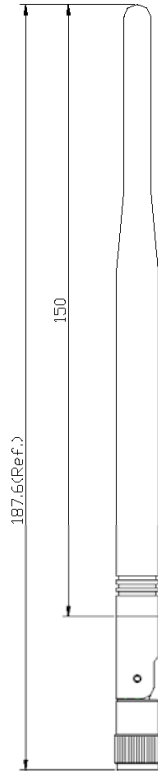


SPECIFICATION

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



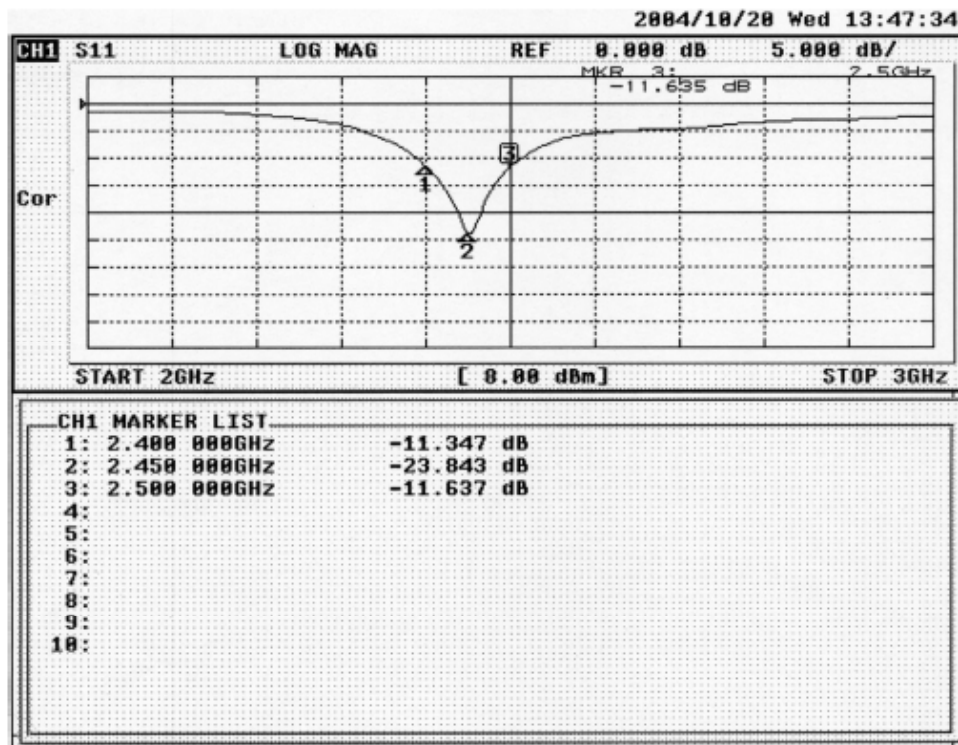
Electrical Properties

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 λ Dipole

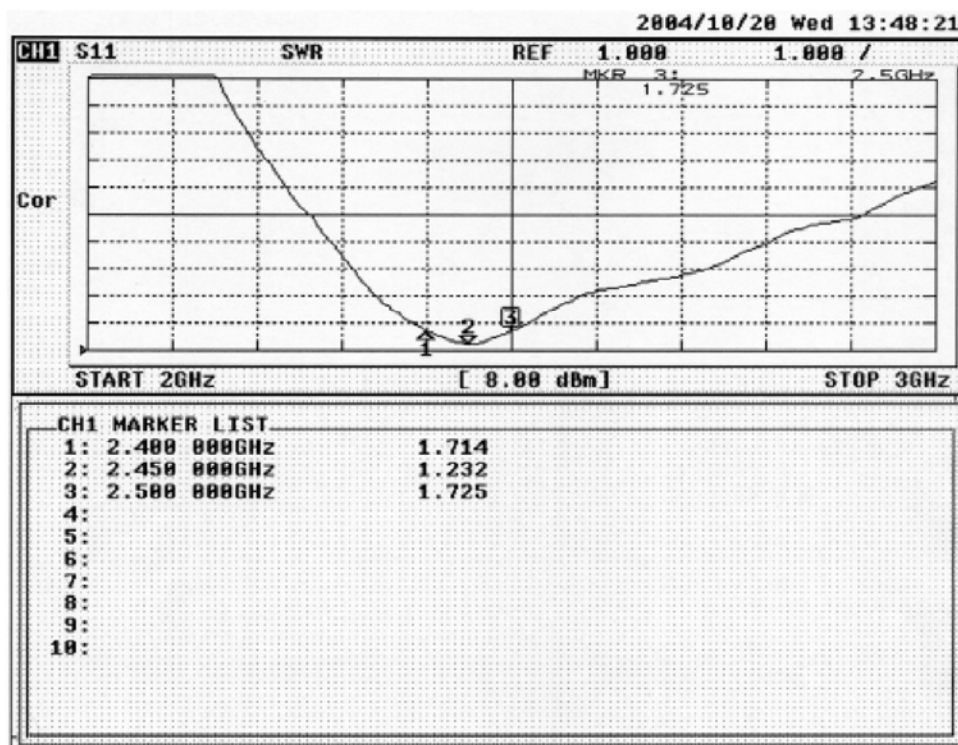
Mechanical Properties:

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

Hwa Ya Lab : No.19, Hwa Ya 2nd RD, Kueishan, Taoyuan, Taiwan, R.O.C.

