

# 測試報告

## Test Report

### 台北檢測實驗室

報告編號 Report Number	NVR3086B8683
產品名稱 Product Name	ACER BEAGLE ANTENNA
委託單位 Requested By	NVR308
委託單位地址 Requester Address	臺北縣土城市土城工業區 自由街 2 號
測試日期 Date of Test	8/29/2006

1. This test report is valid only for sample(s) received by the Laboratory.
2. Reproduce of this report in part is not permitted without the written consent of the Laboratory.

實驗室主管  
Laboratory head

2006-08-30

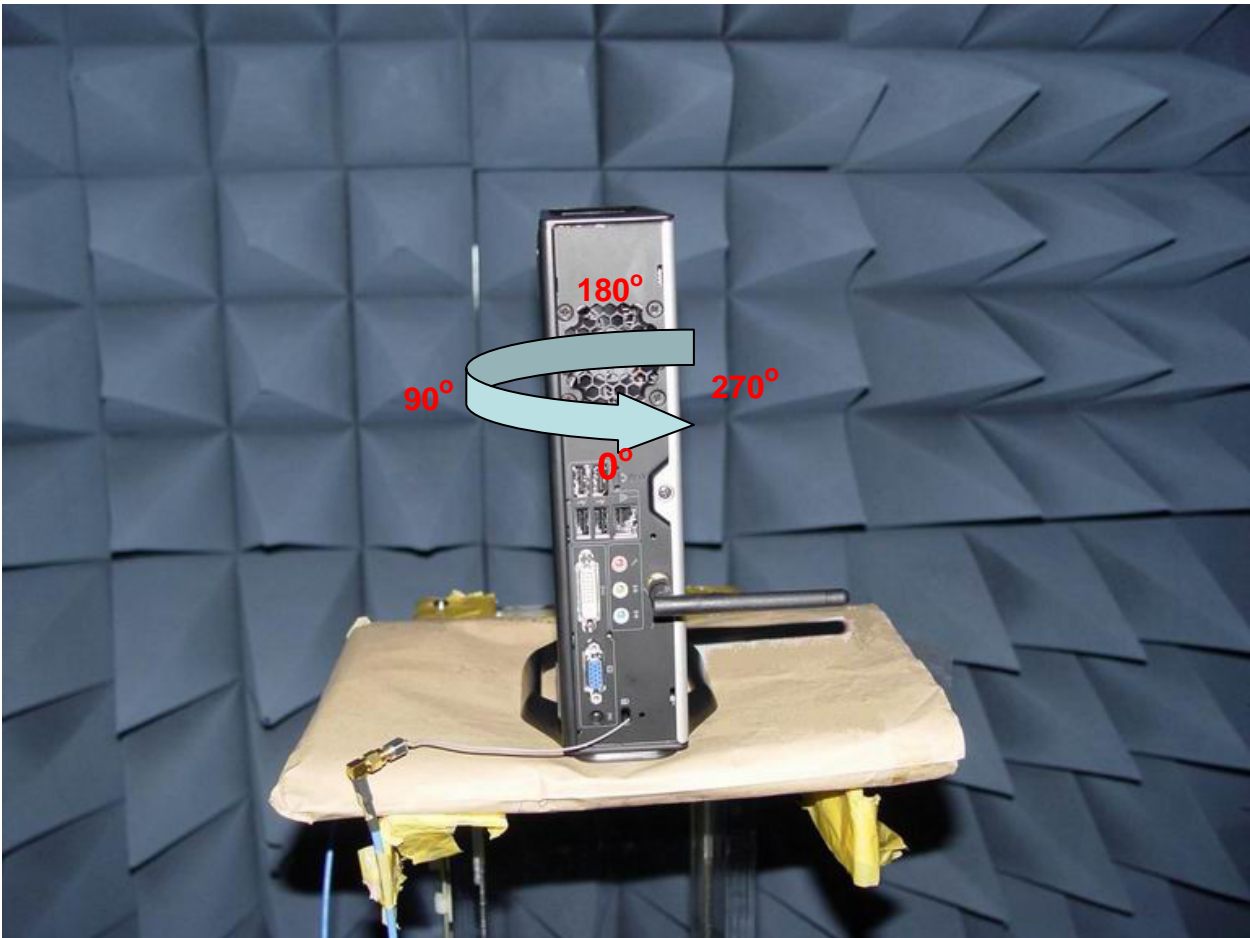
報告簽署人  
