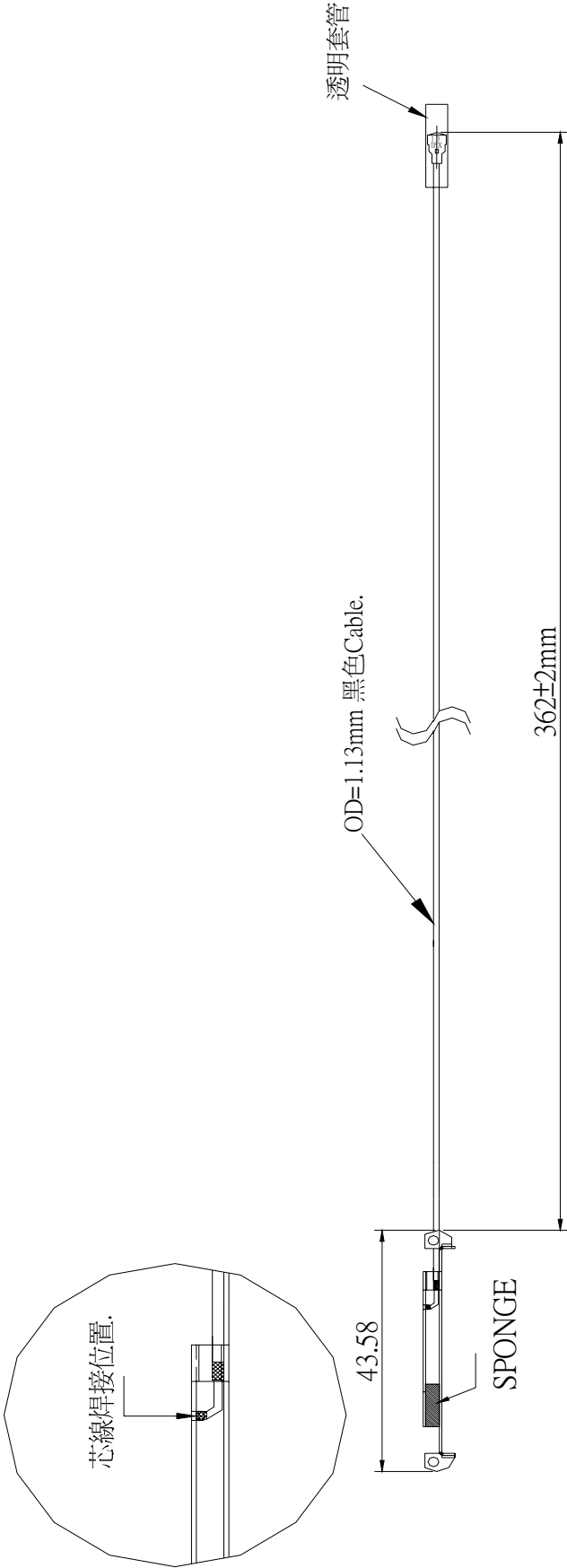
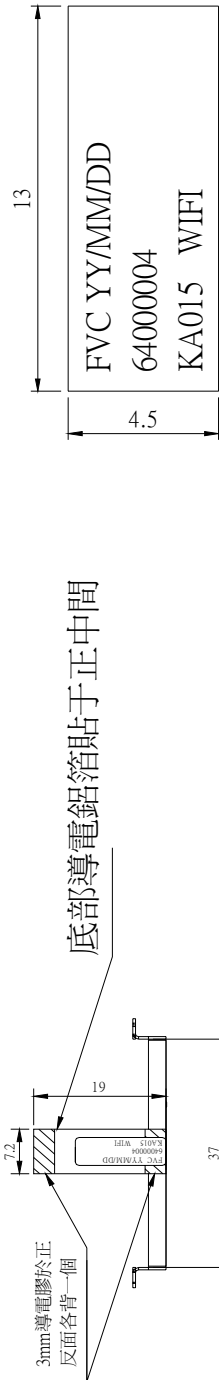


1. DRAWING ASSEMBLY



DETAIL LABEL




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
禁止使用1級環境管理物質，具體物質參見我司技術標準

5			
4			
3			
2			
1			
REV	DESCRIPTION	DATE	Approval
REVISIONS			

機

廠內專用


備註		※未標註公差處，請參照下列標準。			
發	行	RANGE	TOLERANCE		
		OVER 101	±3.0		
		51-100	±2.5		
		31-50	±2.0		
		30 BELOW	±1.5		
	Units	mm	Scale	1:1	
	Size	A4	Date	2006/12/28	
Sheet	1/3				

