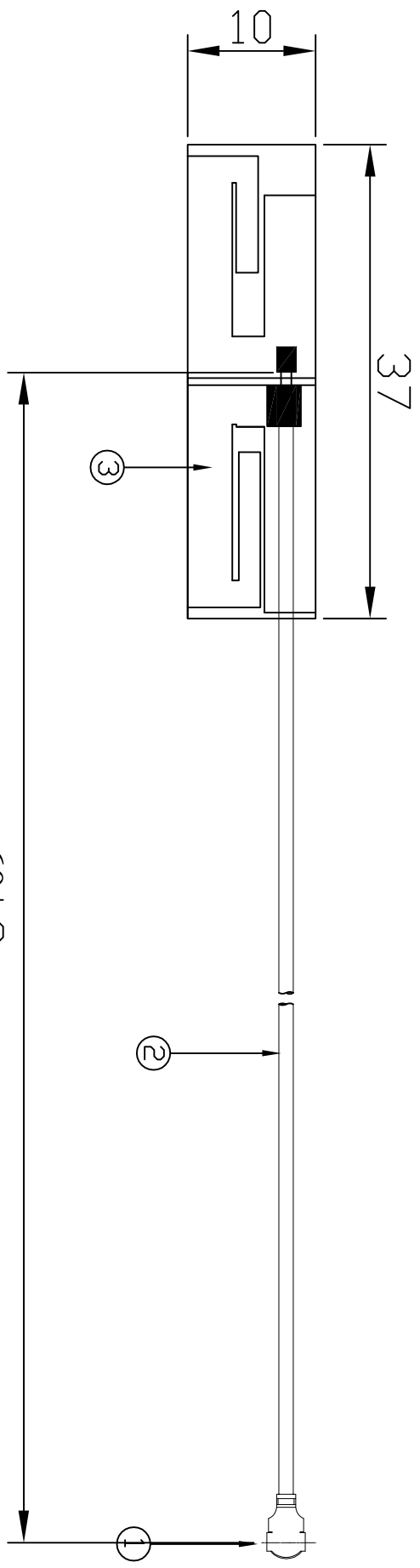


# 承认书项目表

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	-	-	-

SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			



60±3mm


3	MX2458N-A01	FPC	FPC 37*10*0.1mm	1
2	R-CB-113B	Coaxial Cable	O.D. 1.13mm Black	1
1	Cl-113	Connector	Mini Connector	1
No.	Part Number	Name	Material	Q'ty

# 东莞市速波电子有限公司

TITLE: WIFI ANTENNA			
PART NO.: NB3710IPY4-081-LX60		DWG NAME:	
APPROVED BY	CHECKED BY	DESIGNED BY	UNITS: mm
Jeff 2014-03-18	leon 2014-03-18	YD 2014-03-18	SCALE: 1/1
			REVISION: A
			Tolerance XX ±0.20 X.XX ±0.10 X° ±3°

# 电性测试报告

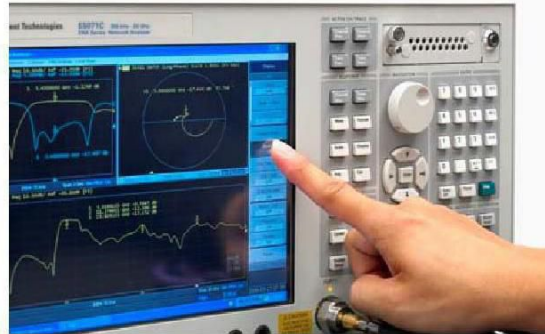
## Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R.	$\leq 2.0$ @ 2400 ~ 2500 MHz
Antenna Gain	3.43dBi
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	4代 IPEX
<b>Physical Properties</b>	
Antenna Material	FPC
Cable Type	O.D. 0.81mm // 60 mm
Operating Temp.	-10 ~ +60 °C
Storage Temp.	-10 ~ +70 °C

