

1. ELECTRICAL SPECIFICATIONS

1-1 ELECTRICATL LENGTH:1/4 dipole

1-2 Antenna type: patch Antenna

1-3FREQUENCY BAND

FREQUENCY BAND	FREQUENCY
2.4GHz	2.4GHz~2.5GHz

1-4 POLARIZATION: Horizontal and Vertical

1- 5GAIN: (see attached figure for detail)

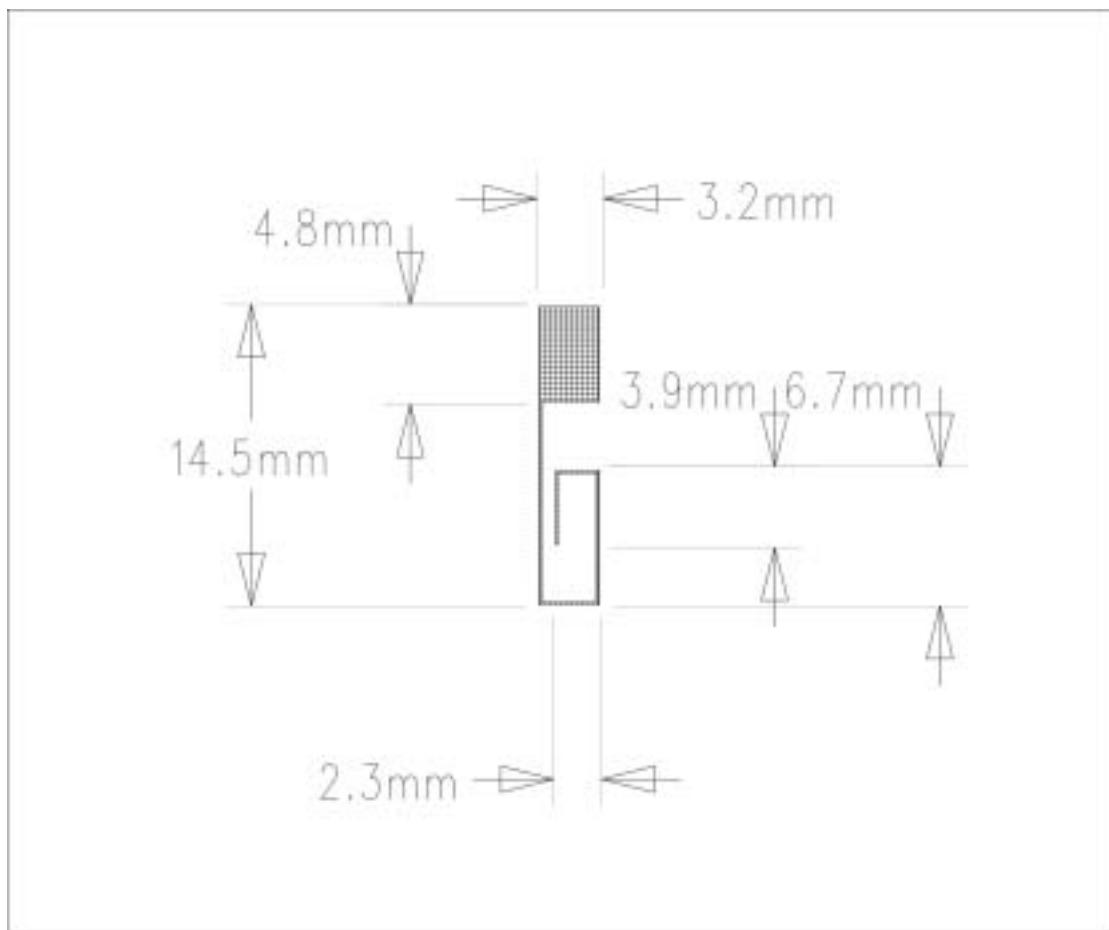
typical value (average gain)

FREQUENCY BAND	FREQUENCY	
	2.4~2.5GHz	
	Horizontal	Vertical
2.412GHz	-1.75dBi	-4.53dBi
2.447GHz	-3.14 dBi	-5.26 dBi
2.484GHz	-3.20 dBi	-6.07 dBi