Approval signatory

2006-08-30

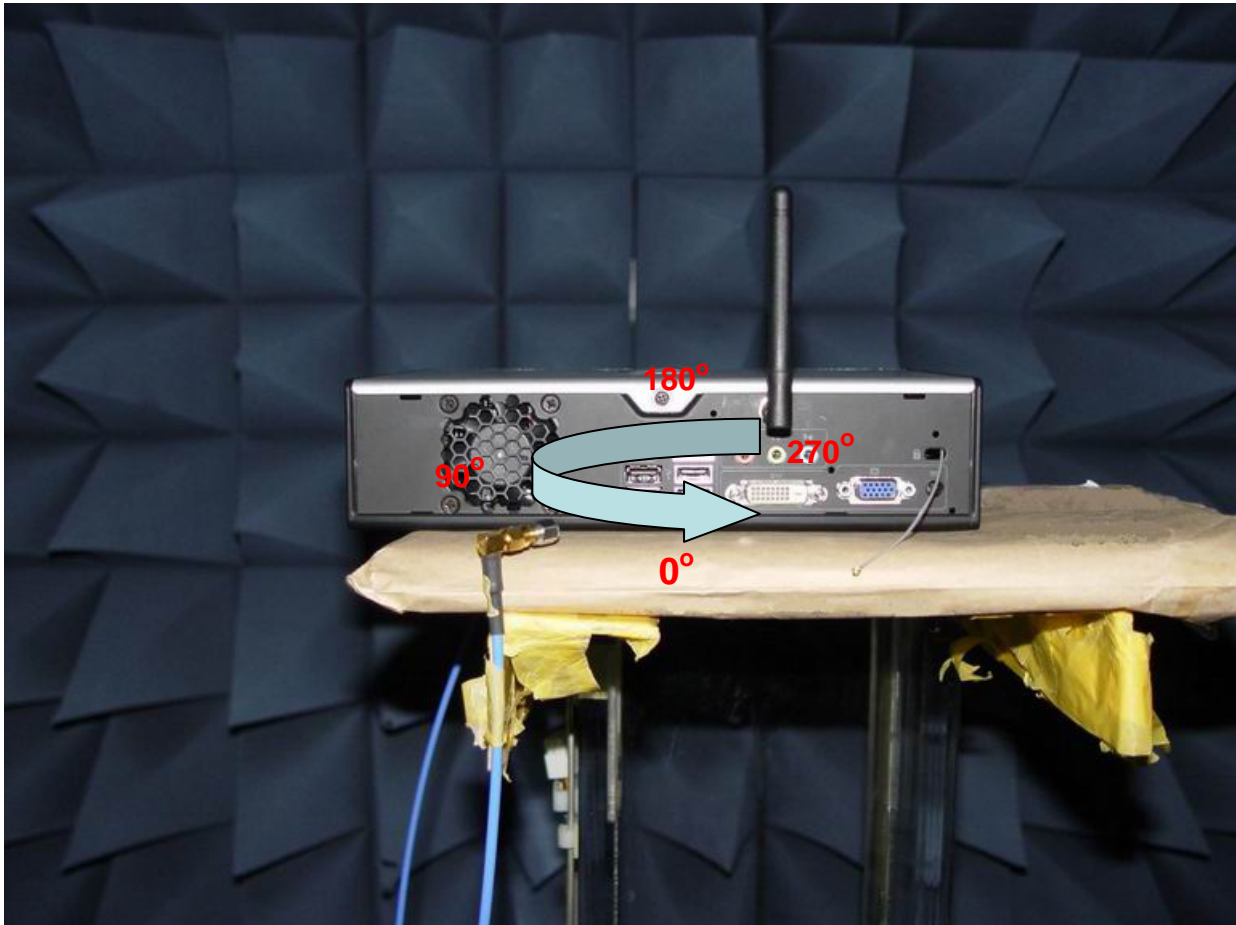
REPORT NUMBER : NVR3086B8683 RECEIPT DATE :2006/8/29 TEST DATE : 2006/8/29  
PART DESCRIPTION : ACER BEAGLE ANTENNA  
PART NUMBER : N/A  
SAMPLE ID. : Sample1  
TEST ITEM : 1.VSWR 2. Antenna Gain  
TEST METHOD : N/A  
TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
PRE-CONDITION : N/A  
OPERATOR : 9904  
AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
: 988-0003 2005/9/9 2006/9/8

**Result:****SET UP 1**

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TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
: 988-0003 2005/9/9 2006/9/8

**Result:****SET UP 2**

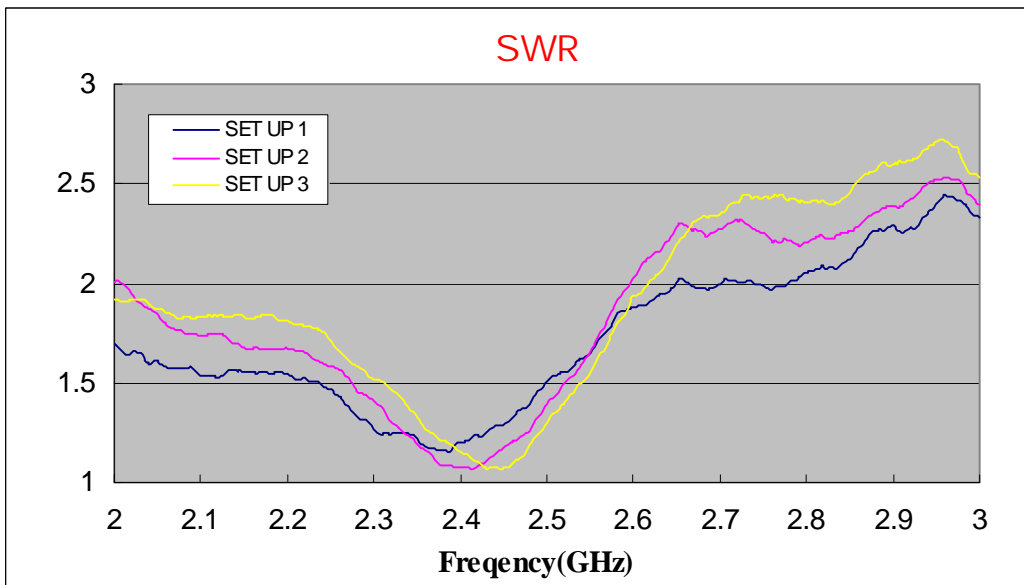
REPORT NUMBER : NVR3086B8683 RECEIPT DATE :2006/8/29 TEST DATE : 2006/8/29  
PART DESCRIPTION : ACER BEAGLE ANTENNA  
PART NUMBER : N/A  
SAMPLE ID. : Sample1  
TEST ITEM : 1.VSWR 2. Antenna Gain  
TEST METHOD : N/A  
TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
PRE-CONDITION : N/A  
OPERATOR : 9904  
AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
: 988-0003 2005/9/9 2006/9/8

**Result:****SET UP 3**

REPORT NUMBER : NVR3086B8683 RECEIPT DATE :2006/8/29 TEST DATE : 2006/8/29  
 PART DESCRIPTION : ACER BEAGLE ANTENNA  
 PART NUMBER : N/A  
 SAMPLE ID. : Sample1  
 TEST ITEM : 1.VSWR 2. Antenna Gain  
 TEST METHOD : N/A  
 TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
 PRE-CONDITION : N/A  
 OPERATOR : 9904  
 AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
 TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
 : 988-0003 2005/9/9 2006/9/8

