

DATE : 2007/10/11

CUSTOMER : ECS ELITEGROUP

TEST SHEET

MODEL	E09EI1-Main
DESCRIPTION	PIFA Wireless LAN Antenna For 802.11 b/g 2.4~2.5GHZ
SUPPLIER P/N	-----
CUSTOMER P/N	
FILE P/N	

FAVORTRON			CUSTOMER	
Manager	Supervisor	Engineer		
Dominic	Jesse	Joyce		

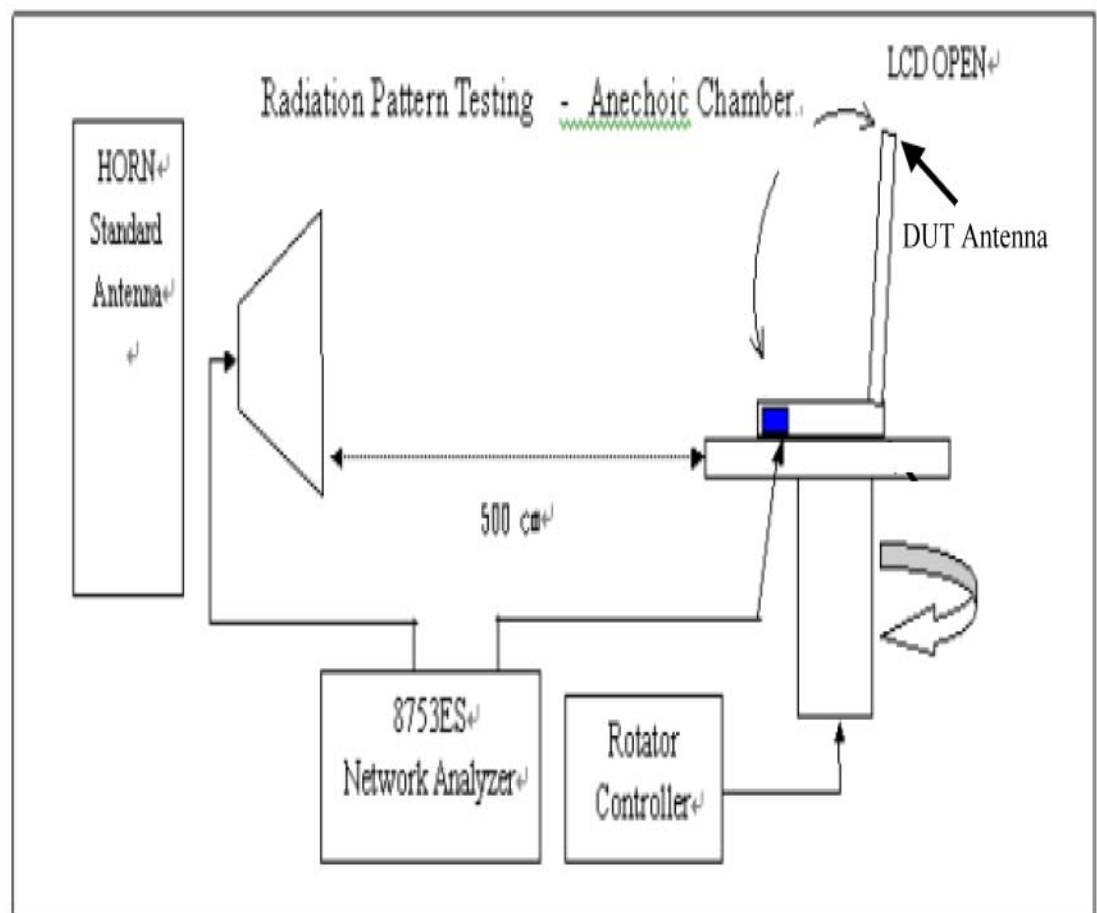


惠貿電子股份有限公司
FAVORTRON CO., LTD

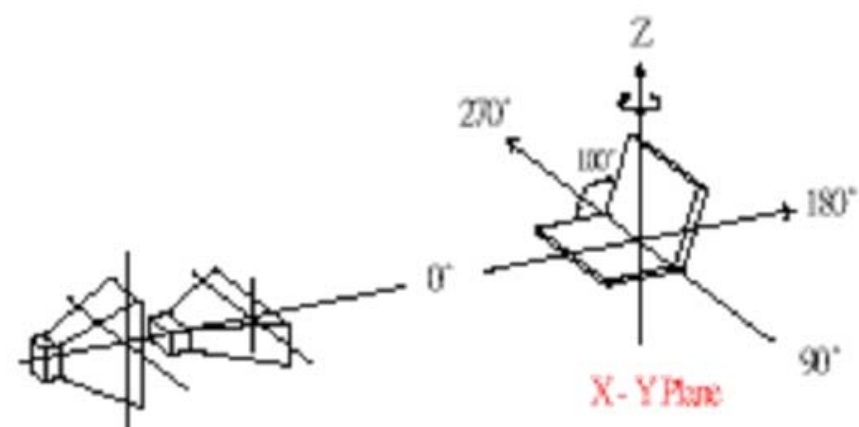
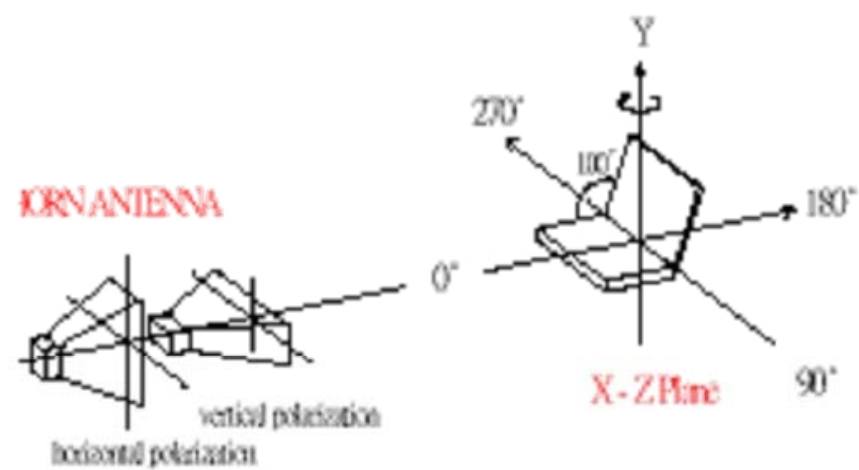
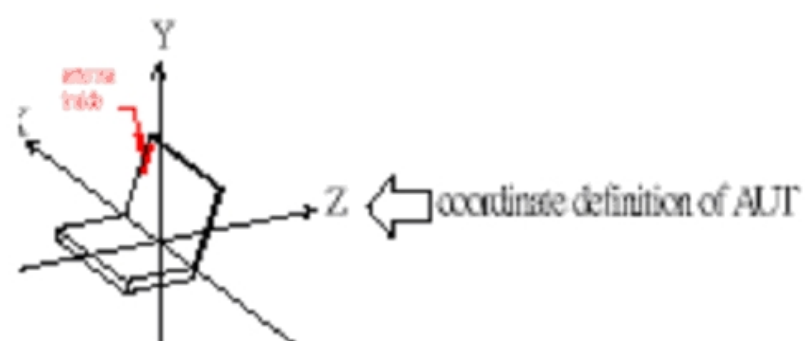
台北縣新店市民權路 108-1 號 4F
4F, No. 108-1, Minchziuan Rd., SHzindian City,
Taipei HZsien 231, Taiwan. R.O.C

TEL: (02) 2218-2189
FAX: (02) 2218-5420
[URL:www.fvc.com.tw](http://www.fvc.com.tw)

