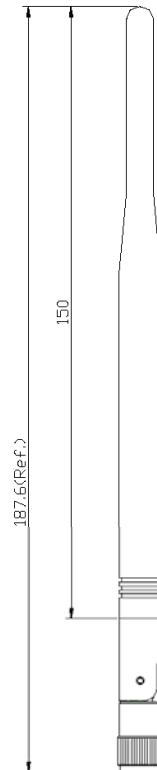


## SPECIFICATION

Part Name ..... 2.4GHz Antenna  
Part Number ..... DAT(4dBi)



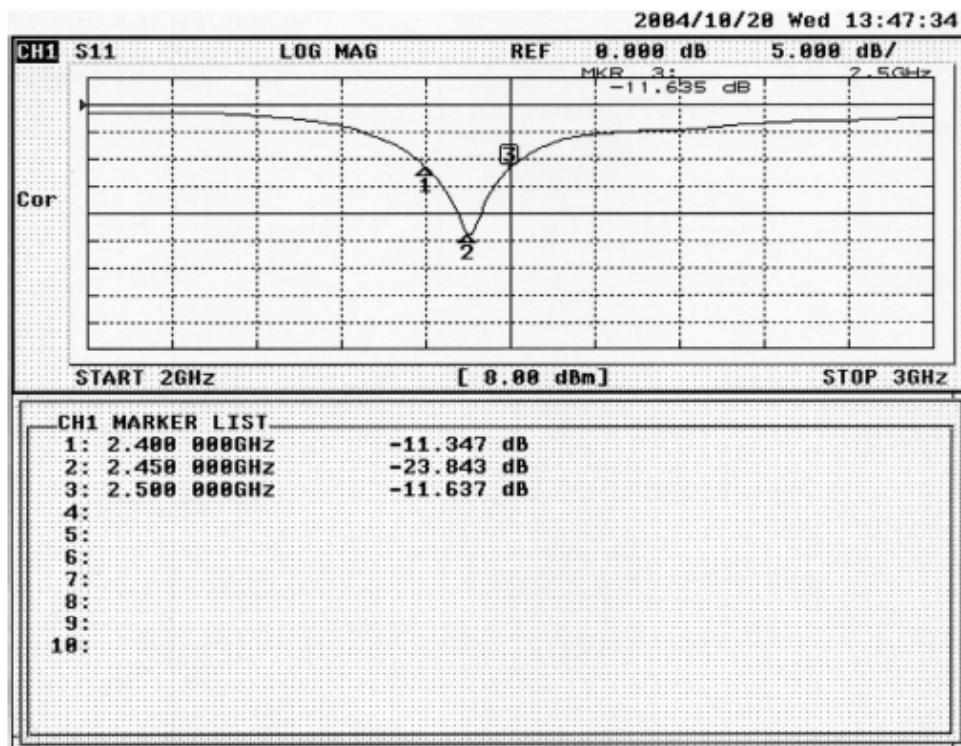
### Electrical Properties

Frequency Range	2.4~2.5GHz
Impedance	50 Ohms nominal
V.S.W.R	2.0 (Max.)
Gain	4 dbi
Polarization	Vertical
Radiation	Omni
Electrical Wave	1/4 $\lambda$ Dipole

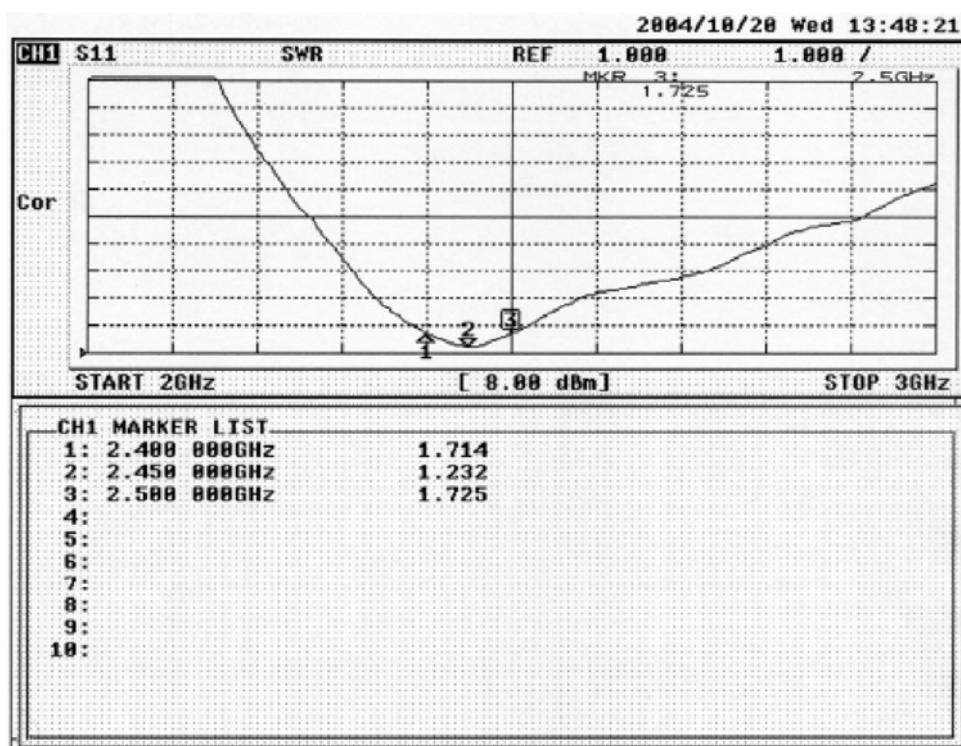
### Mechanical Properties:

Cable	RG-178
Antenna Cover	Polyurethane (TPE)
Antenna Base	Polyurethane (ABS)
Connector	SMA Plug
Color	Black
Operation Temperature	-20°C ~ +65°C
Storage Temperature	-30°C ~ +75°C

### RETURN LOSS Test Chart



### V.S.W.R Test Results





Advance Data Technology Corporation 誠信科技股份有限公司

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Tel (03) 318-3232 Fax (03) 318-5050

Tel (03) 327-0810 Fax (03) 327-0892

Tel (03) 593-5343 Fax (03) 593-5342

Brand / Model : WBC-08BK-C001

Remark :

Tested by : SHELLY

EUT description : HOR

Location: RF Chamber3

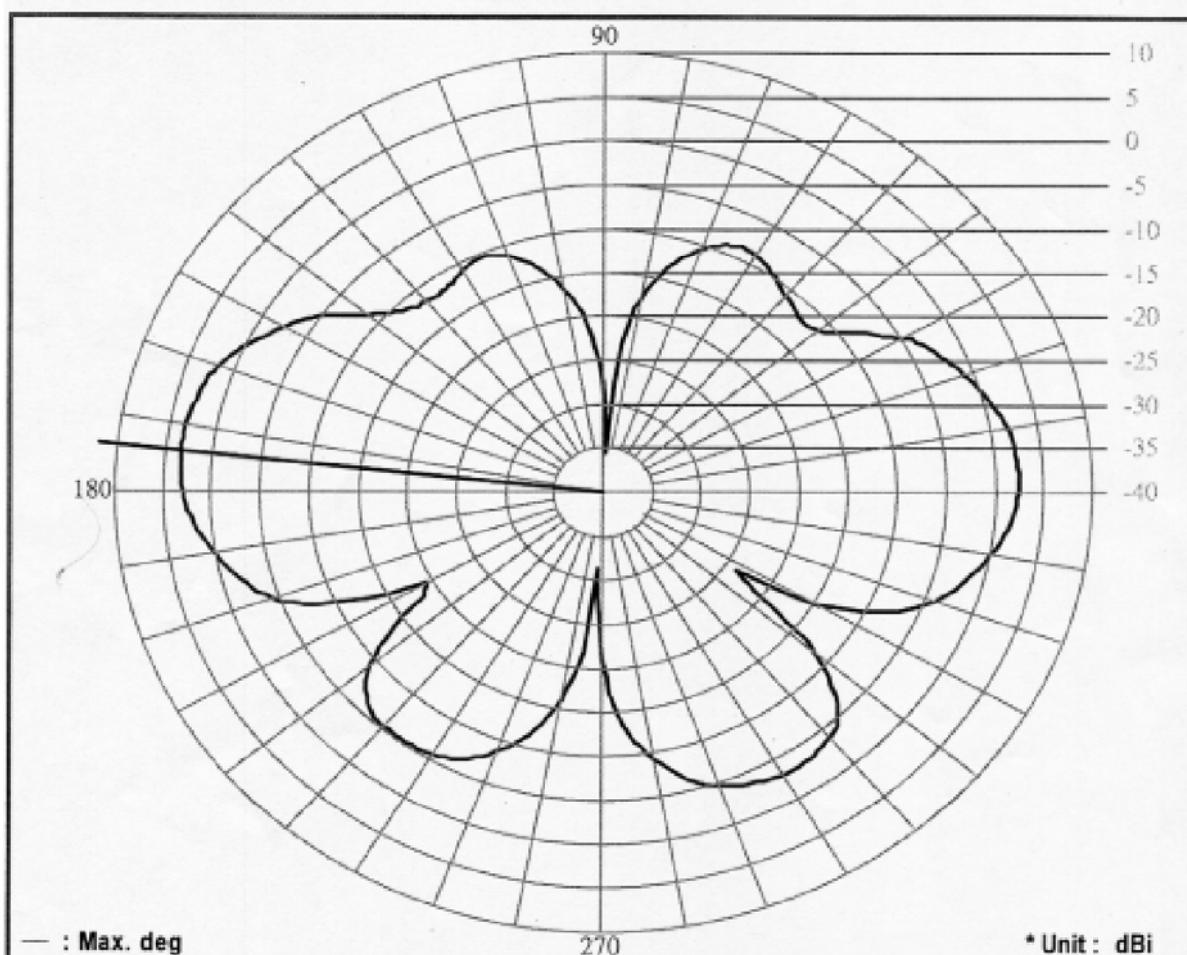
Date: 2004/9/23

Time: 19:30:24

Temperatuer (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2450.00 Antenna Polarity : Horizontal Average Gain (dB) : -3.28