**Result:**

**1. VSWR@2~3GHz, number of points=201, IF bandwidth=300Hz**



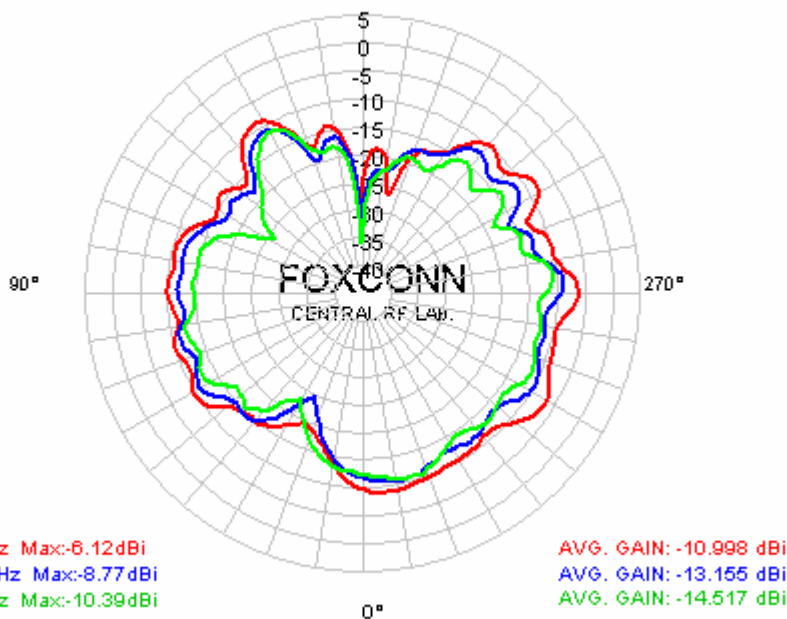
VSWR	2.4GHz	2.45GHz	2.5GHz
Set up 1	1.20	1.29	1.51
Set up 2	1.08	1.17	1.39
Set up 3	1.15	1.07	1.30

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 PART NUMBER : N/A  
 SAMPLE ID. : Sample1  
 TEST ITEM : 1.VSWR 2. Antenna Gain  
 TEST METHOD : N/A  
 TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
 PRE-CONDITION : N/A  
 OPERATOR : 9904  
 AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
 TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
 : 988-0003 2005/9/9 2006/9/8

**Result:**

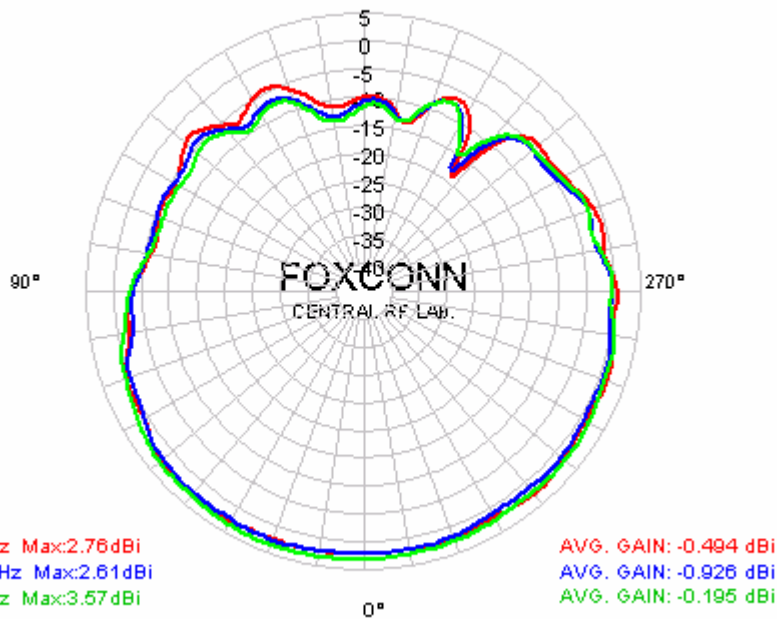
**2. Antenna Pattern**

Set up 1	H(dBi)	V(dBi)	V+H(dBi)
2.4GHz	-11	-0.494	-0.124
2.45GHz	-13.155	-0.926	-0.674
2.5GHz	-14.517	-0.195	-0.037



Set up 1 Horizontal Polarization

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: 988-0003 2005/9/9 2006/9/8