天線測試方法



Coordinate Definition

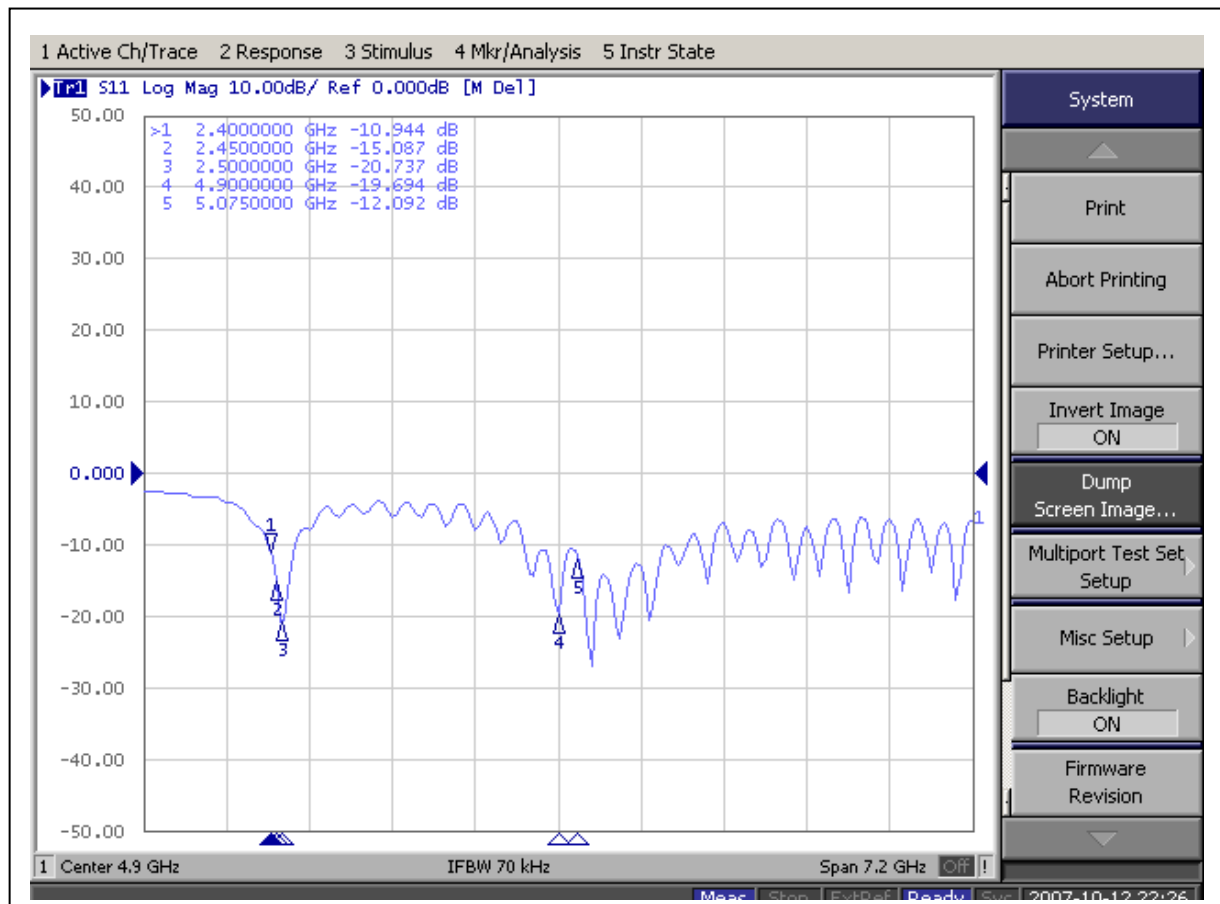


2. 測試資料數值

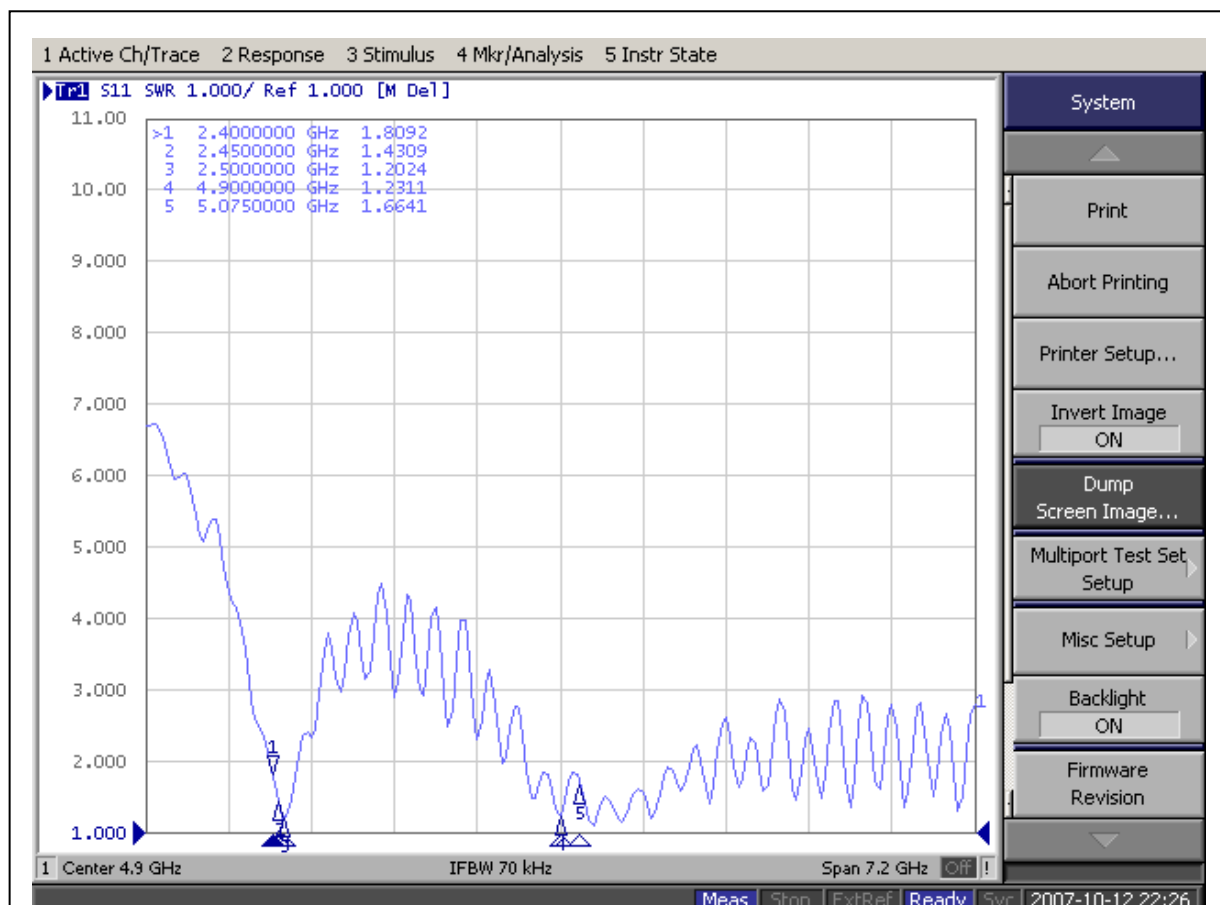
E09EI1-WLAN				
NO	RIGHT			
	Freq(MHz)	Return Loss (dBi)	VSWR	AVG Gain(dBi)
1	2.4	-10.94	1.80	-2.39
2	2.45	-15.08	1.43	-2.66
3	2.5	-20.73	1.20	-2.31

3. WLAN-Right Ant.

2.4~2.5GHz / Return Loss

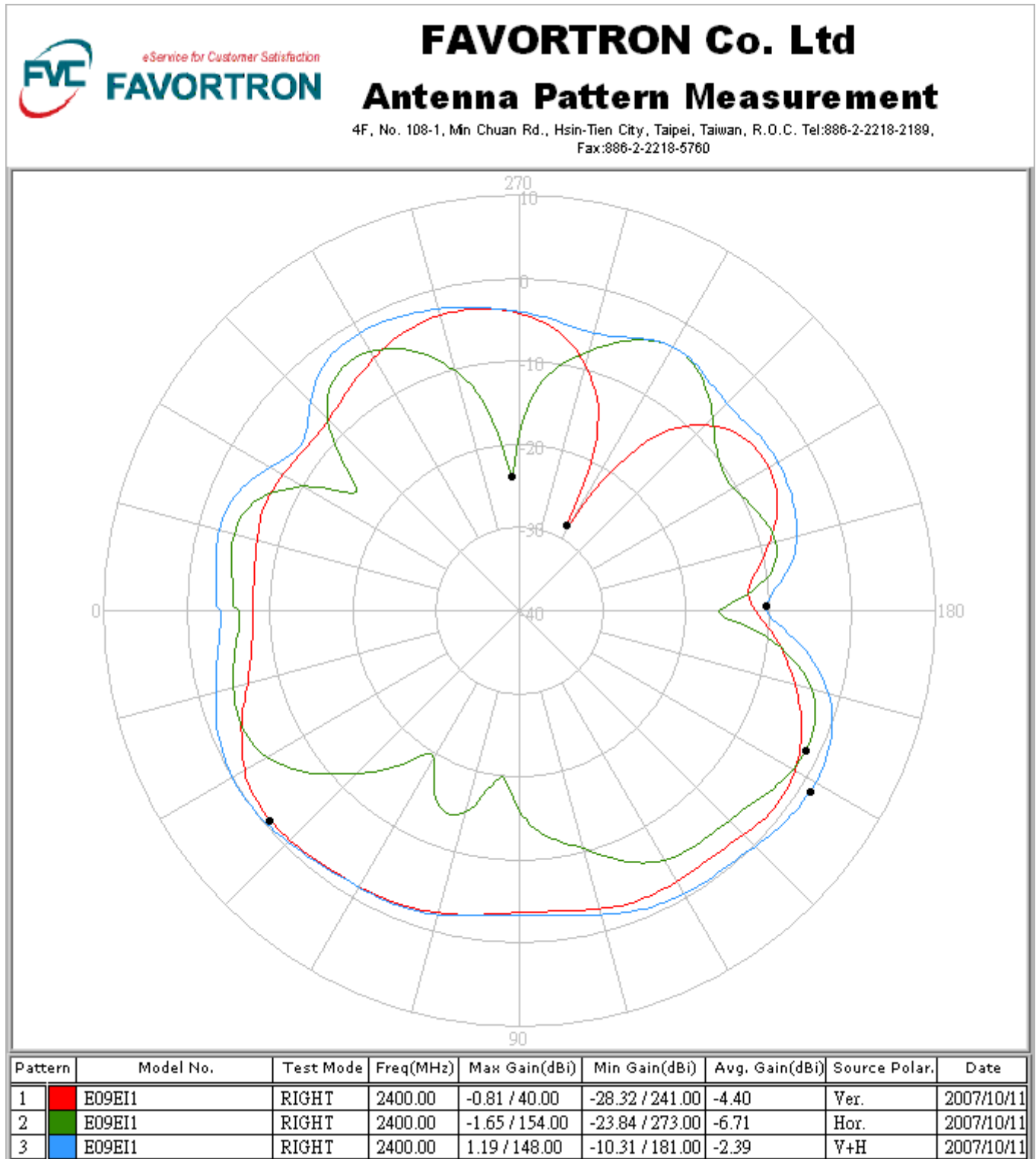


2.4~2.5GHz / VSWR



4. Gain & Pattern –Right

a. 2.4GHz



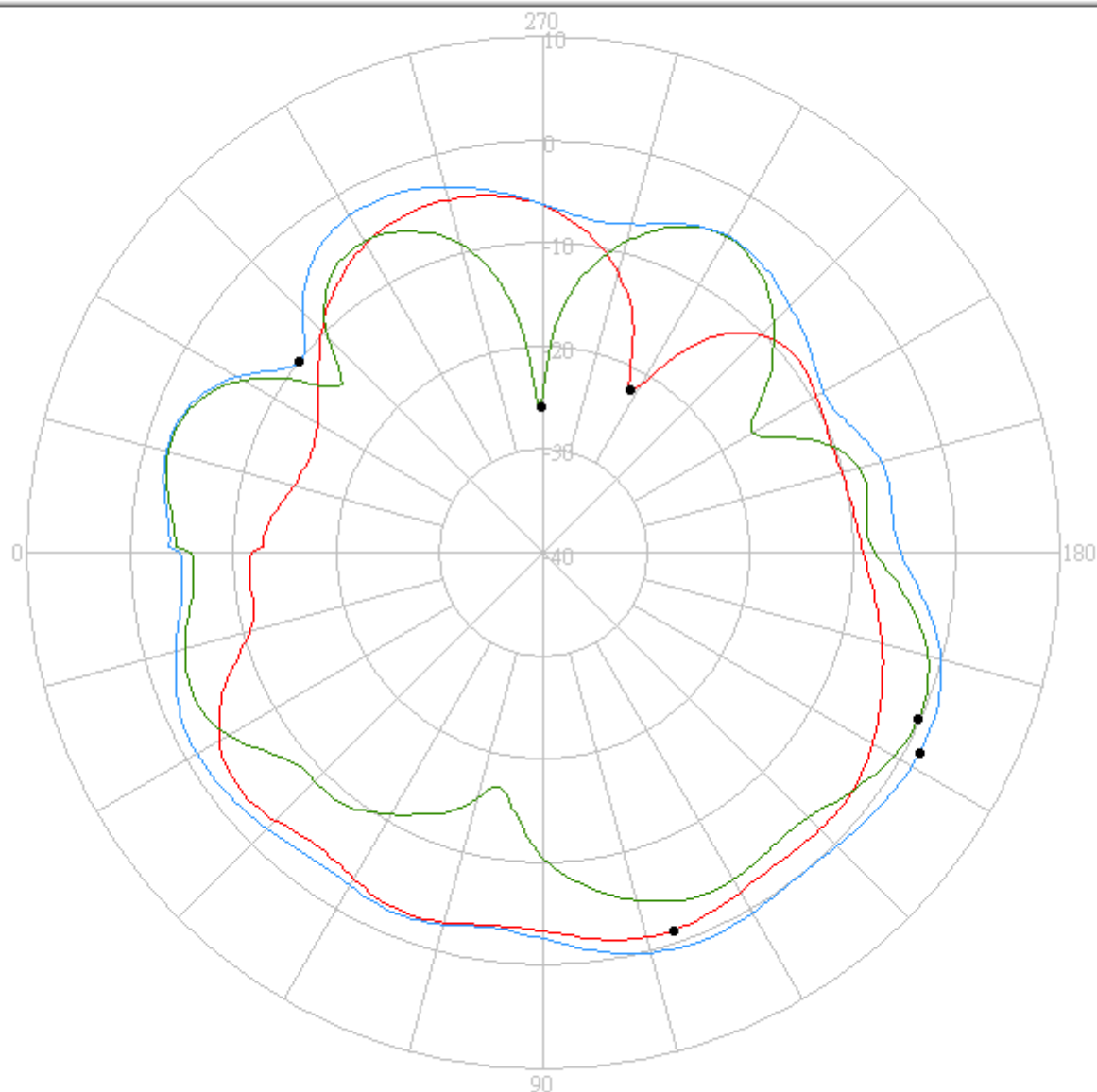
b. 2.45GHz



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	E09EI1	RIGHT	2450.00	-1.32 / 109.00	-22.17 / 242.00	-5.56	Ver.	2007/10/11
2	E09EI1	RIGHT	2450.00	-0.28 / 156.00	-25.87 / 271.00	-5.78	Hor.	2007/10/11
3	E09EI1	RIGHT	2450.00	1.29 / 152.00	-10.03 / 322.00	-2.66	V+H	2007/10/11

