

Model No.: AN0800FO-S 2.4GHz 8dBi Omni Antenna w/SMA Connector
AN0800FO-T 2.4Ghz 8dBi Omni Antenna w/TNC Connector

AN0800FO is the perfect solution to extend the range and increase the signal strength of our wireless network. Configuration and setup of this antenna is easy and fast. This antenna is great for Wireless Access Points and Router that serve your wireless signal to multiple users in multiple locations.

Features

- High gain: 8 dBi
- High performance
- Low profile
- Smart and elegant style
- Versatile Mounting Design
- Light-weight



Electrical Specifications

Antenna Type	2.4GHz 8 dBi Indoor Omni Antenna
Frequency Range	2.4 ~ 2.5GHz
Network Specification	IEEE 802.11b , IEEE 802.11g , Wireless 2.4Ghz Network
Gain	8 dBi
V.S.W.R	< 2
Beam Width-H Plane	360°
Beam Width-E Plane	40°
Polarization	Vertical (Linear)
Input Impedance	50 Ohms
Connector	Reverse SMA
Operation Temperature	-20°C - + 70°C
Storage Temperature	-30°C - +85°C
Humidity	95% maximum (non-condensing)

Package Content

High-Gain Wireless Omni Antenna with Cable and Reverse SMA	1 Set
Quick Installation Guide	1 pc



CCS WUGU Antenna Pattern

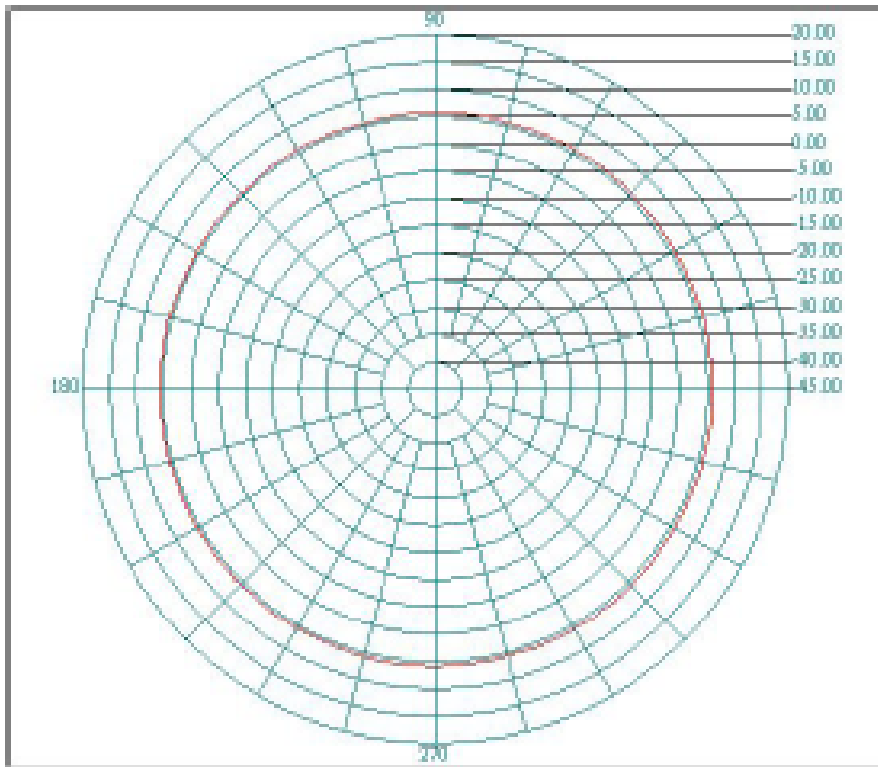
Job No.:1104--109-A1

Date:2004/11/4

Time:PM 06:20

Temp.($^{\circ}$ C)/Hum.(%):25 $^{\circ}$ C/70%

Tested by: ERIC



Center freq.(MHZ): 2400

Polarization : H Plane

Max gain(dBi):6.00

Min gain(dBi):5.53

Avg gain(dBi):5.79

ANTENNA A1

SMA Connector & Cable loss: 0.8 dB

Antenna element real gain:

Max gain(dBi):6.80

Min gain(dBi):6.33

Avg gain(dBi):6.59

1104--109-A1



CCS WUGU Antenna Pattern

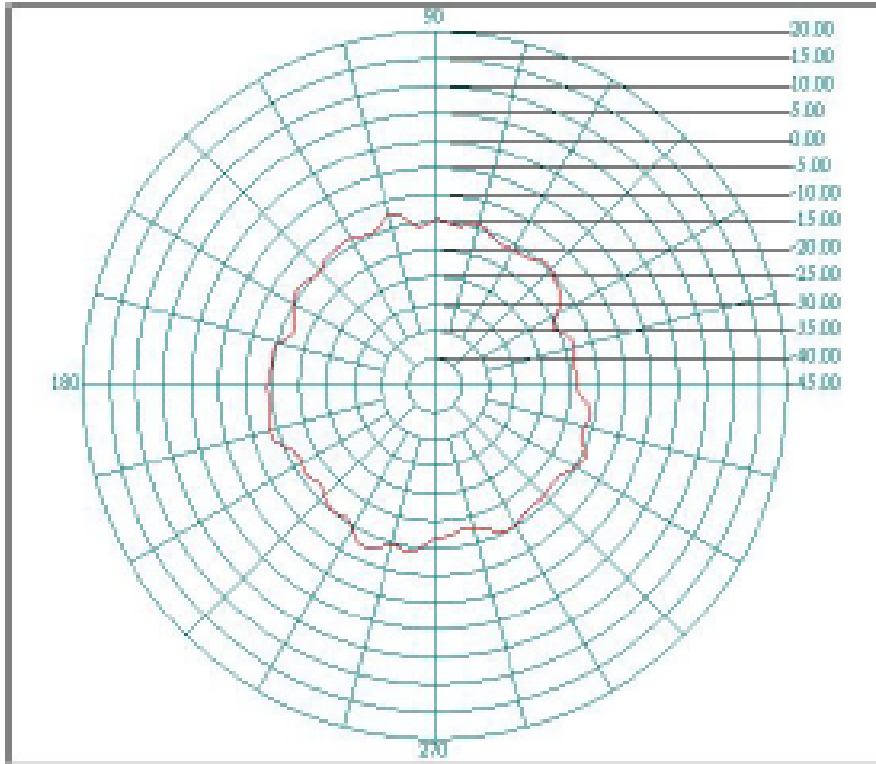
Job No.:1104--110-A1

Date:2004/11/4

Time:PM 06:22

Temp.(°C)/Hum.(%):25°C/70%

Tested by: ERIC



Center freq.(MHZ): 2400

Polarization : E Plane

Max gain(dBi):-12.48

Min gain(dBi):-20.50

Avg gain(dBi):-15.43

ANTENNA A1

SMA Connector & Cable loss: 0.8 dB

Antenna element real gain:

Max gain(dBi):-11.28

Min gain(dBi):-19.30

Avg gain(dBi):-14.23

1104--109-A1



CCS WUGU Antenna Pattern

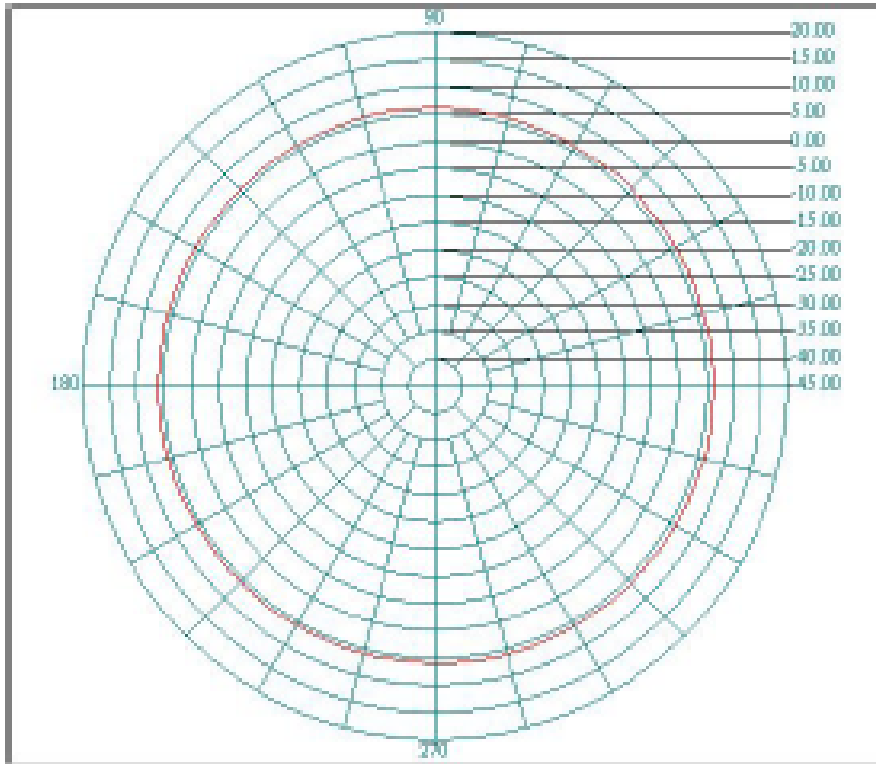
Job No.:1104--111-A1

Date:2004/11/4

Time:PM 06:25

Temp.(°C)/Hum.(%):25°C/70%

Tested by: ERIC



Center freq.(MHZ): 2450

Polarization : H Plane

Max gain(dBi):6.34

Min gain(dBi):5.80

Avg gain(dBi):6.07

ANTENNA A1

SMA Connector & Cable loss: 0.8 dB

Antenna element real gain:

Max gain(dBi):7.14

Min gain(dBi):6.60

Avg gain(dBi):6.87



CCS WUGU Antenna Pattern

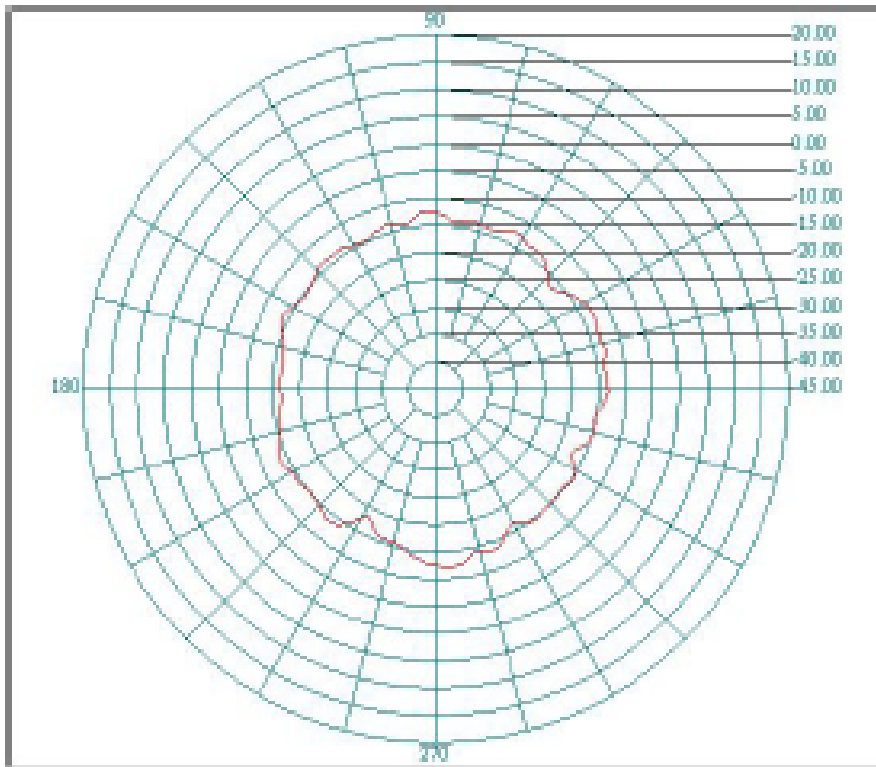
Job No.:1104--112-A1

Date:2004/11/4

Time:PM 06:27

Temp.(°C)/Hum.(%):25°C/70%

Tested by: ERIC



Center freq.(MHZ): 2450

Polarization : E Plane

Max gain(dBi):-12.21

Min gain(dBi):-18.26

Avg gain(dBi):-14.40

ANTENNA A1

SMA Connector & Cable loss: 0.8 dB

Antenna element real gain:

Max gain(dBi):-11.01

Min gain(dBi):-17.06

Avg gain(dBi):-13.20

1104--109-A1



CCS WUGU Antenna Pattern

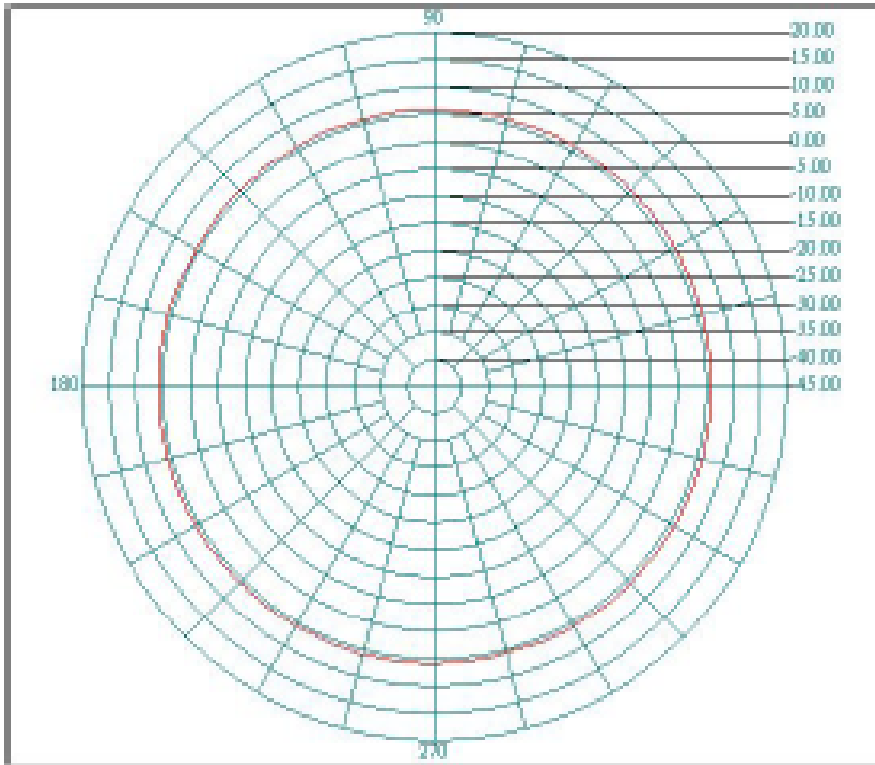
Job No.:1104--113-A1

Date:2004/11/4

Time:PM 06:29

Temp.(°C)/Hum.(%):25°C/70%

Tested by: ERIC



Center freq.(MHZ): 2500

Polarization : H Plane

Max gain(dBi):6.21

Min gain(dBi):5.58

Avg gain(dBi):5.95

ANTENNA A1

SMA Connector & Cable loss: 0.8 dB

Antenna element real gain:

Max gain(dBi):7.01

Min gain(dBi):6.38

Avg gain(dBi):6.75



CCS WUGU Antenna Pattern

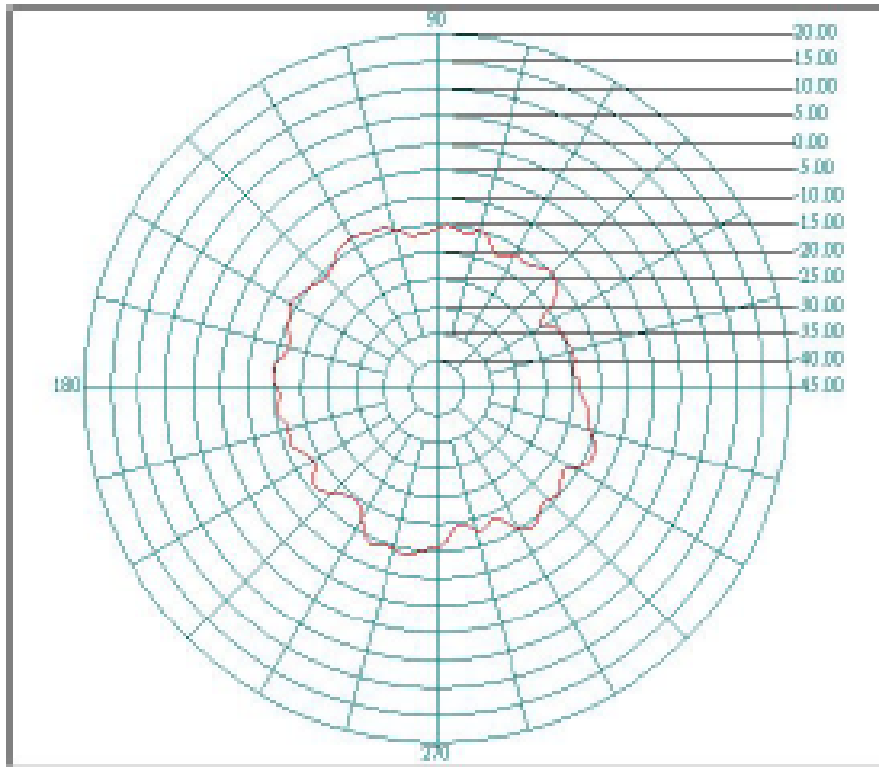
Job No.:1104--114-A1

Date:2004/11/4

Time:PM 06:31

Temp.(°C)/Hum.(%):25°C/70%

Tested by: ERIC



Center freq.(MHZ): 2500

Polarization : E Plane

Max gain(dBi):-13.19

Min gain(dBi):-22.64

Avg gain(dBi):-16.07

ANTENNA A1

SMA Connector & Cable loss: 0.8 dB

Antenna element real gain:

Max gain(dBi):-12.39

Min gain(dBi):-21.84

Avg gain(dBi):-15.27



SMA Connector & Cable Loss Test:

