

承认书项目表

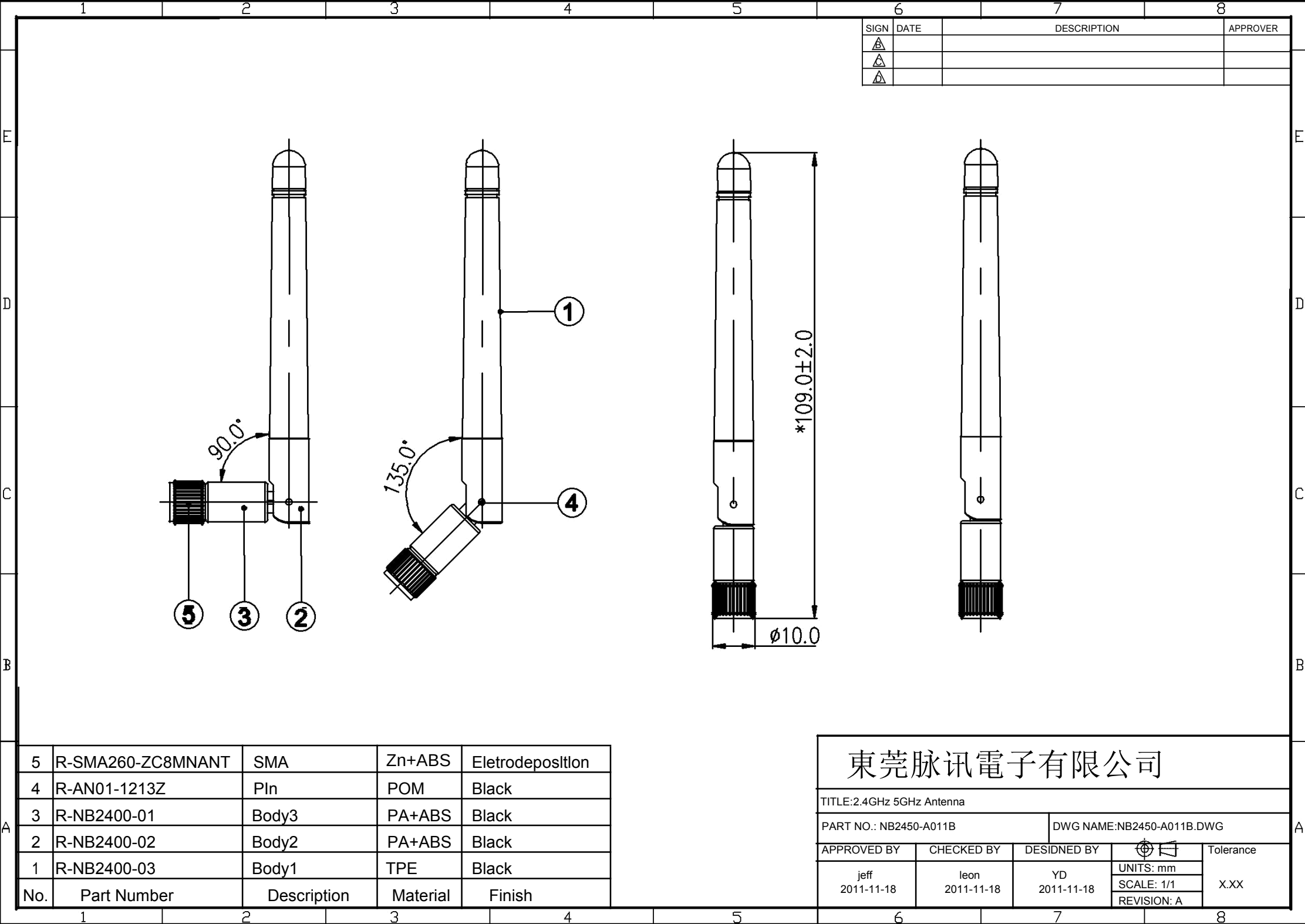
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东莞市脉讯电子有限公司

Tel:0769-33691210 Fax:0769-82381572

Manufacturer:Dongguan Maixun Electronics Co., Ltd.

Address:Room 405, 4th Floor, No. 6 Qilin East Road, Daning Community, Humen Town,
Dongguan City, Guangdong Province, China



SIGN	DATE	DESCRIPTION	APPROVER
△			
△			
△			

5	R-SMA260-ZC8MNANT	SMA	Zn+ABS	Eletrodepositlon
4	R-AN01-1213Z	Pln	POM	Black
3	R-NB2400-01	Body3	PA+ABS	Black
2	R-NB2400-02	Body2	PA+ABS	Black
1	R-NB2400-03	Body1	TPE	Black
No.	Part Number	Description	Material	Finish

東莞脉讯电子有限公司				
TITLE:2.4GHz 5GHz Antenna				
PART NO.: NB2450-A011B			DWG NAME:NB2450-A011B.DWG	
APPROVED BY	CHECKED BY	DESIDNED BY		Tolerance
jeff 2011-11-18	leon 2011-11-18	YD 2011-11-18	UNITS: mm	X.XX
			SCALE: 1/1	
			REVISION: A	

电性测试报告

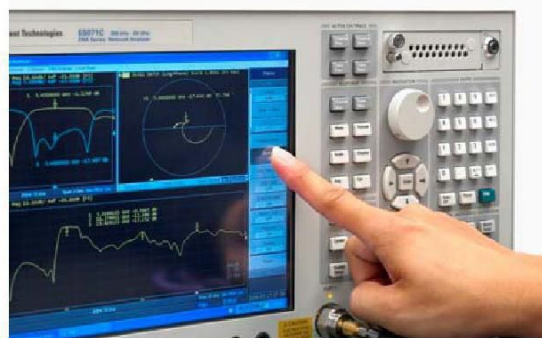
Test Reports

Sample Photo	
	
A. Electrical Characteristics	
Frequency	2400 ~ 2500 MHz 4900 ~ 5900 MHz
S.W.R.	≤ 2.5 @ 2400 ~ 2500 MHz ≤ 2.5 @ 4900 ~ 5900 MHz
Antenna Gain	2.34dBi @ 2450MHz 2.17dBi @ 5500MHz
Polarization	Linear
Impedance	50 Ohm
B. Material & Mechanical Characteristics	
Material of Radiator	CU
Material of Plastic	Body: TPE Hinge: PA+ABS Holder: PA + ABS
Cable Type	RG-178
Connector Type	SMA Male Reverse
Connector Pull Test	≥ 5 Kg
Connector Torque Test	200 ~ 500 g.cm
C. Environmental	
Operation Temperature	- 40 °C ~ + 65 °C
Storage Temperature	- 40 °C ~ + 80 °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 S44 Log Mag 10.00dB/ Ref 0.000dB



Tr2 S44 SWR 1.000/ Ref 1.000



1 Start 1.5 GHz IFBW 70 kHz Stop 6.5 GHz Off

Hold Stop ExtRef Ready Svc 2011-02-10 14:31

Trigger

Hold

Single

Continuous

Hold All Channels

Continuous Disp Channels

Trigger Source Internal

Trigger Event On Sweep

Restart

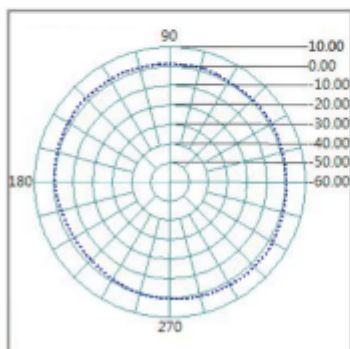
Trigger

Product Name: Antenna

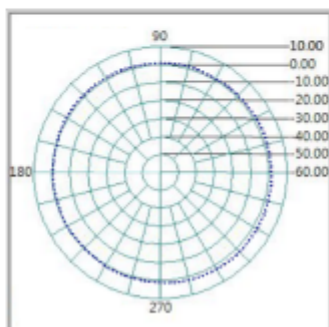
5. Antenna - Radiation Pattern Test Data

XZ-PLANE

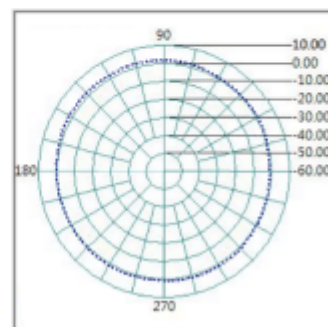
2400 MHz



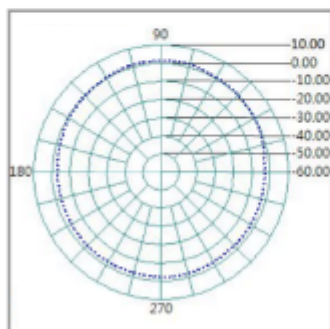
2450 MHz



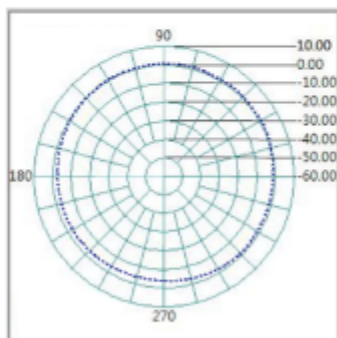
2500 MHz



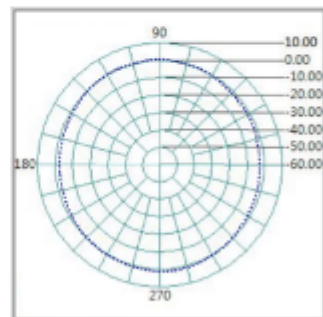
5000 MHz



5500 MHz



5800 MHz

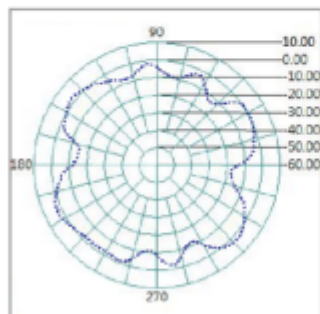


Product Name: Antenna

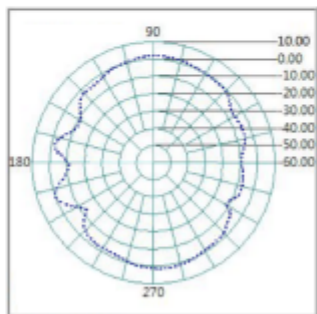
5. Antenna - Radiation Pattern Test Data