2. OPRATING TEMPERATURE RANGE:-20~65

3. STORAGE TEMPERATURE:-30~75

Antenna structural drawing



ANTENNA GAIN



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Brand / Model : PCMCIA

Remark : ANT1

Tested by : JASON

EUT description : HORIZONTAL

Location:

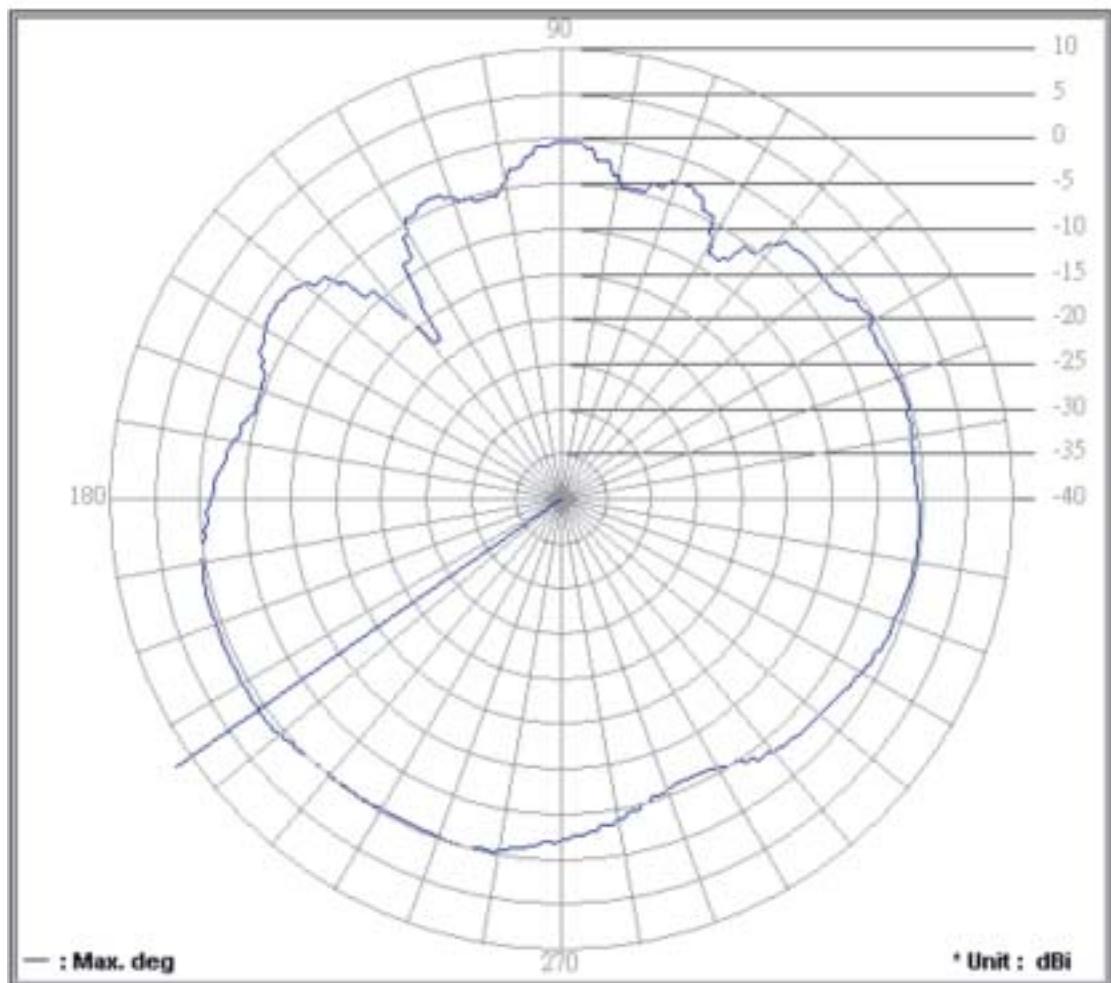
Date: 2004/3/18

Time: 下午 09:38:58

Temperatuer (°C): 20

Humidity (%): 60

Approved by:



Frequency (MHz): 2412.00

Antenna Polarity : Horizontal

Average Gain (dB): -1.75

Maximum Gain (dB): 0.89

Maximum Gain (degree): 215

Minimum Gain (dB): -17.74

Minimum Gain (degree): 127

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Brand / Model : PCMCIA

Remark : ANT1

Tested by : JASON

EUT description : VERTICAL

Location:

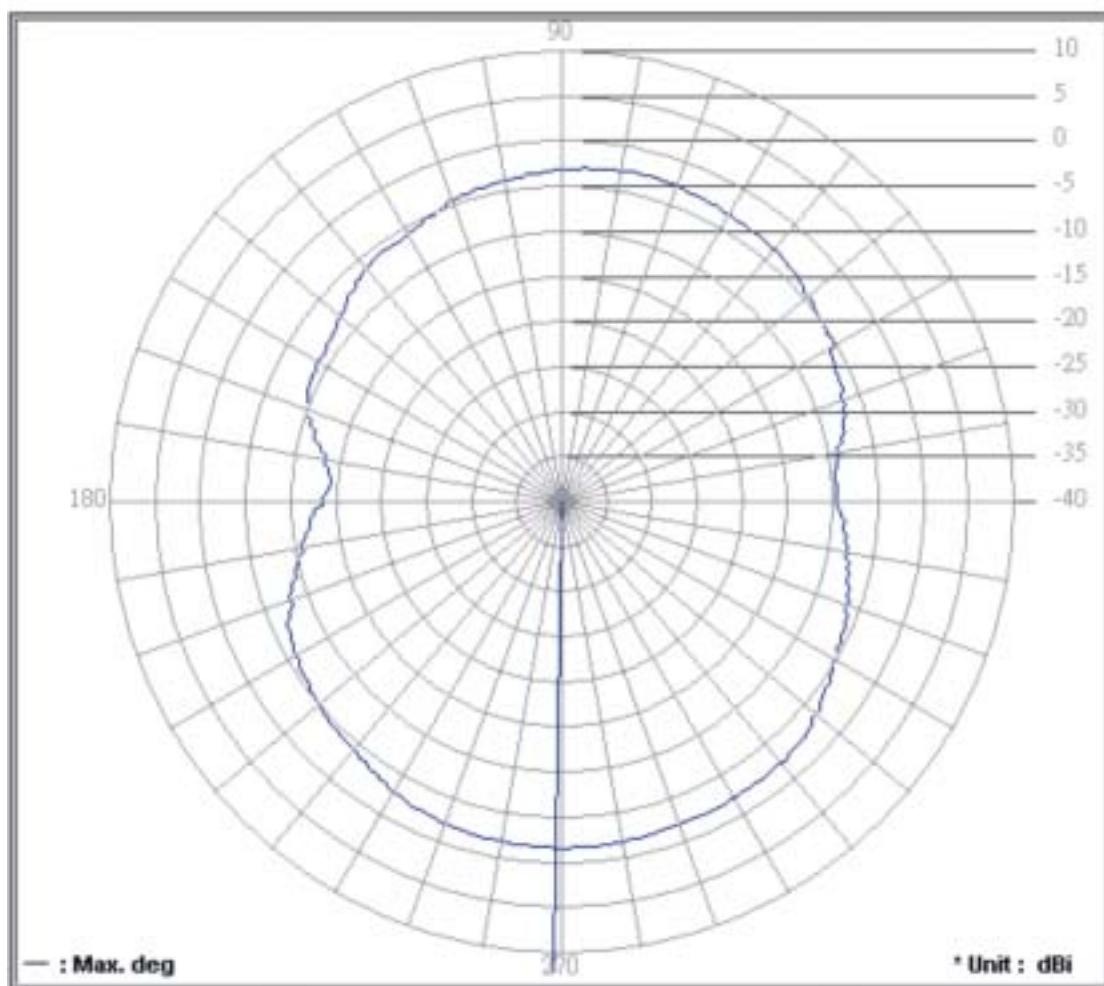
Date: 2004/3/18

Time: 下午 09:24:31

Temperatuer (°C): 20

Humidity (%): 60

Approved by:



Frequency (MHz): 2412.00

Antenna Polarity: Vertical

Average Gain (dB): -4.53

Maximum Gain (dB): -1.62

Maximum Gain (degree): 269

Minimum Gain (dB): -14.27

Minimum Gain (degree): 174

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Brand / Model : PCMCIA
Remark : ANT1
Tested by : JASON
EUT description : HORIZONTAL.

