

天线规格书

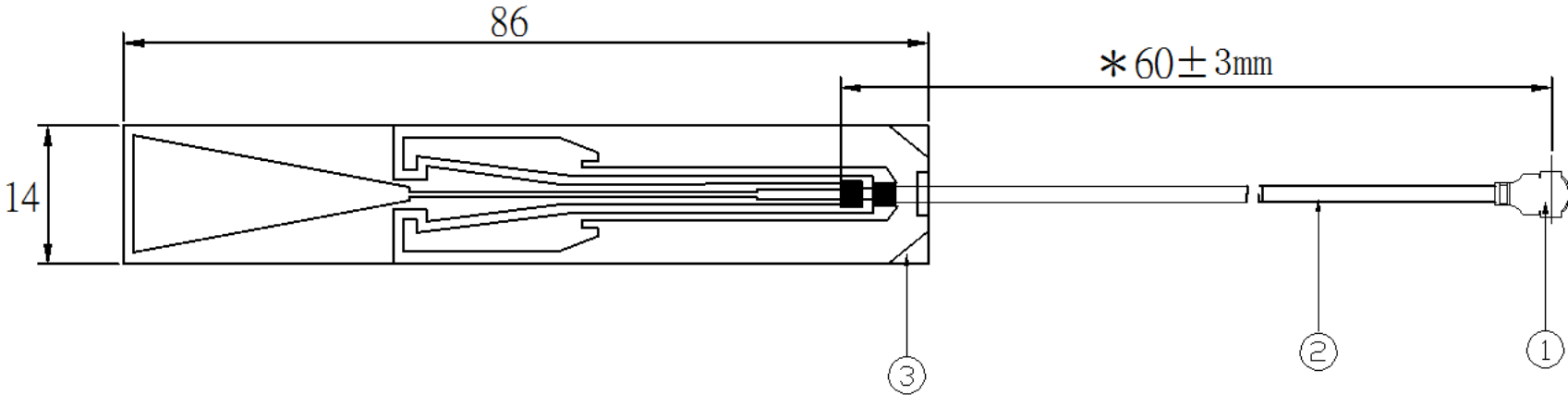
NO.	内容 (Contents)	页数 (Number of Page)	页码 (Page Code)
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2	承认书项目表 (Spec Item)	1	2
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5	S 参数测试 (S Parameter)	1	5
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Antenna Specification Sheet

NO.	Content (Contents)	Pages (Number of Page)	Page number (Page Code)
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11	-	-	-
12	-	-	-

GF-8614-60-IPEX 1

SIGN	DATE	DESCRIPTION	APPROVER
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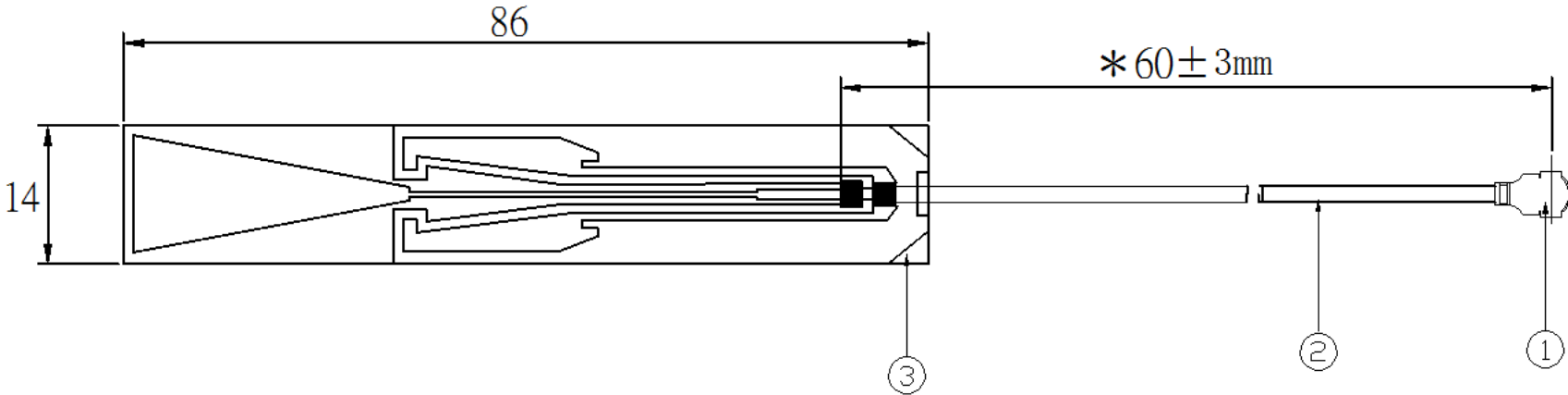
- 注意：
- 1. 带" * "为重要尺寸
 - 2. 无标注公差请参考公差详情
 - 3. 接头强度>=1.0kg
 - 4. 注意接头方向