<http://www.adt.com.tw/> E-mail: service@adt.com.tw

Tayuan Lab : 13-1 Lane 19, Wen Shan 3rd St., Kueishan, Taoyuan, Taiwan, R.O.C.

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

Hsinchu Lab: 81-1 Lufiaokeng, 9th Lin, Wulung Tsuen, Chunglin, Hsinchu, Taiwan, R.O.C.

Tel (03) 327-0810 Fax (03) 327-0882

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

Brand / Model : WBC-08BK-C001

Remark :

Tested by : SHELLY

EUT description : HOR

Location: **RF Chamber3**

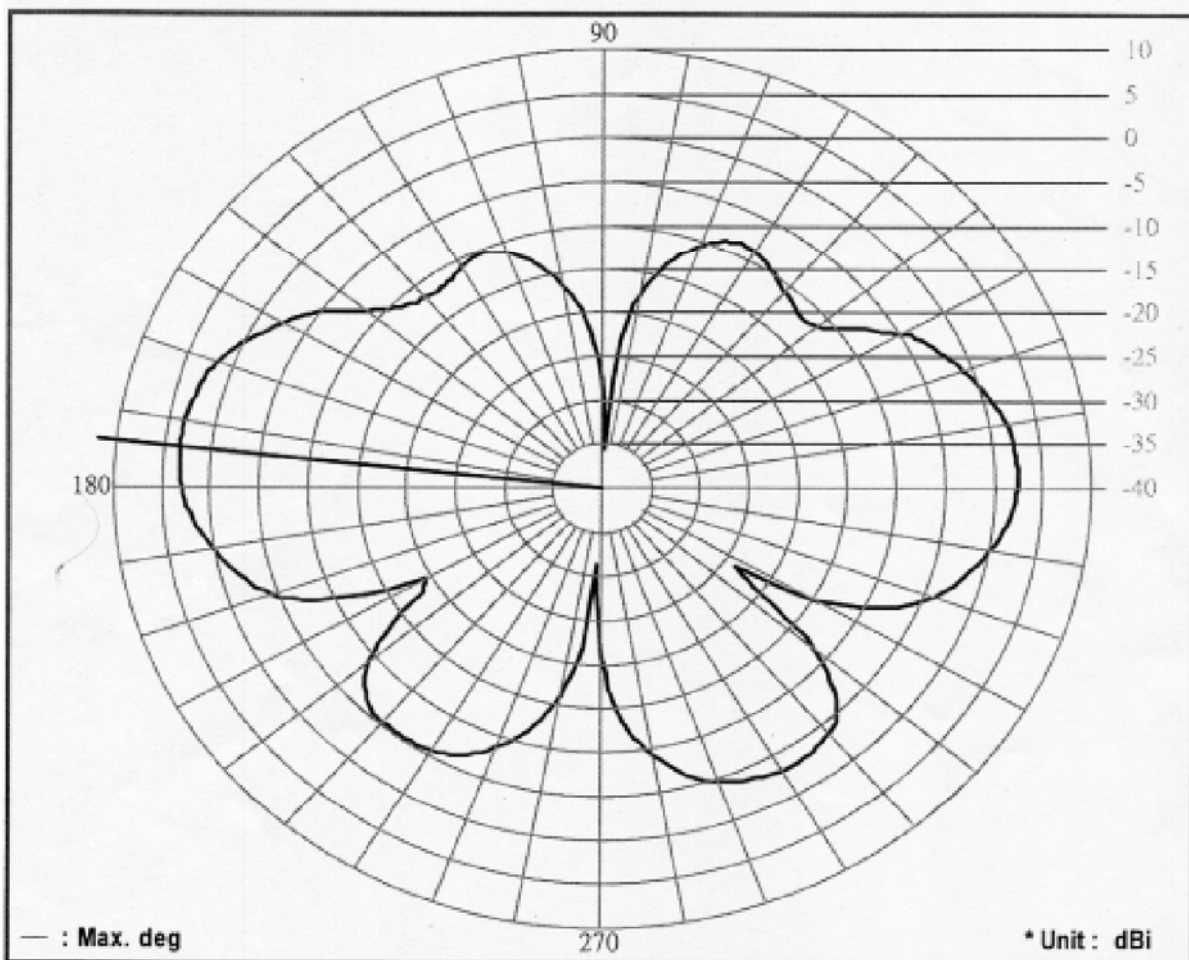
Date: **2004/9/23**

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		誠信科技股份有限公司