 惠寶電子股份有限公司 FAVORTRON CO.,LTD	Title:		無敵KA015-WIFI天線成品圖	
	Part No.	K05051000151		
	Draw No.	TD-E-61110-a1		
	CUS.Part No.	64000004		
	CUS.Rev.	a1		
	Approval	Check	Designed	
	Vincent	Vincent	Vincent	

BOM					
ITEM	COMPONENT	QTY	DESCRIPTION	FVC P/N	VENDER
1	PIFA ANTENNA	1	仁寶 AMA00-PIFA鐵件	M02007011001	品欣
2	同軸線	1	φ 1.13 黑色* 378mm單頭IPEX	M04007170001	FVC
3	SPONGE	1	8mm*3mm*t=2.5mm	M01009019002	東鋒
4	導電鋁箔	1	19mm*7.2mm t=0.05 (於不同面兩頭各背7.2*3mm導電膠)	M01005037002	隆揚
5	Lable	1	4.5x13mm 白色	G01013007001	亞識
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

SUB BOM (M04007170001)

ITEM	COMPONENT	QTY	DESCRIPTION	FVC P/N	VENDER
1	Connector	1	接頭 MHF PLUG(I-PEX)鍍金(20278-111R-13)	L07001001001	I-PEX
2	同軸線	1	同軸線OD1.13*整卷377mm(黑色)	M04005009001	日立信電



惠質電子股份有限公司
FAVORTRON CO.,LTD

Title:
無敵KA015-WIFI天線BOM表

Part No.	K05051000151	
Draw No.	TD-E-61110-a1	
CUS.Part No.	64000004	
CUS.Rev.	a1	
Approval	Check	Designed
Vincent	Vincent	Vincent

發	行	備	註
Date	2006/12/28	Sheet	2/3

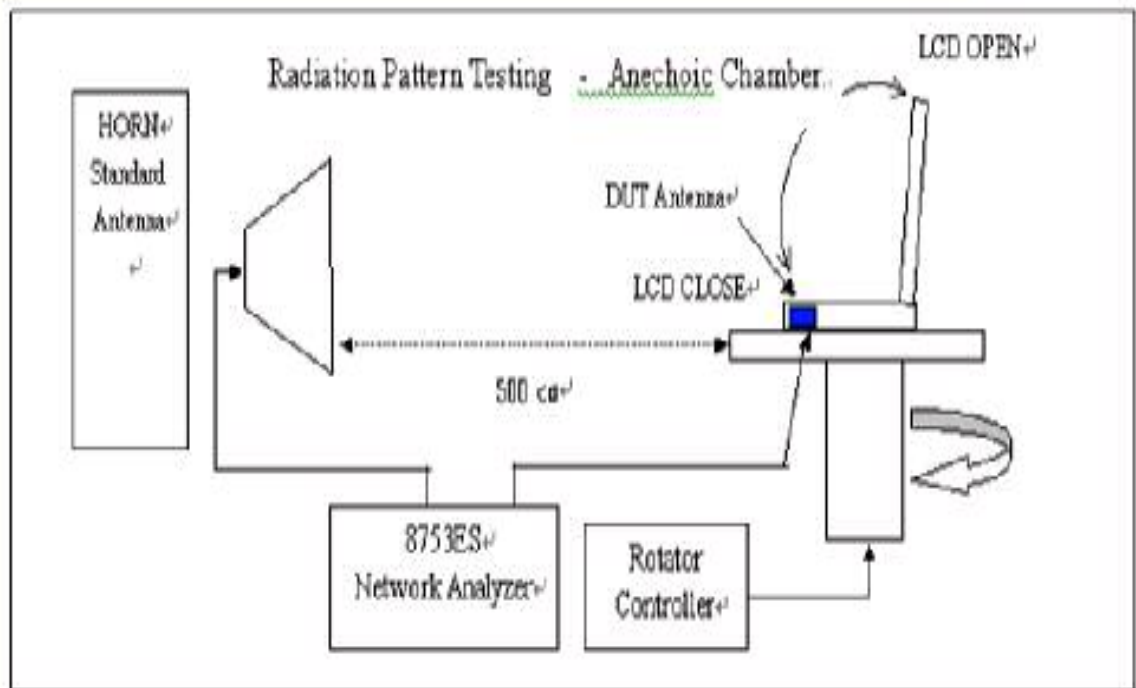
機密

廠內專用

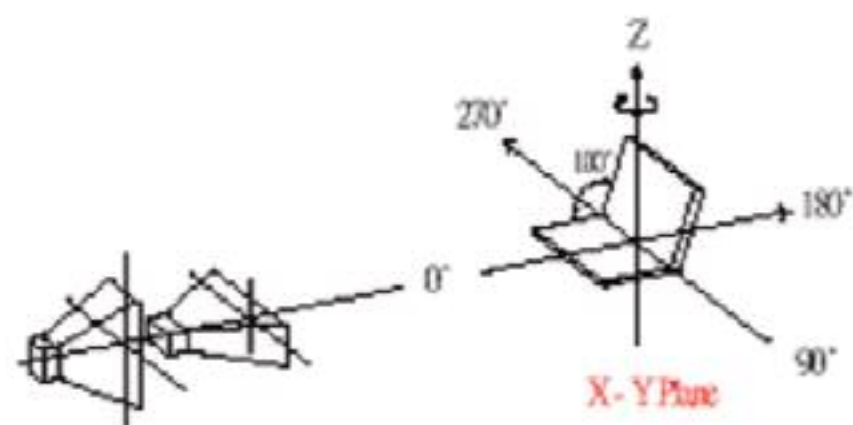
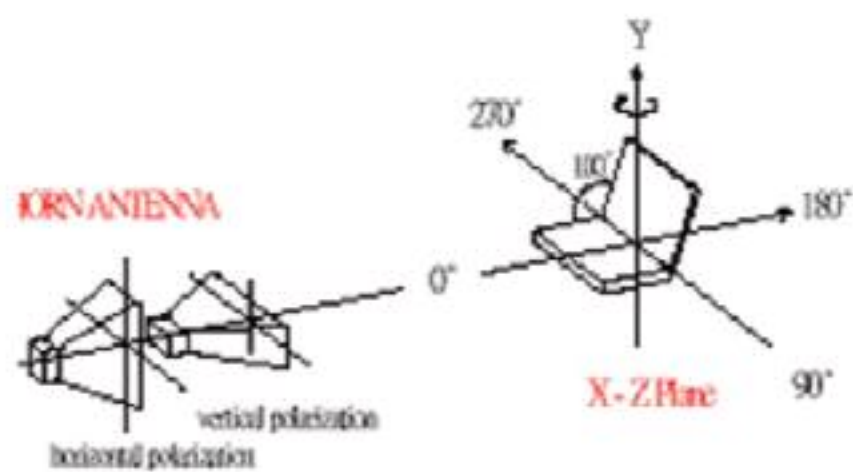
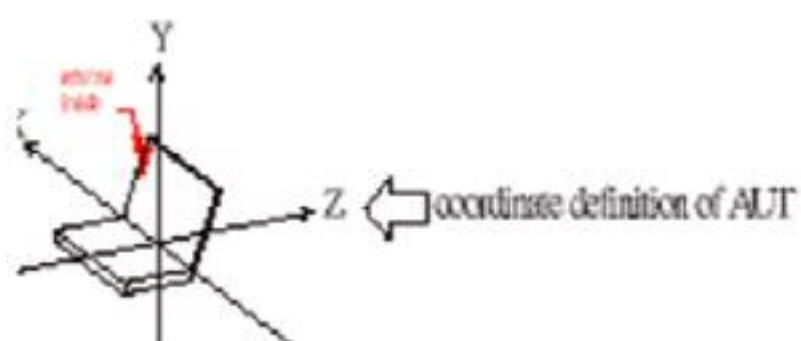
NOTES:
禁止使用1級環境管理物質，具體物質參見我司技術標準

1.

天線測試方法

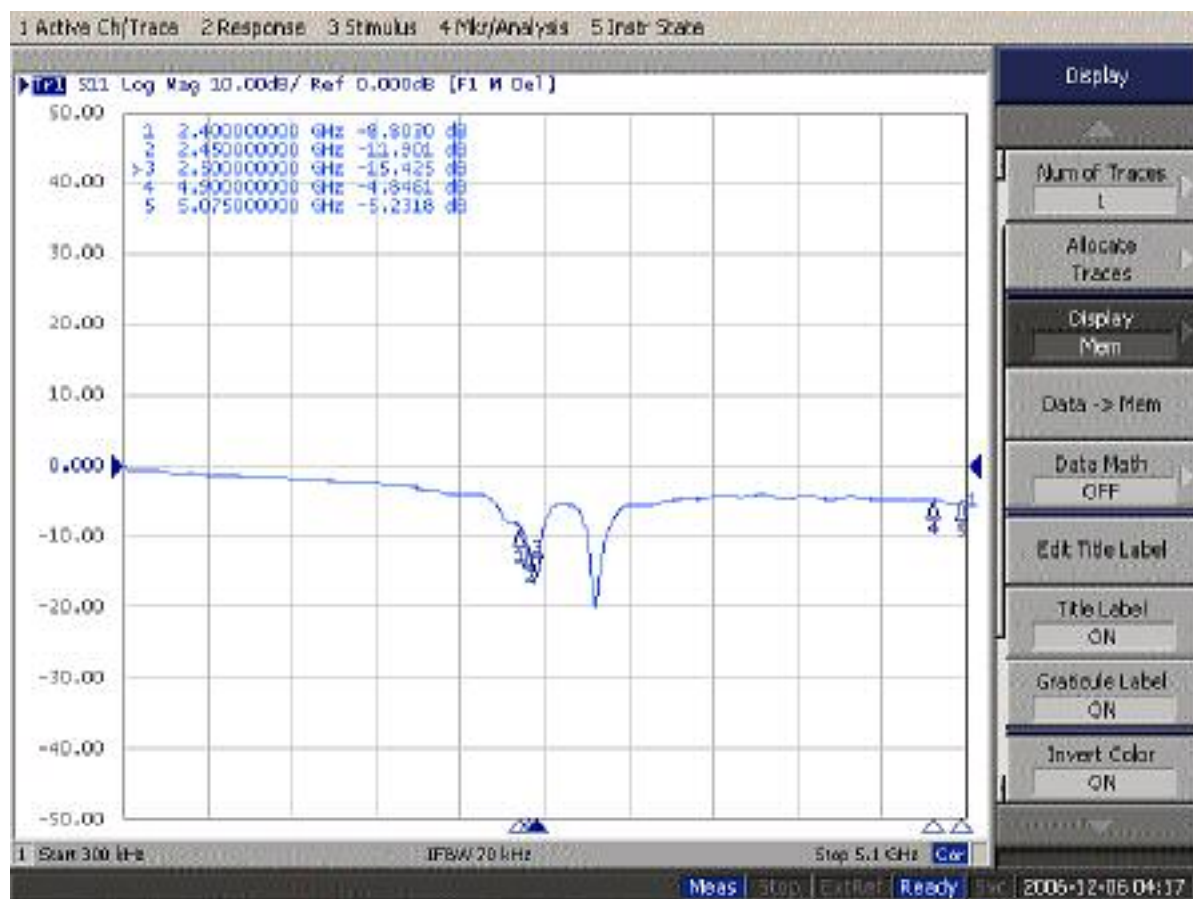


Coordinate Definition



2. WLAN Ant./ (WIFI)

2.4~2.5GHZ / Return Loss



2.4~2.5GHZ / VSWR



3. Gain & Pattern –WIFI

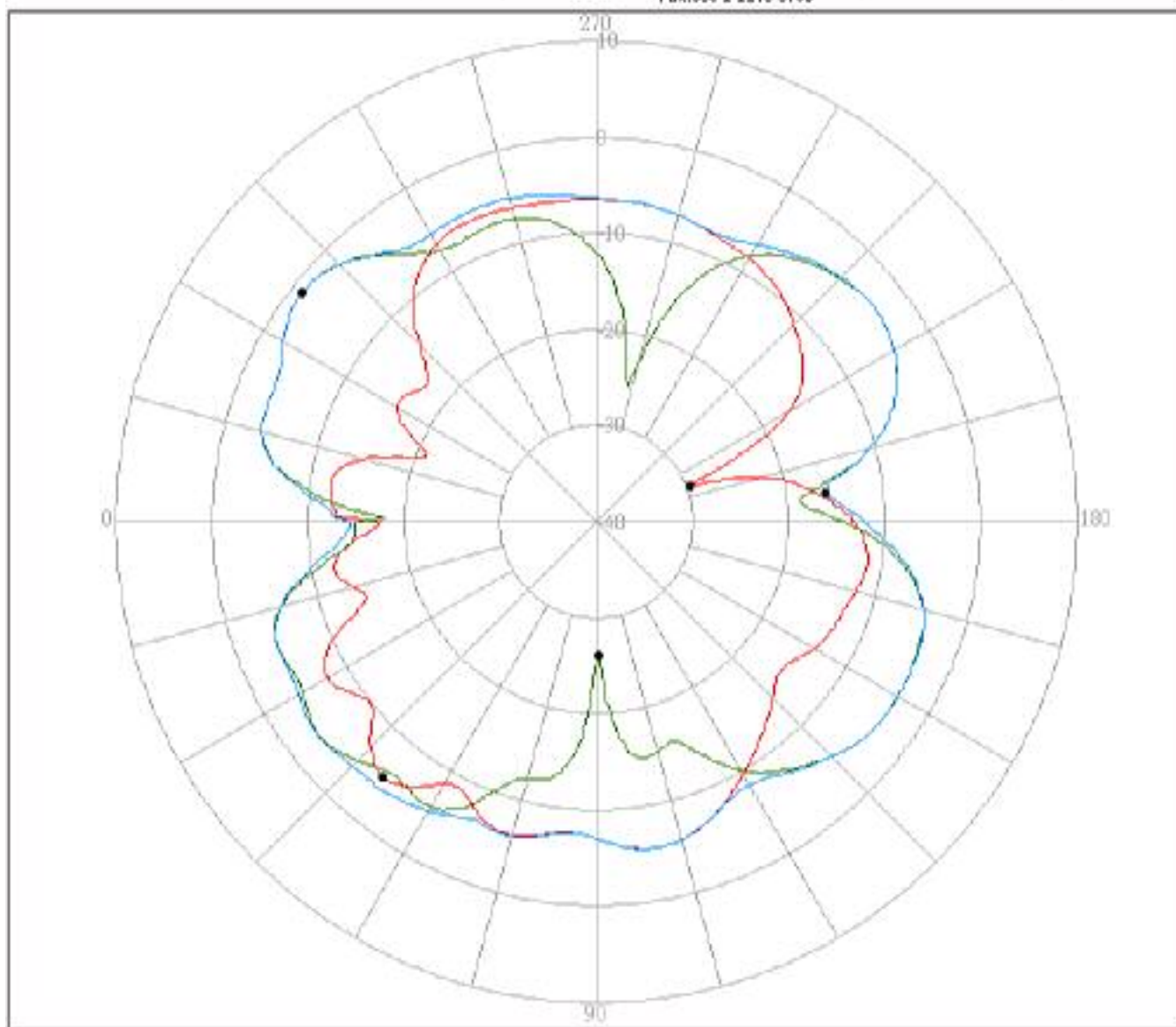
a. 2.4GHz



FAVORTRON Co. Ltd

Antenna Pattern Measurement

4F, No. 108-1, Min Chuan Rd., Hsin-Tien City, Taipei, Taiwan, R.O.C. Tel:886-2-2219-2189,
Fax:886-2-2219-5760



Pattern	Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1	KA015	WiFi	2400.00	-5.41 / 50.00	-29.59 / 201.00	-9.32	Yer	2005/12/5
2	KA015	WiFi	2400.00	-1.23 / 322.00	-26.10 / 91.00	-6.45	Hoc	2005/12/5
3	KA015	WiFi	2400.00	-1.23 / 322.00	-15.92 / 187.00	-5.39	V+E	2005/12/5