Location:

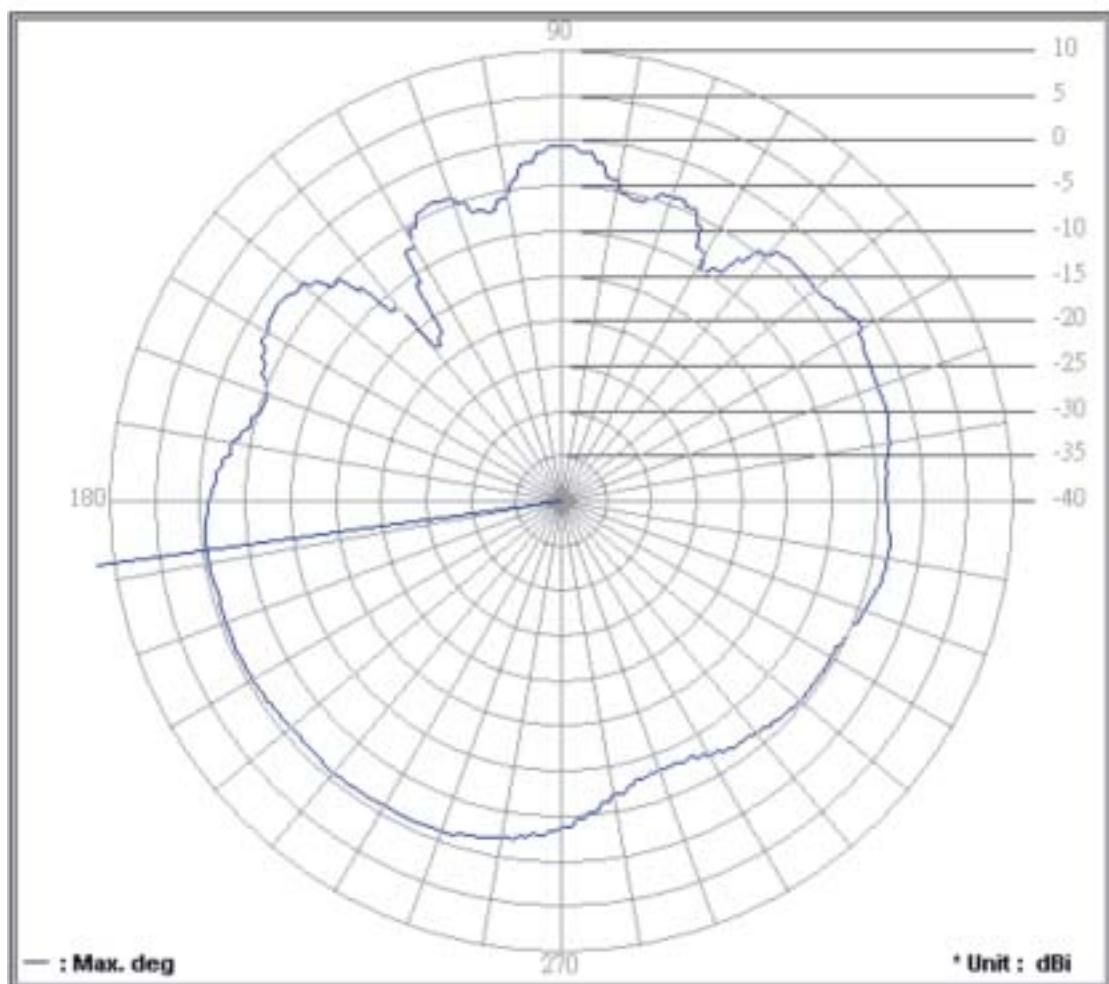
Date: 2004/3/18

Time: 下午 09:41:35

Temperatuer (°C): 20

Humidity (%): 60

Approved by:



Frequency (MHz): 2447.00

Antenna Polarity : Horizontal

Average Gain (dB): -3.14

Maximum Gain (dB): -0.37

Maximum Gain (degree): 188

Minimum Gain (dB): -18.12

Minimum Gain (degree): 128

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Brand / Model : PCMCIA
Remark : ANT1
Tested by : JASON
EUT description : VERTICAL