**Result:**

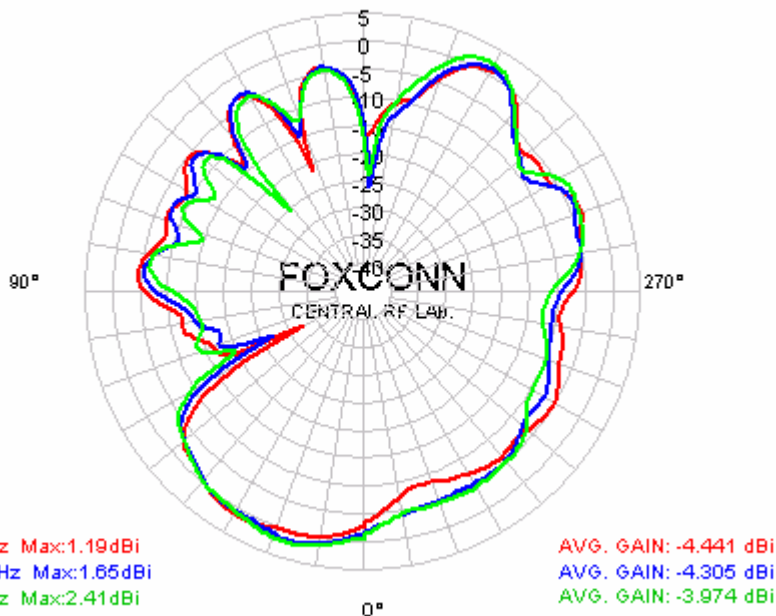
Set up 1 Vertical Polarization



REPORT NUMBER : NVR3086B8683 RECEIPT DATE :2006/8/29 TEST DATE : 2006/8/29  
 PART DESCRIPTION : ACER BEAGLE ANTENNA  
 PART NUMBER : N/A  
 SAMPLE ID. : Sample1  
 TEST ITEM : 1.VSWR 2. Antenna Gain  
 TEST METHOD : N/A  
 TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
 PRE-CONDITION : N/A  
 OPERATOR : 9904  
 AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
 TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
 : 988-0003 2005/9/9 2006/9/8

**Result:**

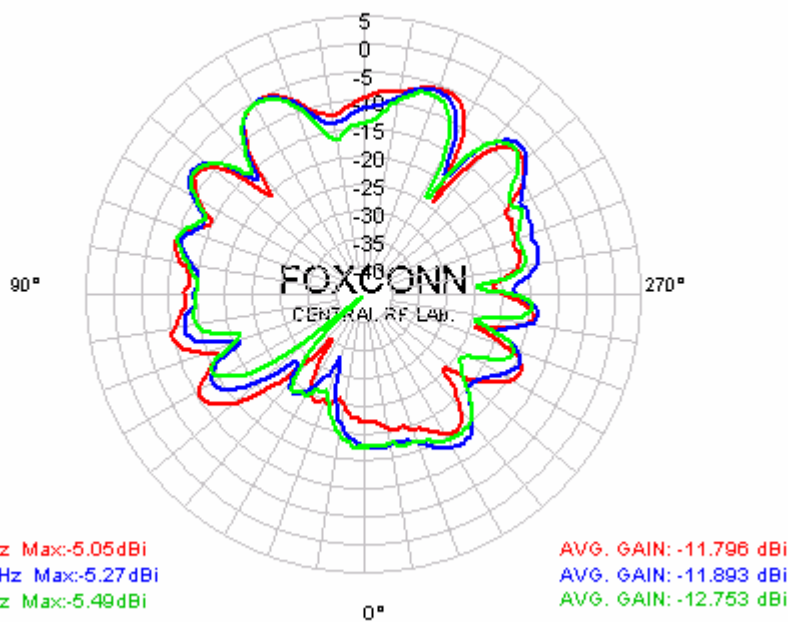
Set up 2	H(dBi)	V(dBi)	V+H(dBi)
2.4GHz	-4.441	-11.796	-3.708
2.45GHz	-4.305	-11.893	-3.607
2.5GHz	-3.974	-12.753	-3.434



Set up 2 Horizontal Polarization



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TEST ITEM : 1.VSWR 2. Antenna Gain  
TEST METHOD : N/A  
TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
PRE-CONDITION : N/A  
OPERATOR : 9904  
AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
: 988-0003 2005/9/9 2006/9/8