3	NB004-A01	FPC	FPC 86*14mm	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

东莞市创捷电子有限公司				
2.4G 5G 5.8G Antenna				
PART NO.: GF-8614-60-IPEX 1			DWG NAME: NB058-113B-90IX.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
jeff 2015-03-05	leon 2015-03-05	YD 2015-03-05	UNITS: mm	X.X 0.20
			SCALE: 1/1	X.XX 0.10
			REVISION: A	XA 0.05

GF-8614-60-IPEX 1

SIGN	DATE	DESCRIPTION	APPROVER
			
			
			



- Pay attention to :
1. Use "*" for important dimensions
 2. Refer to the tolerance details for unmarked tolerances
 3. Joint strength ≥ 1.0 kg
 4. Note the direction of the joint

3	NB004-A01	FPC	FPC 86*14mm	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

Dongguan Chuangjie Electronics Co., Ltd.				
2.4G 5G 5.8G Antenna				
PART NO.: GF-8614-60-IPEX 1			DWG NAME: NB058-113B-90IX.DWG	
APPROVED BY	CHECKED BY	DESIGNED BY		Tolerance
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			SCALE: 1/1	X.XX 0.10
			REVISION: A	XA 0.05

电性规格书

Electrical Specification

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400~2500MHz 4900~5900MHz
S.W.R.	≤ 2.0
Gain (Peak)	8dBi
Impedance	50 Ohm Nominal
Return Loss	-15 dB Max
Radiation	Omni-directional
Cable Loss	4.9 dB / m Max
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	ipex
Physical Properties	
Antenna Material	FPC
Cable Type	O.D. 1.13mm // 125 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

Electrical Specification

Sample Photo



A. Electrical Characteristics

Frequency	2400~2500MHz 4900~5900MHz
S.W.R.	<= 2.0
Gain (Peak)	8dBi
Impedance	50 Ohm Nominal
Return Loss	-15 dB Max
Radiation	Omni-directional
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Connector	ipex