b. 2.45GHz



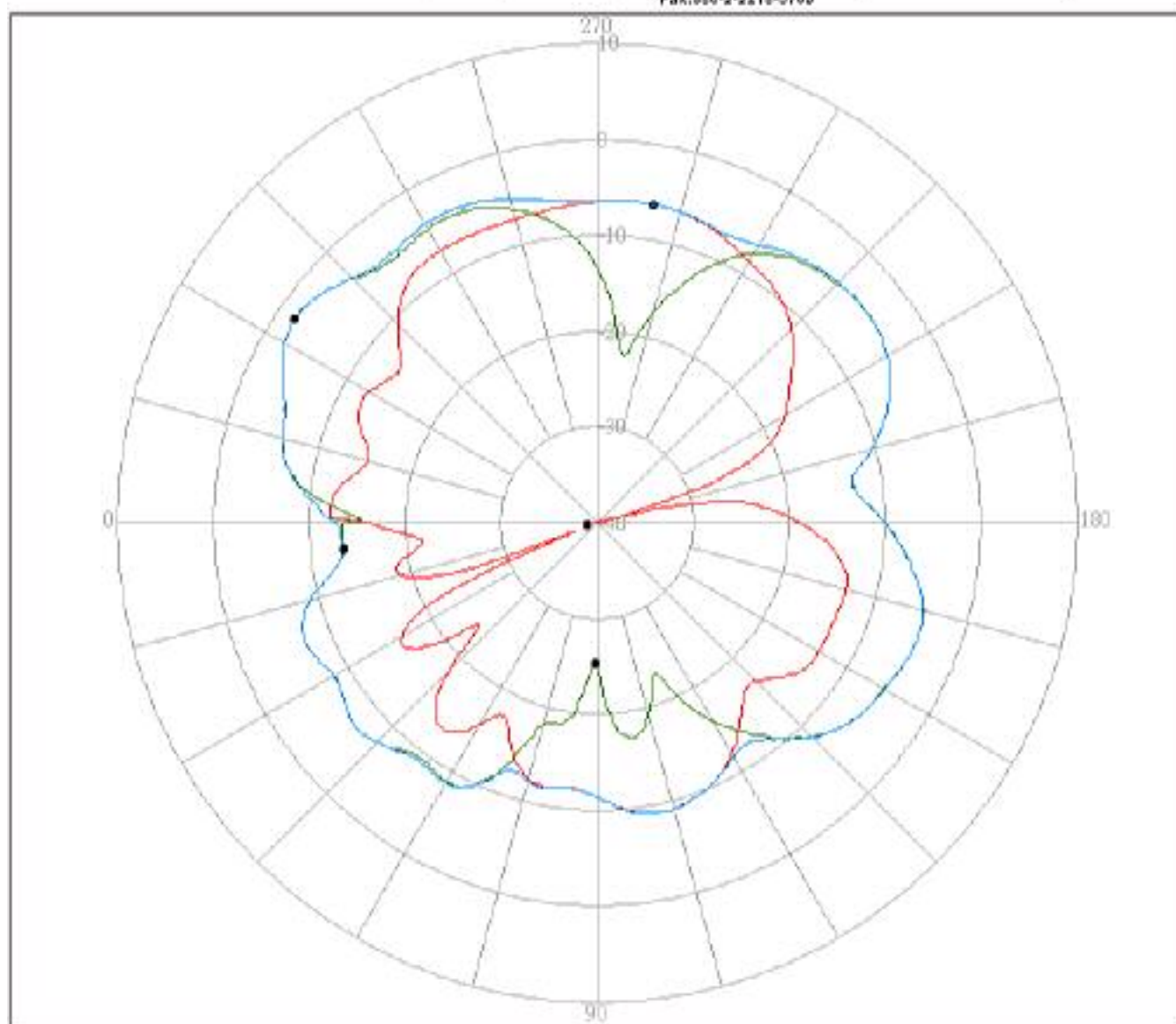
we strive for Customer Satisfaction

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FAVORTRON Co. Ltd

Antenna Pattern Measurement

4F, No. 108-1, Min Chuan Rd., Hsin-Tien City, Taipei, Taiwan, R.O.C. Tel:886-2-2218-2189,
Fax:886-2-2218-5760



Pattern		Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1		KA015	WJH	2450.00	-6.26 / 260.00	-54.43 / 195.00	-11.30	Ver.	2006/12/5
2		KA015	WJH	2450.00	-2.04 / 326.00	-25.40 / 89.00	-7.49	Hoc.	2006/12/5
3		KA015	WJH	2450.00	-2.03 / 326.00	-13.41 / 6.00	-6.68	V+H	2006/12/5