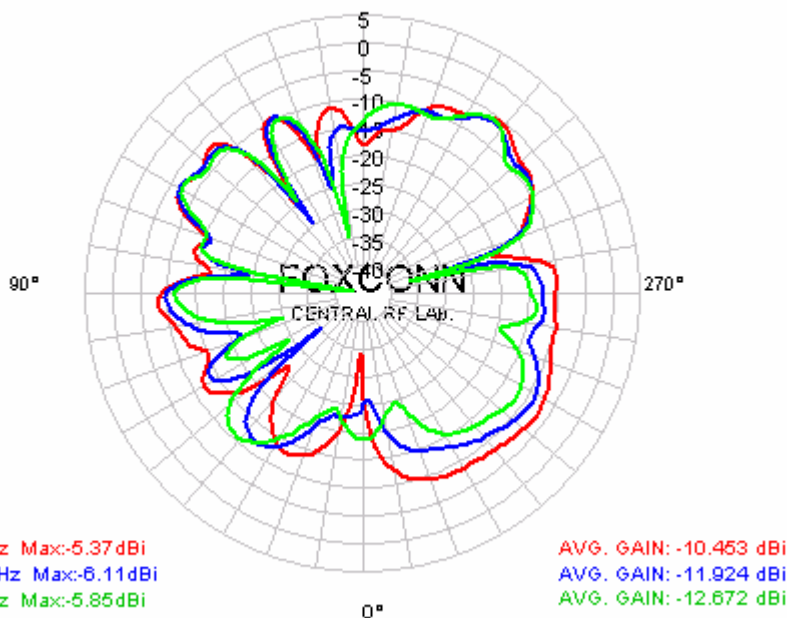
**Result:**

Set up 2 Vertical Polarization

REPORT NUMBER : NVR3086B8683 RECEIPT DATE :2006/8/29 TEST DATE : 2006/8/29  
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 : 988-0003 2005/9/9 2006/9/8

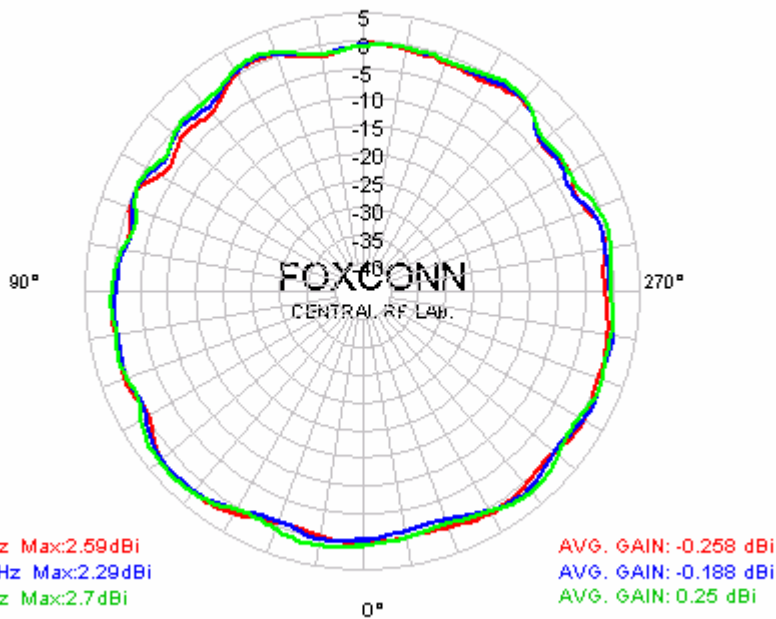
**Result:**

Set up 3	H(dBi)	V(dBi)	V+H(dBi)
2.4GHz	-10.453	-0.258	0.139
2.45GHz	-11.924	-0.188	0.094
2.5GHz	-12.672	0.25	0.466



Set up 3 Horizontal Polarization

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PART NUMBER : N/A  
SAMPLE ID. : Sample1  
TEST ITEM : 1.VSWR 2. Antenna Gain  
TEST METHOD : N/A  
TEST CONDITION : VSWR Test @2~3GHz, number of points=201, IF bandwidth=300Hz  
PRE-CONDITION : N/A  
OPERATOR : 9904  
AMBIENT CONDITION : Temperature: 23.5 °C Relative Humidity: 53.5%  
TEST EQUIPMENT : [設備管制編號] Last Cal.: [上次校正] Due: [下次校正]  
: 988-0003 2005/9/9 2006/9/8

**Result:**

Set up 3 Vertical Polarization