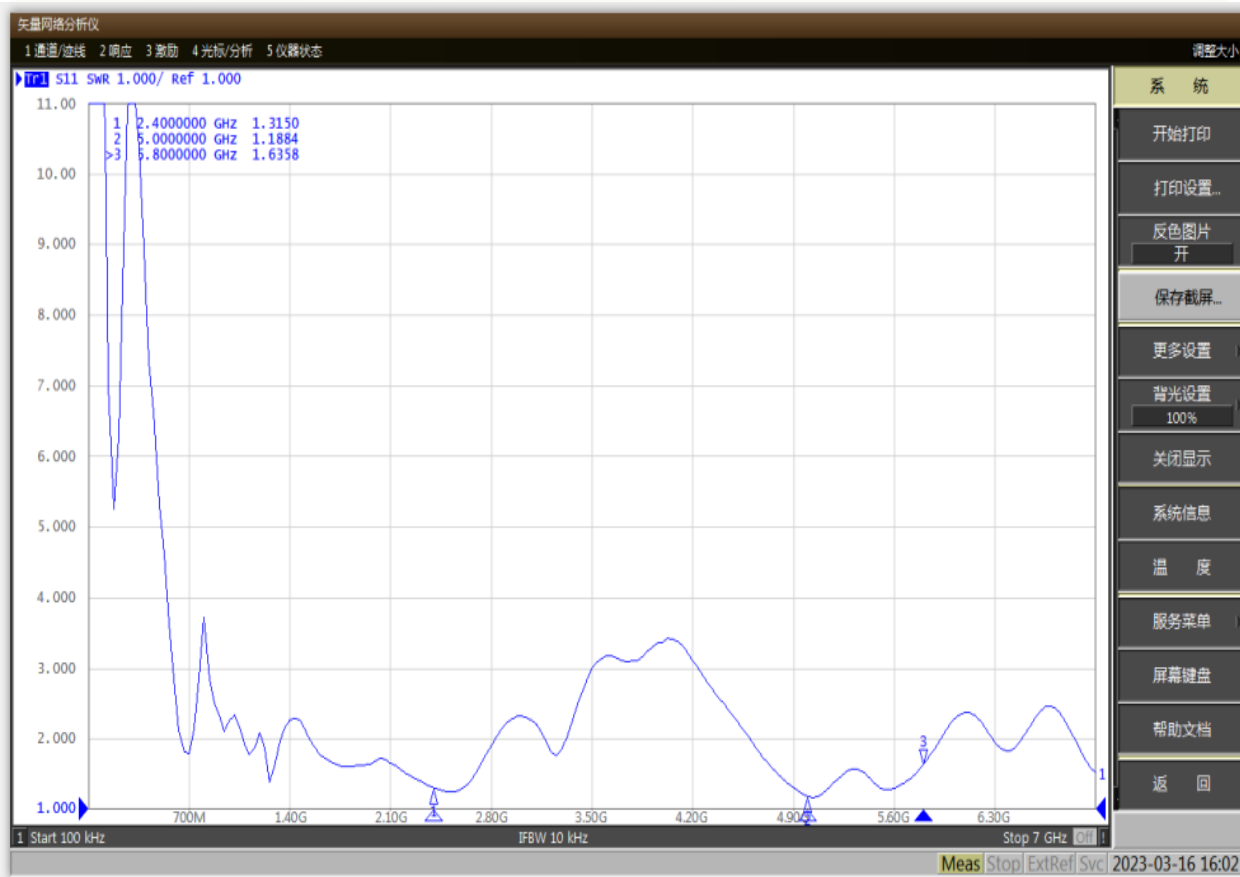
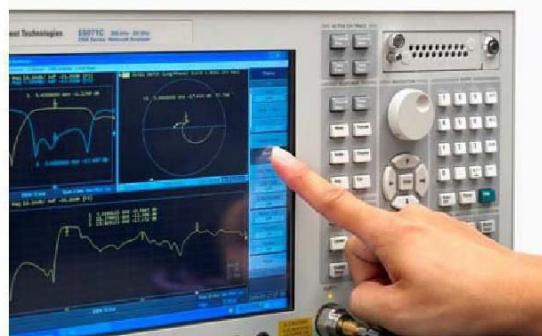
Physical Properties

Antenna Material	FPC
Cable Type	O.D. 1.13mm // 125 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