XY-PLANE

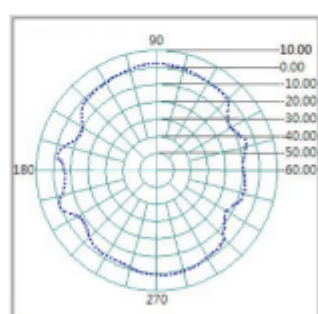
2400 MHz



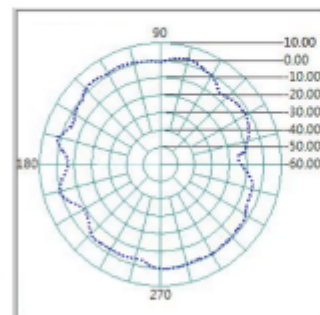
2450 MHz



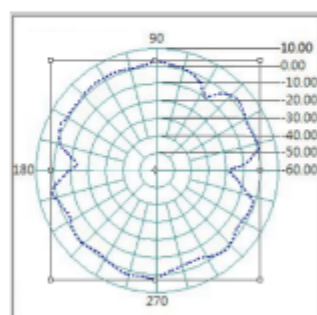
2500 MHz



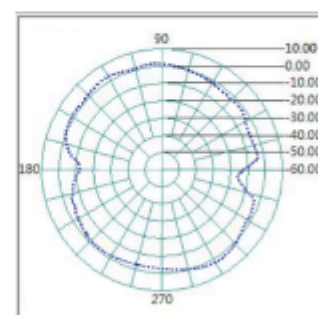
5000 MHz



5500 MHz



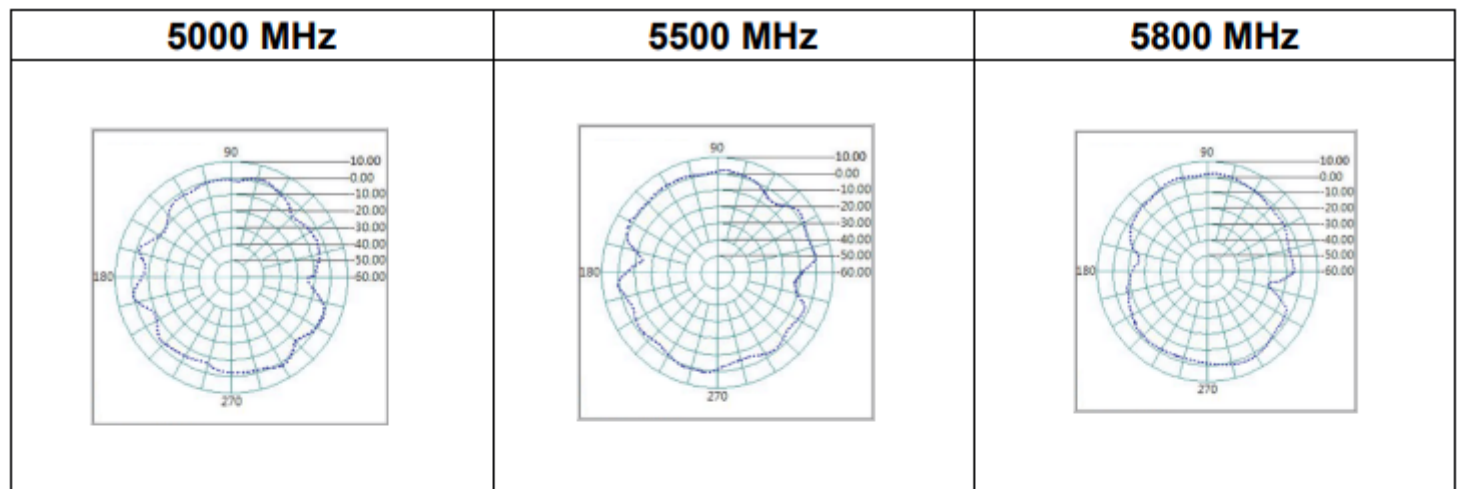
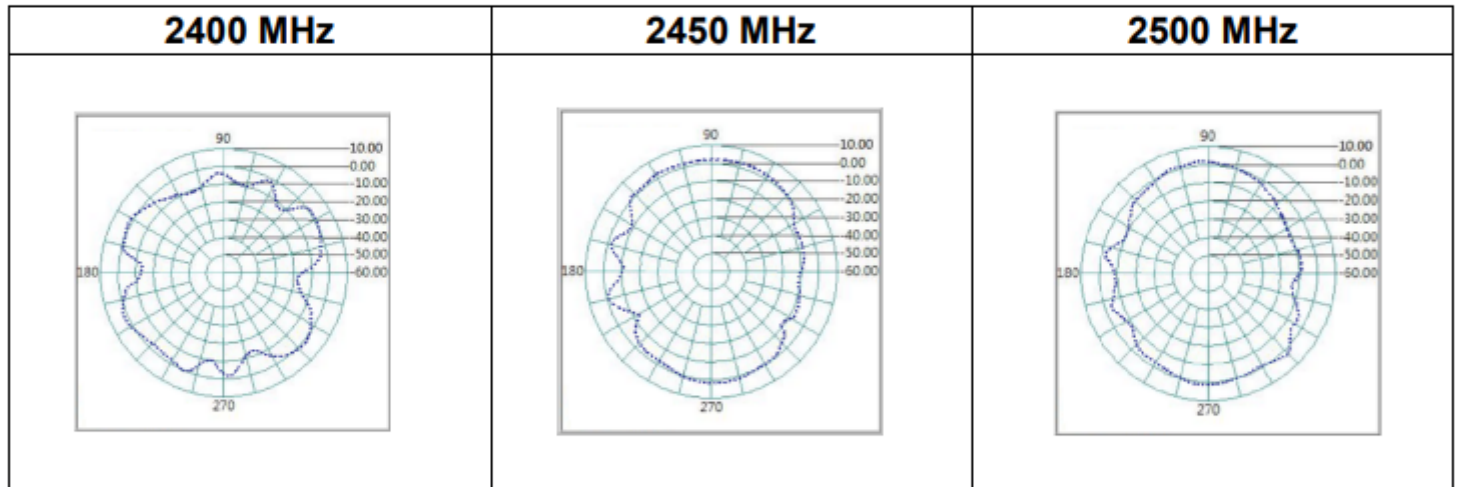
5800 MHz



Product Name: Antenna

5. Antenna - Radiation Pattern Test Data

YZ-PLANE



Frequency	2400	2450	2500	5000	5500	5800
Peak Gain(dbi)	2.12	1.98	2.34	1.64	1.98	2.17