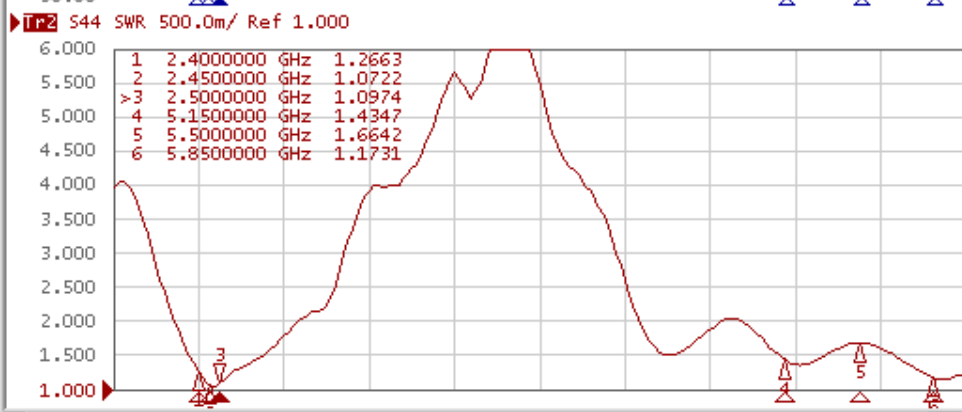
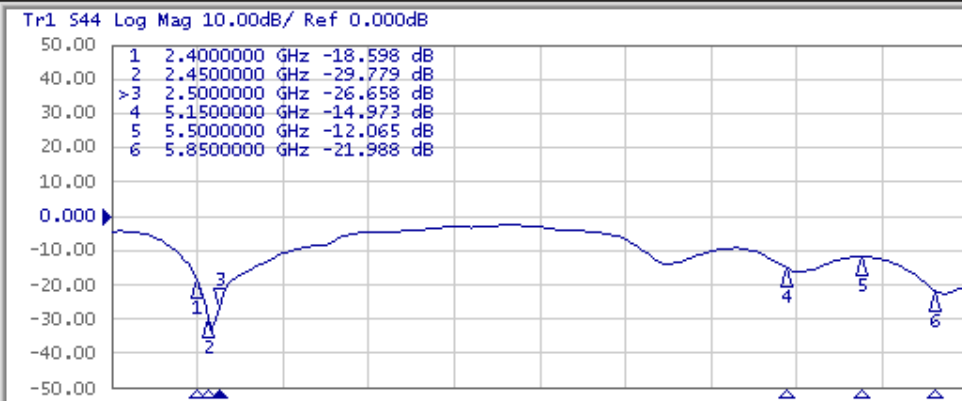
# S 参数测试

## S Parameter Test

*Agilent E5071C*



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



1 Start 2 GHz IFBW 70 kHz Stop 6 GHz Off

Trigger

Hold

Single

Continuous

Hold All Channels

Continuous Disp Channels

Trigger Source Internal

Trigger Event On Sweep

Trigger Scope All Channel

Restart

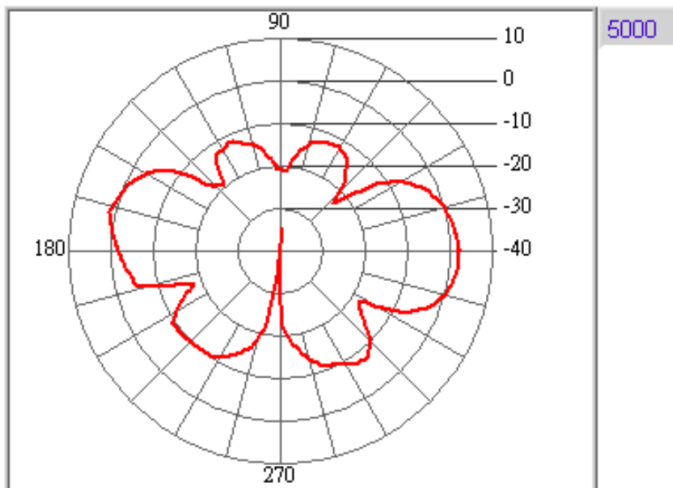
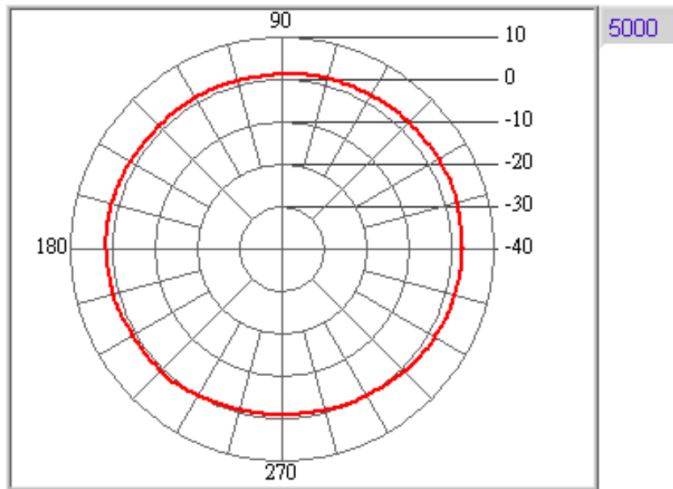
Hold Stop ExtRef Ready Svc 2013-08-06 10:07

# 增益测试

## Gain Test



*Antenna  
Radiation  
Pattern  
VS  
Gain*



# OTA TEST RESULT

<b>Client</b>	Zhongshan Dashan Photographic Equipment Co.,Ltd.	<b>Test Date</b>	2022/11/1
<b>Product Name</b>	NB3710IPX4-081-LX60	<b>Model</b>	/
<b>Temperature</b>	19°C-21°C	<b>Humidity</b>	70%
<b>Frequency (MHz)</b>	<b>Efficiency (%)</b>	<b>Gain (dBi)</b>	
2400	62.33%	3.19	
2410	61.50%	3.21	
2420	60.28%	3.23	
2430	63.42%	3.16	
2440	64.53%	3.28	
2450	65.50%	3.31	
2460	64.38%	3.43	
2470	64.56%	3.24	
2480	63.56%	3.32	
2490	60.56%	3.14	
2500	62.12%	3.21	