S 参数测试

S Parameter Test

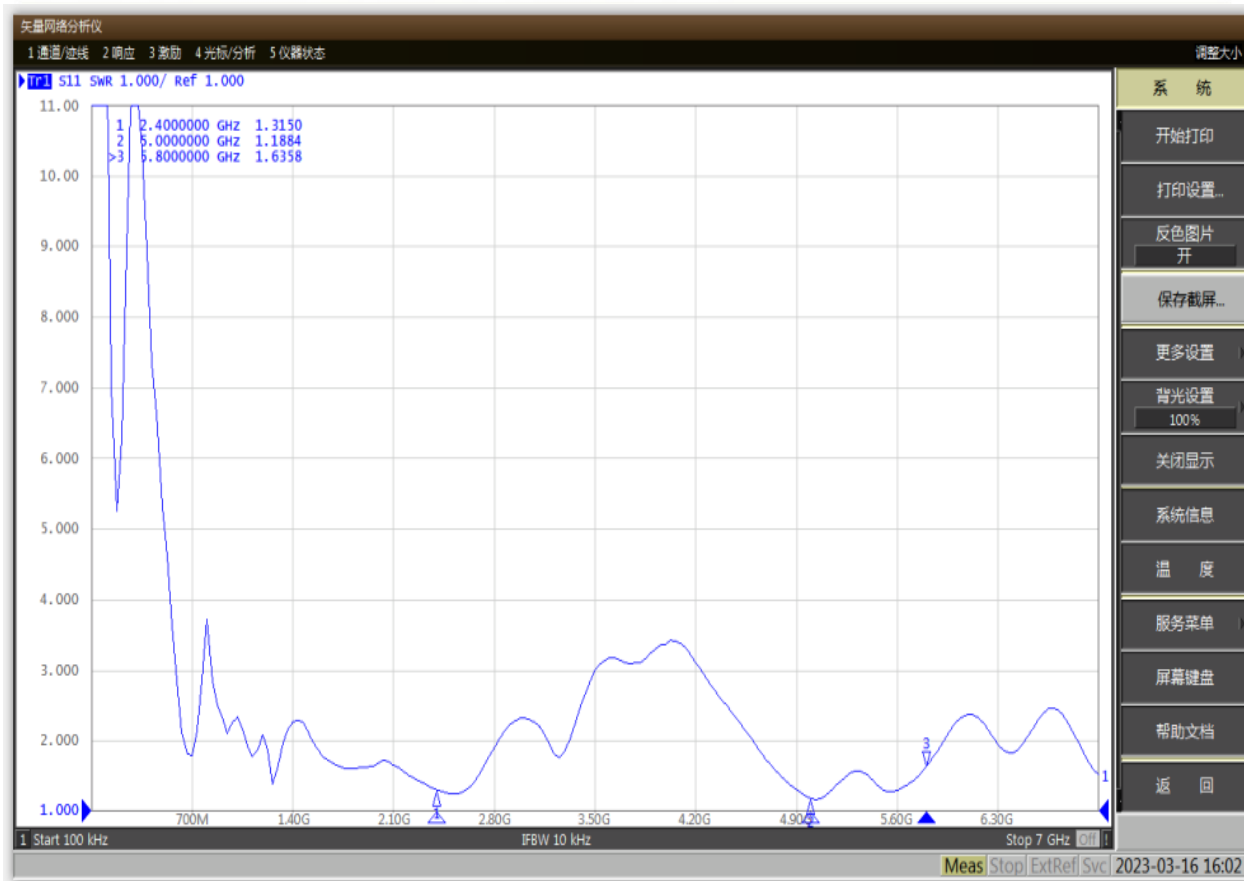
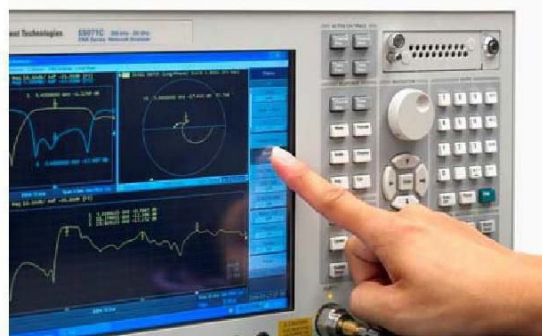
Agilent E5071C