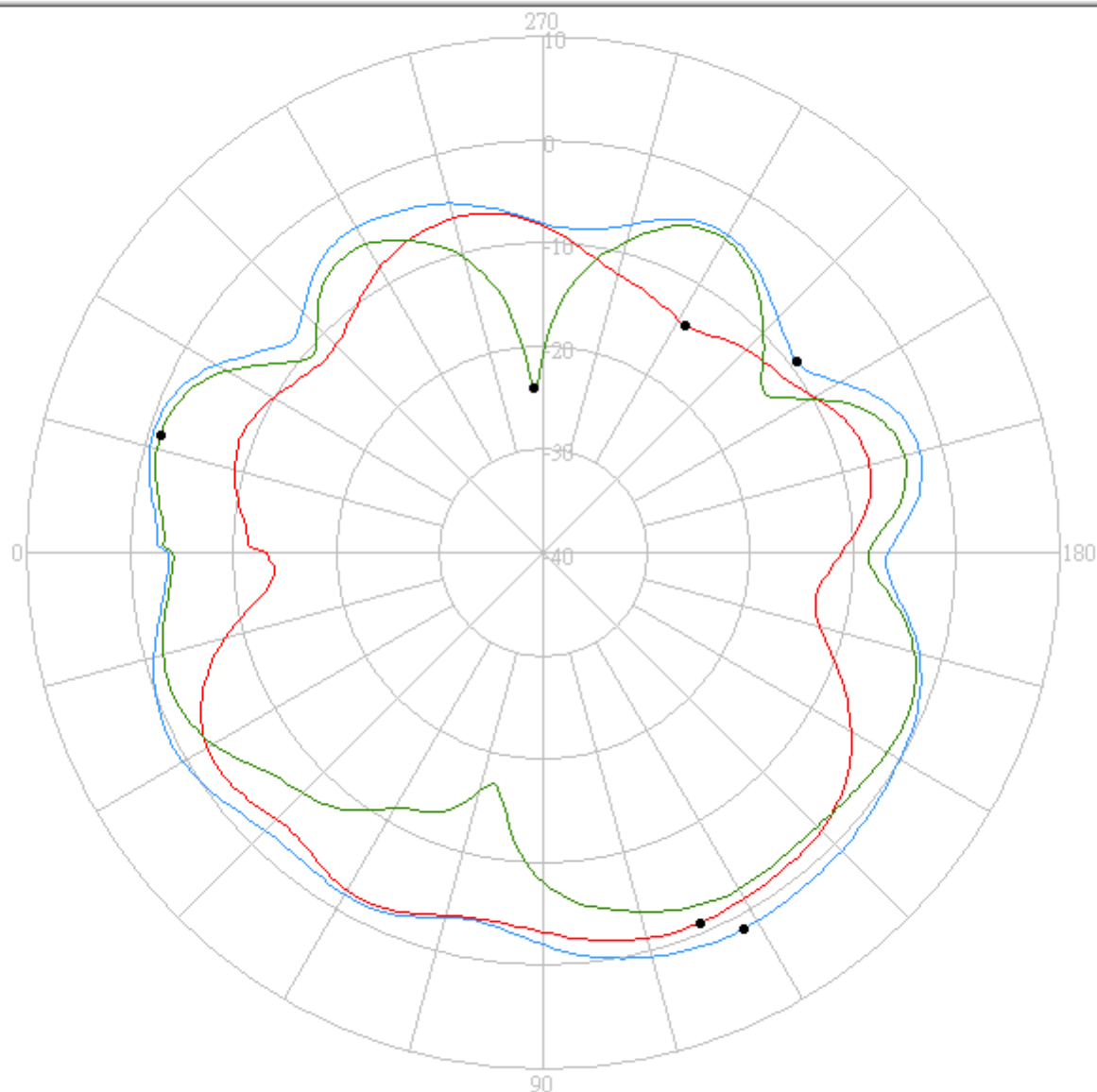
c. 2.5GHz



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	E09EI1	RIGHT	2500.00	-1.04 / 113.00	-14.10 / 238.00	-5.65	Ver.	2007/10/11
2	E09EI1	RIGHT	2500.00	-1.23 / 343.00	-24.12 / 273.00	-5.01	Hor.	2007/10/11
3	E09EI1	RIGHT	2500.00	1.28 / 118.00	-9.30 / 217.00	-2.31	V+H	2007/10/11