Maximum Gain (dB) : 3.37 Maximum Gain (degree) : 174

Minimum Gain (dB) : -35.66 Minimum Gain (degree) : 87

C:\Antenna Pattern V5.1\Graph\0923\09230008.png



Advance Data Technology Corporation

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Tel (03) 583-5343 Fax (03) 583-5342

Brand / Model : WBC-08BK-C001

Remark :

Tested by : SHELLY

EUT description : VER

Location: RF Chamber3

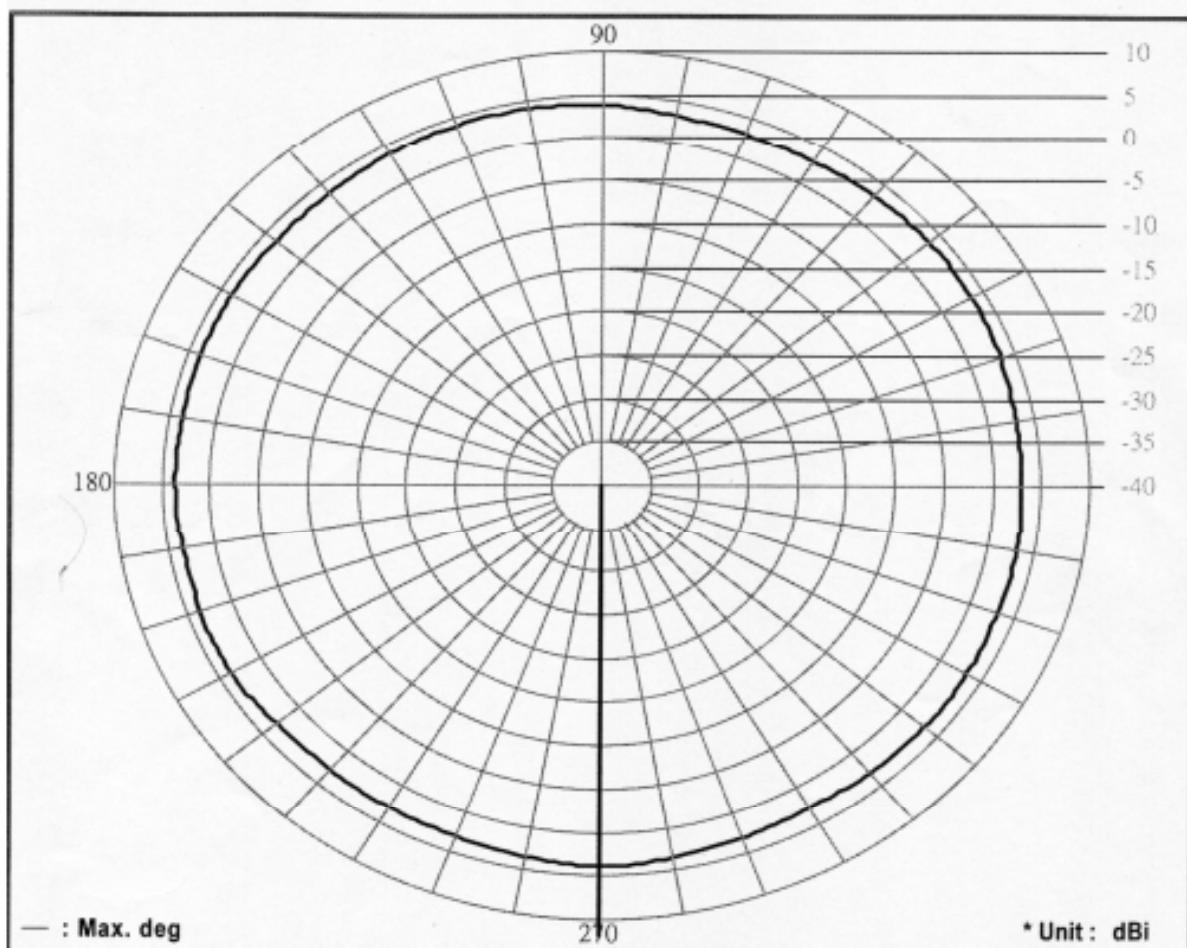
Date: 2004/9/23

Time: 19:24:40

Temperatuer (°C): 25

Humidity (%): 75

Approved by:



Frequency (MHz) : 2450.00

Antenna Polarity : Vertical

Average Gain (dB) : 3.49

Maximum Gain (dB) : 4.10

Maximum Gain (degree) : 270

Minimum Gain (dB) : 2.93

Minimum Gain (degree) : 228

C:\Antenna Pattern V5.1\Graph\0923\09230007.png