c. 2.5GHz



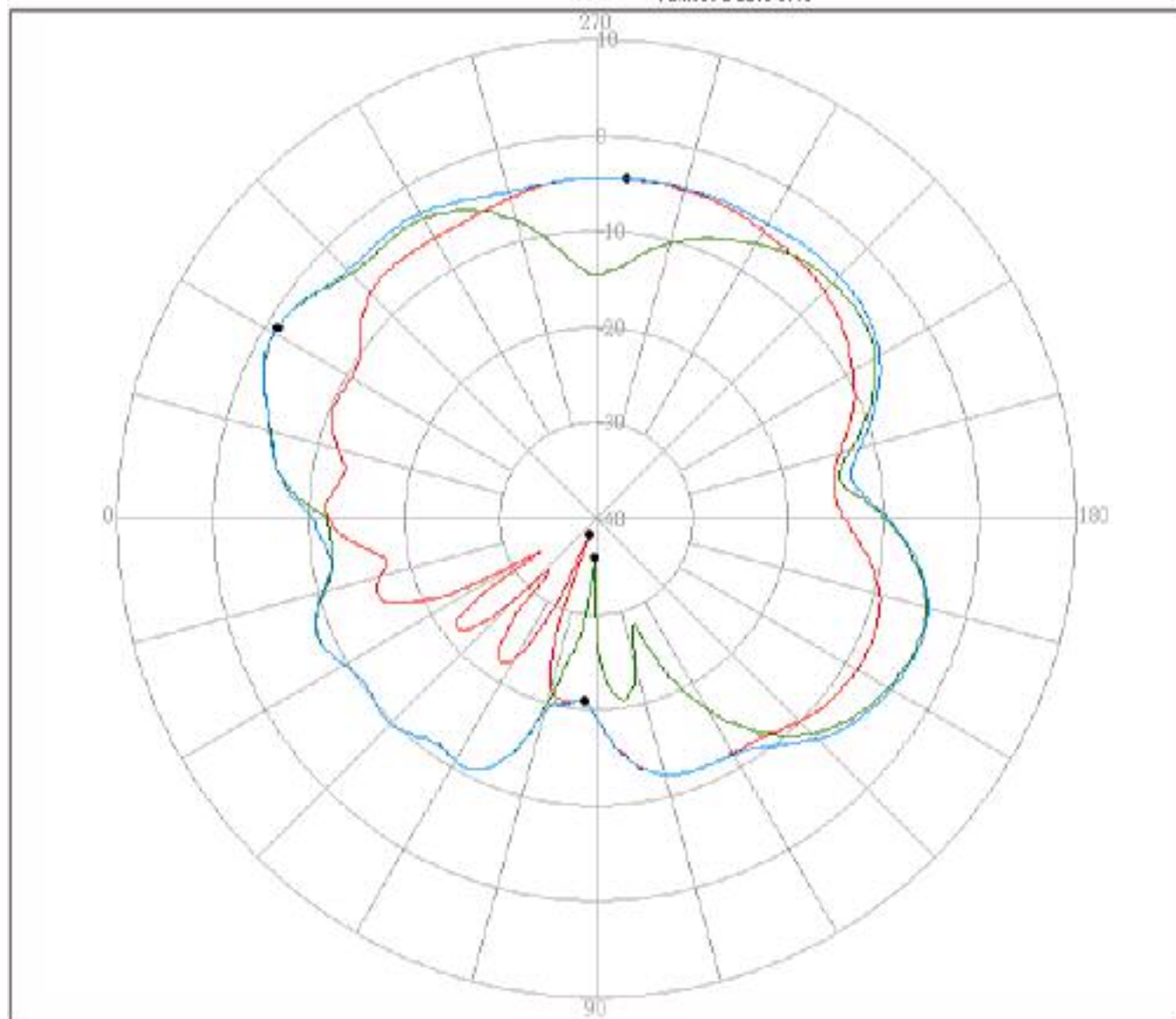
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Antenna Pattern Measurement

4F, No. 100-1, Min Chuan Rd., Hsin-Tien City, Taipei, Taiwan, R.O.C. Tel:886-2-2219-2189,
Fax:886-2-2219-5760



Pattern		Model No.	Test Mode	Freq(MHz)	Max Gain(dBi)	Min Gain(dBi)	Avg. Gain(dBi)	Source Polar.	Date
1		KA015	WJH	2500.00	-4.39 / 265.00	-38.29 / 67.00	-9.15	Ver.	2006/12/5
2		KA015	WJH	2500.00	-1.23 / 329.00	-35.68 / 87.00	-7.33	Hoc.	2006/12/5
3		KA015	WJH	2500.00	-1.20 / 329.00	-20.90 / 86.00	-6.14	V+H	2006/12/5