Location:

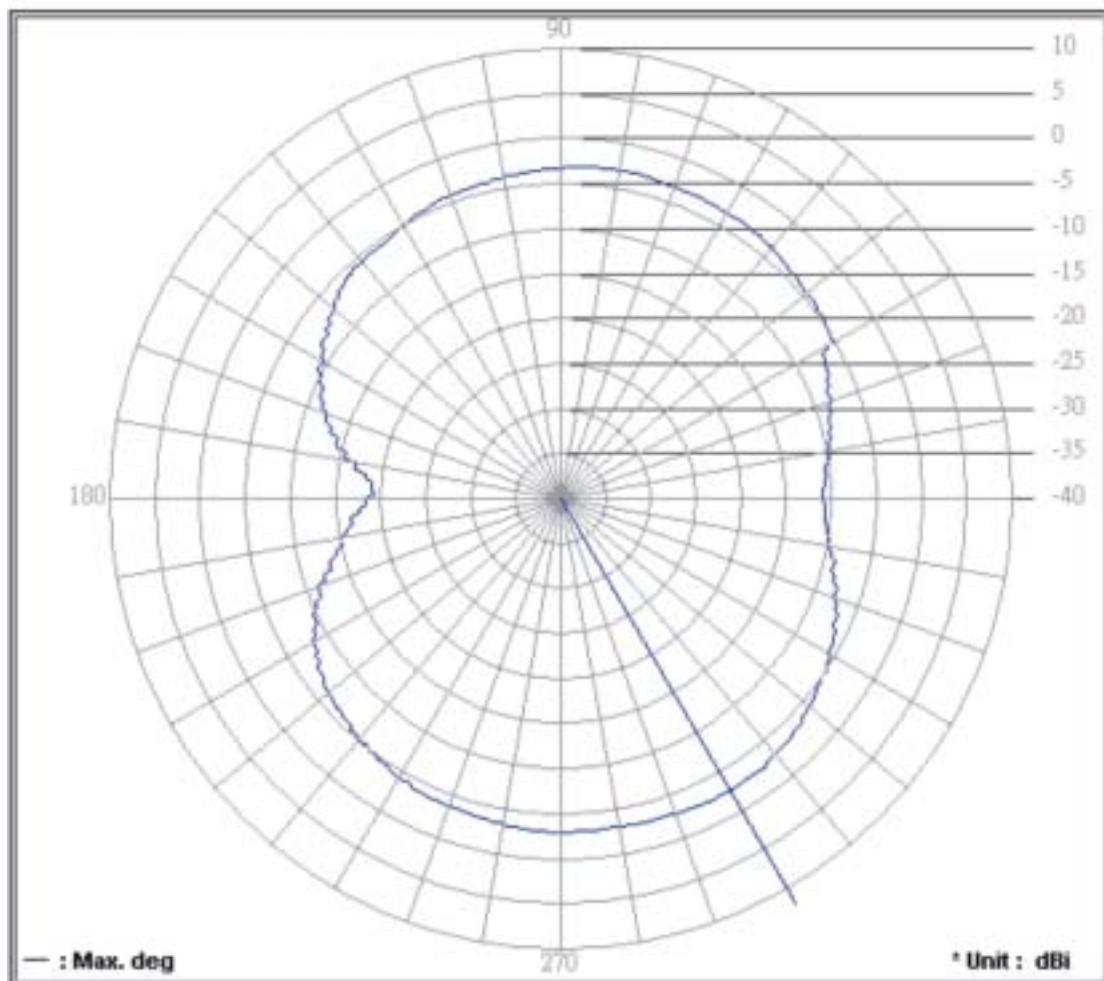
Date: 2004/3/18

Time: 下午 09:26:56

Temperatuer (°C): 20

Humidity (%): 60

Approved by:



— : Max. deg

* Unit : dBi

Frequency (MHz): 2447.00

Antenna Polarity : Vertical

Average Gain (dB): -5.26

Maximum Gain (dB): -2.58

Maximum Gain (degree): 300

Minimum Gain (dB): -19.24

Minimum Gain (degree): 178

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Brand / Model : PCMCIA
Remark : ANT1
Tested by : JASON
EUT description : HORIZONTAL