S parameter test

S Parameter Test

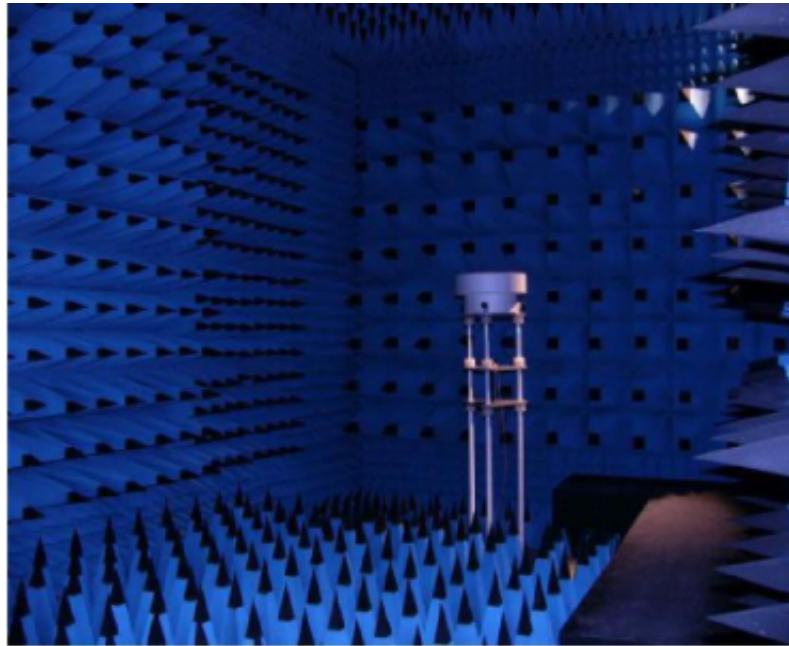
Agilent E5071C



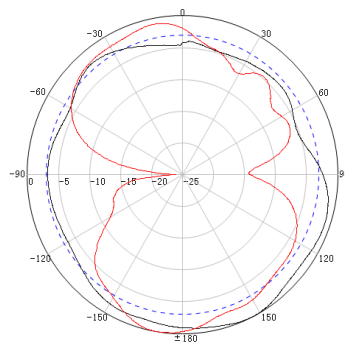
增益测试

Gain Test

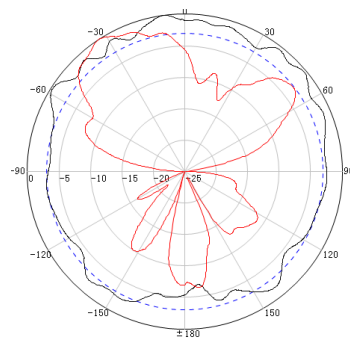
Antenna Radiation Pattern VS Gain



2400MHz

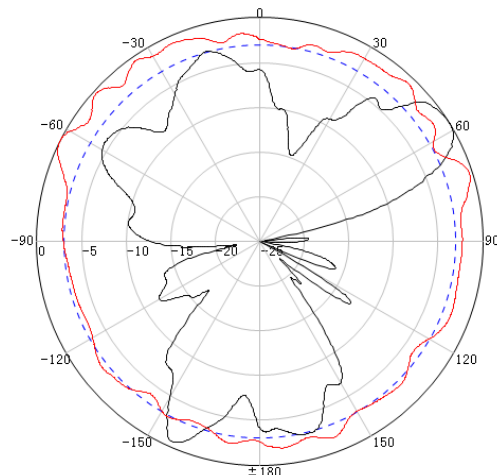


5200MHz



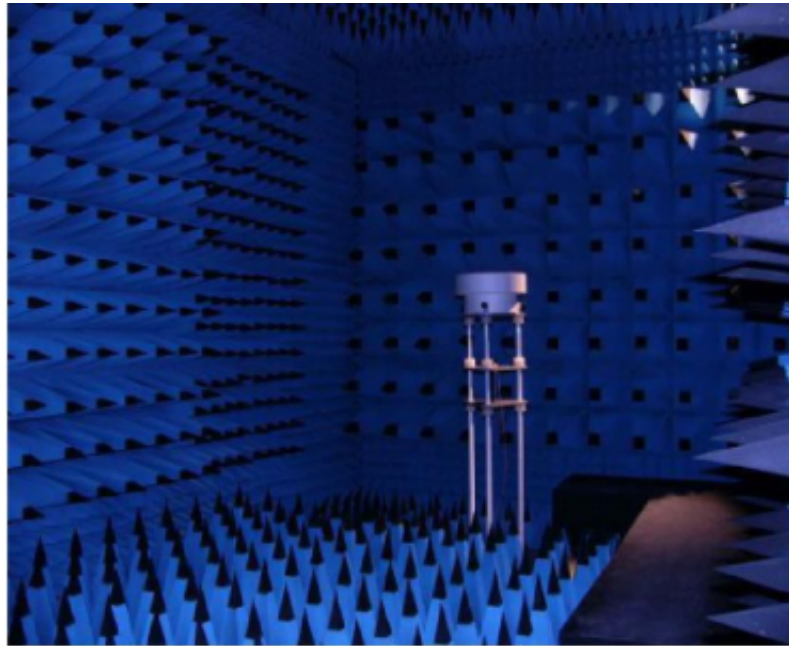
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5850MHz



benefit TEST

Gain Test



*Antenna
Radiation
Pattern
VS Gain*

