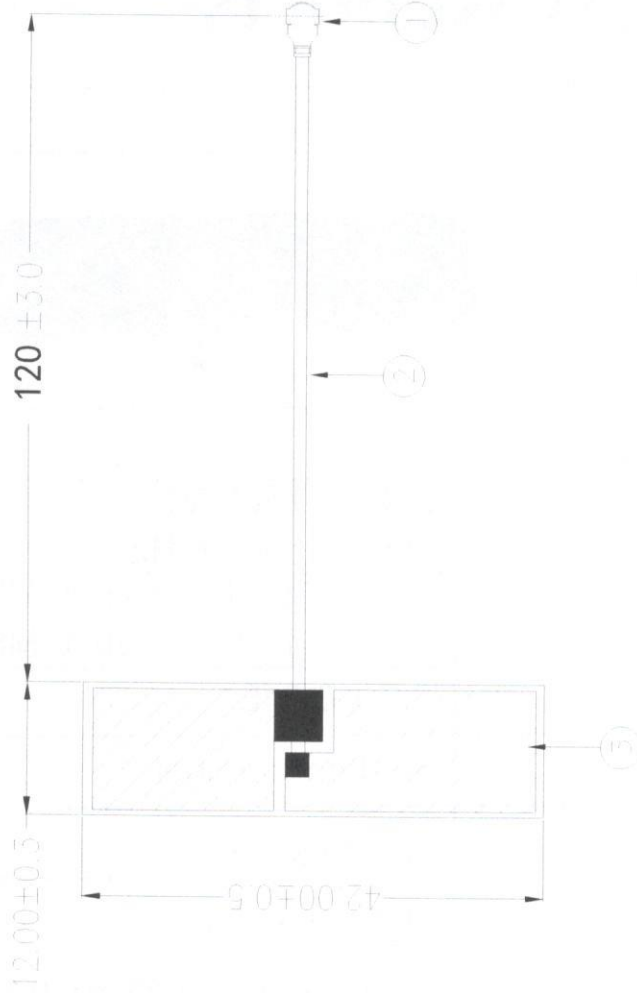
CUSTOMER			SUOBO		
APPROVED	CHECKED	CHECKED	APPROVED	CHECKED	PREPARED
					<i>Peter</i>

承认书项目表

NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
1	承认书封面 (Spec Cover)	1	1
2	承认书项目表 (Spec Item)	1	2
3	工程成品图 (Drawing)	1	3
4	电性测试报告 (Test Reports)	1	4
5	S 参数测试 (S Parameter)	1	5
6	增益测试 (Gain Test)	1	6
7			
8			
9			
10	-	-	-
11	-	-	-
12	-	-	-

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SIGN	DATE	DESCRIPTION	APPROVER
B.			
C.			
D.			



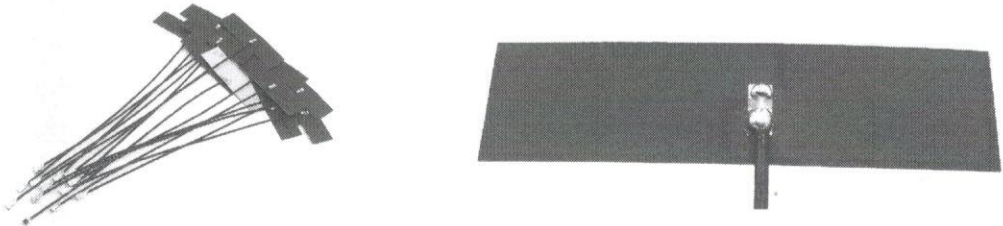
东莞市速波电子有限公司

TITLE: 2.4/5.8GHz Antenna			
PART NO.: NB030-13B-IX130		DWG NAME: NB030-13B-IX130.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY	Tolerance
jeff	leon	YD	XX ±0.20
2014-02-26	2014-02-26	2014-02-26	XX ±0.10
			X° ±3°
			REVISION: A

No.	Part Number	Name	Material	Q'ty
3	NB030B	FPC	42*12mm	1
2	R-CB-113B	Coaxial Cable	SHOWA-O.D. 1.13mm Black	1
1	CI-113	Connector	Mini Connector	1

电性测试报告

Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz 4900 ~ 5900 MHz
S.W.R.	≤ 2.0 @ 2400 ~ 2500 MHz ≤ 2.0 @ 4900 ~ 5900 MHz
Antenna Gain	$3.7 \pm 0.5\text{dBi}$
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2 dB / m Max @ 5000 MHz
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	IPEX
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 50 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

S 参数测试

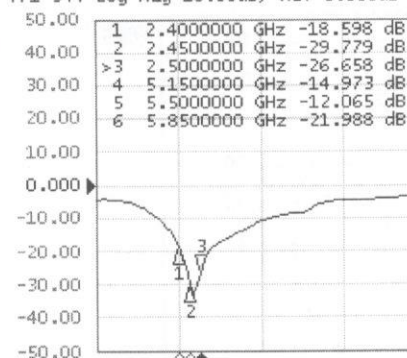
S Parameter Test

Agilent E5071C

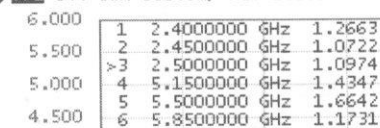


1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 544 Log Mag 10.00dB/ Ref 0.000dB



Tr2 544 SWR 500.0m/ Ref 1.000



1 Start 2 GHz

IFBW 70 kHz

Stop 6 GHz

Hold Stop ExtRef Ready Svc 2013-08-06 10:07

Trigger

Hold

Single

Continuous

Hold
All Channels

Continuous
Disp Channels

Trigger Source
Internal

Trigger Event
On Sweep

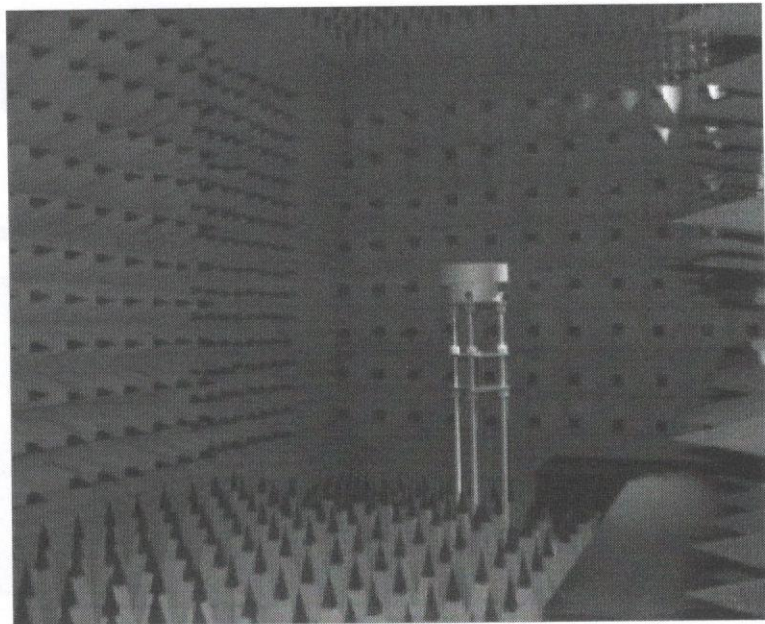
Trigger Scope
All Channel

Restart

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增益测试

Gain Test



*Antenna
Radiation
Pattern
VS
Gain*