Location:

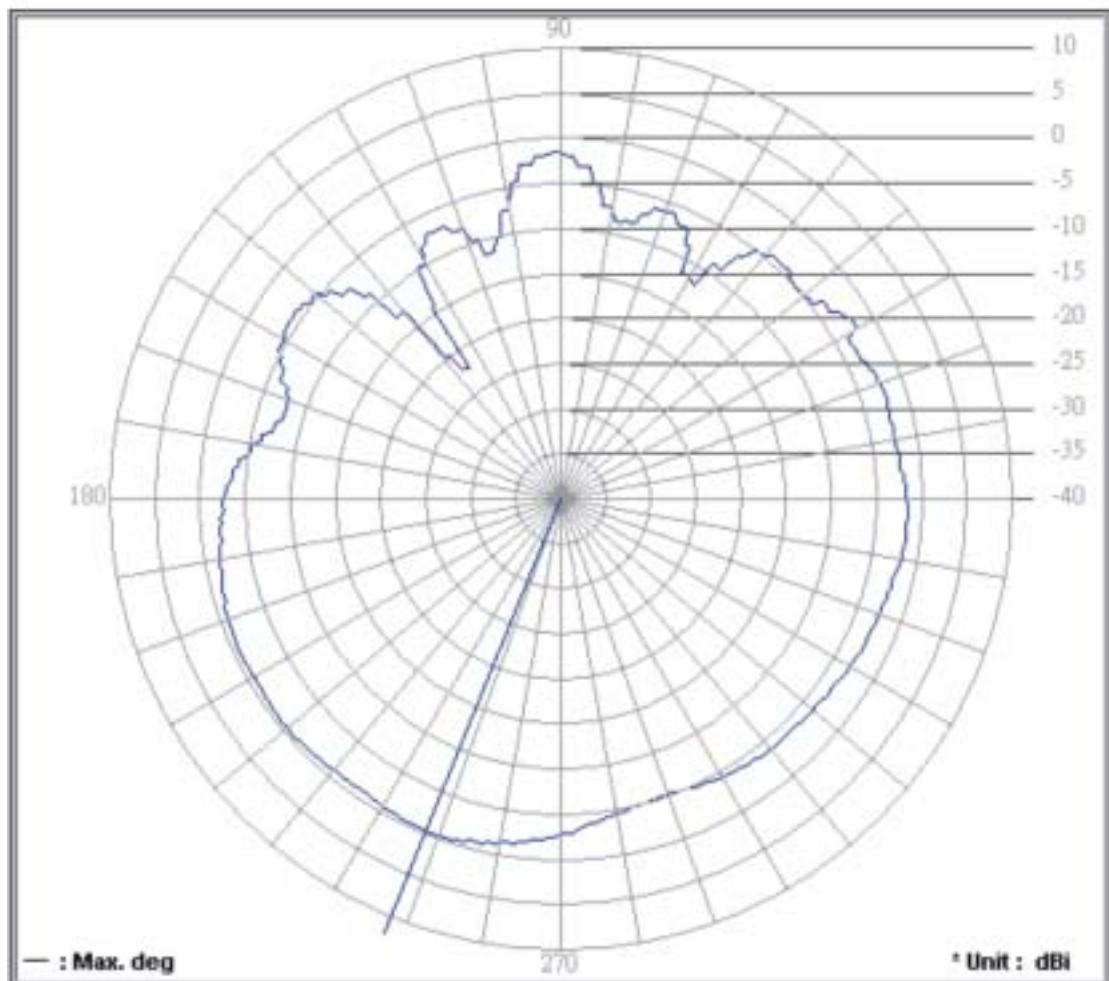
Date: 2004/3/18

Time: 下午 09:44:19

Temperatuer (°C): 20

Humidity (%): 60

Approved by:



Frequency (MHz): 2484.00

Antenna Polarity : Horizontal

Average Gain (dB): -3.20

Maximum Gain (dB): -0.23

Maximum Gain (degree): 248

Minimum Gain (dB): -22.19

Minimum Gain (degree): 125

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Brand / Model : PCMCIA

Remark : ANT1

Tested by : JASON

EUT description : VERTICAL

Location:

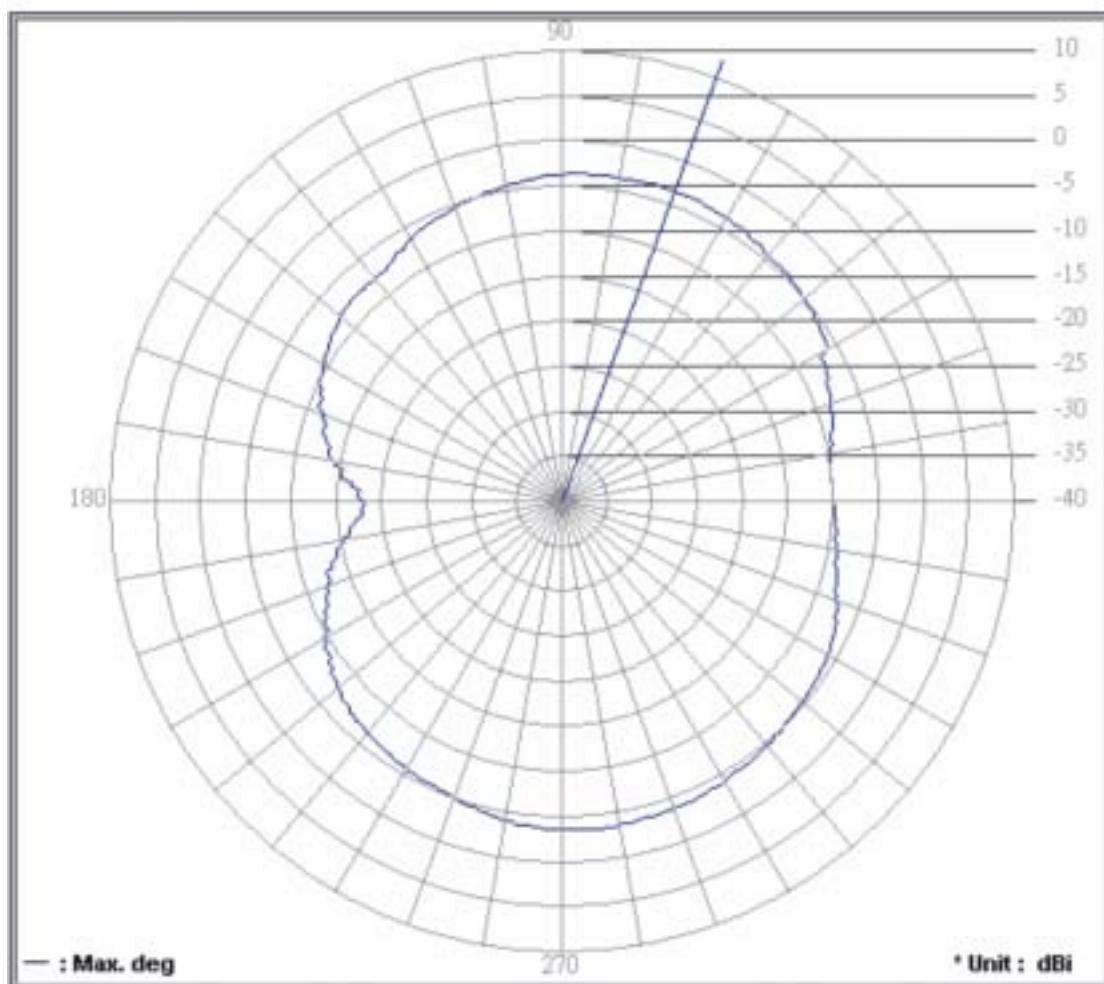
Date: 2004/3/18

Time: 下午 09:29:06

Temperatuer (°C): 20

Humidity (%): 60

Approved by:



— : Max. deg

* Unit : dBi

Frequency (MHz): 2484.00 Antenna Polarity: Vertical Average Gain (dB): -6.07

Maximum Gain (dB): -3.35 Maximum Gain (degree): 70

Minimum Gain (dB): -18.08 Minimum Gain (degree): 180

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