	Hwa Ya Lab : No.19, Hwa Ya 2nd RD, Kueishan, Taoyuan, Taiwan, R.O.C.		http://www.adt.com.tw/ E-mail: service@adt.com.tw
	Tayuan Lab : 13-1 Lane 19, Wen Shan 3rd St., Kueishan, Taoyuan, Taiwan, R.O.C.		Tel (03) 318-3232 Fax (03) 318-5050
	Hsinchu Lab: 81-1 Lufiaokeng, 9th Lin, Wulung Tsuen, Chunglin, Hsinchu, Taiwan, R.O.C.		Tel (03) 327-0910 Fax (03) 327-0892 Tel (03) 593-5343 Fax (03) 593-5342
Brand / Model : WBC-08BK-C001 Remark : Tested by : SHELLY EUT description : VER			

Location: **RF Chamber3**

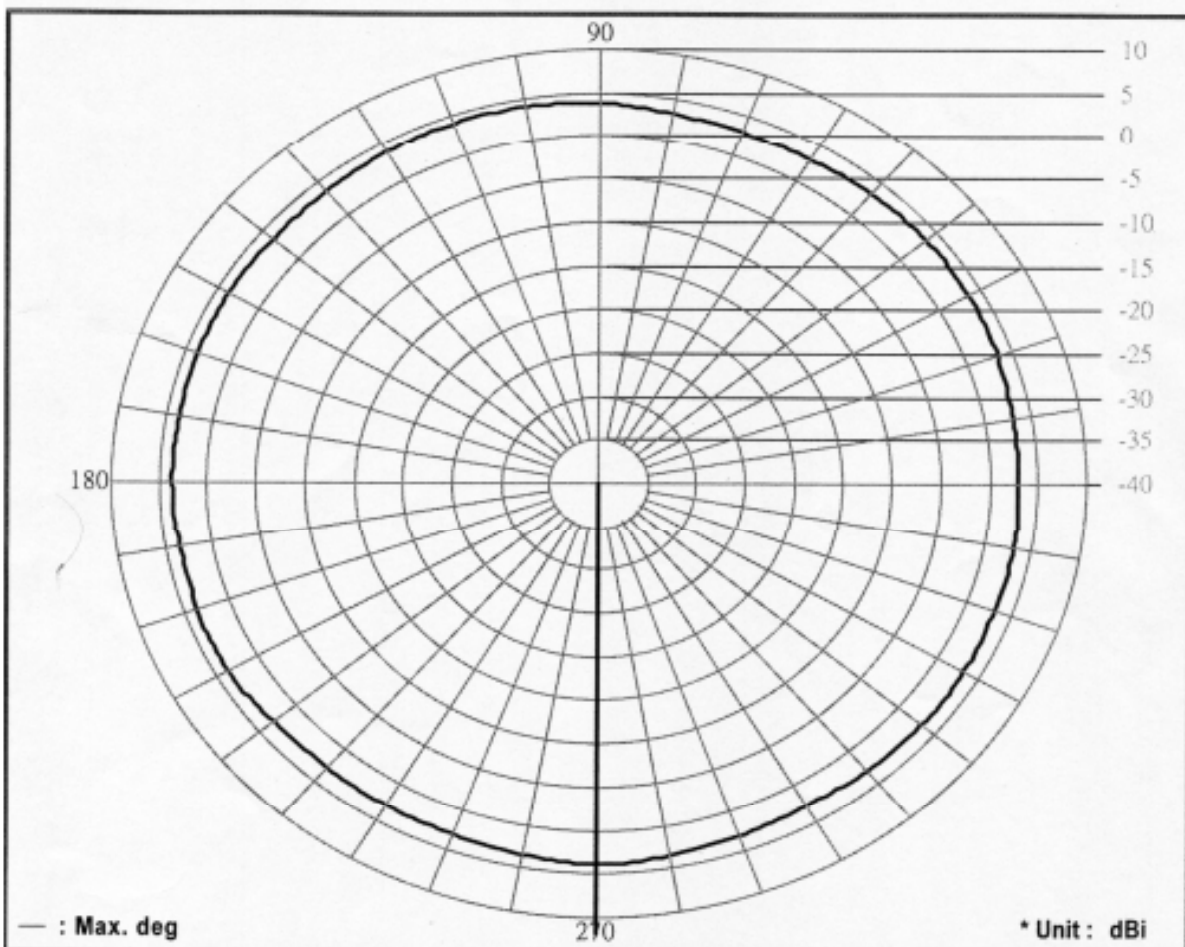
Date: **2004/9/23**

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