DB499-C

Yagi Antenna

Decibel®
Base Station Antennas

- Rugged, heavy-duty designs for years of trouble-free service
- Enclosed driven element protects against icing, water penetration and corrosion
- Unique mounts allows vertical or horizontal polarization
- Easily phased together for traditional gain

ELECTRICAL

Frequency (MHz) :	824 - 896
Polarization :	Vertical
Gain (dBd/dBi) :	10/12.1
Azimuth BW (Deg.):	60
Elevation BW (Deg.):	30
Beam Tilt (Deg.):	0
Front-To-Back Ratio* (dB) :	15
VSWR :	<1.5:1
Max. Input Power (Watts) :	150
Impedance (Ohms) :	50
Lightning Protection :	DC Ground

MECHANICAL

Weight :	2.2 kg (5 lb)
Dimensions (LxWxD) :	775 x 152 x 25 mm (30.5 x 6 x 1 in)
Max. Wind Speed :	201 km/h (125 mph)
Hardware Material :	Galvanized Steel
Connector Type :	N - Type Female (1, Bottom)
Color :	Gold
Standard Mounting Hardware :	V-Bolts

Andrew Corporation
2601 Telecom Parkway
Richardson, Texas U.S.A 75082-3521
Tel: 214.631.0310

Fax: 214.631.4706
Toll Free Tel: 1.800.676.5342
Fax: 1.800.229.4706
www.andrew.com

* - Indicates Typical

4/24/2007

dbtech@andrew.com

Information correct at date of issue but may be subject to change without notice.

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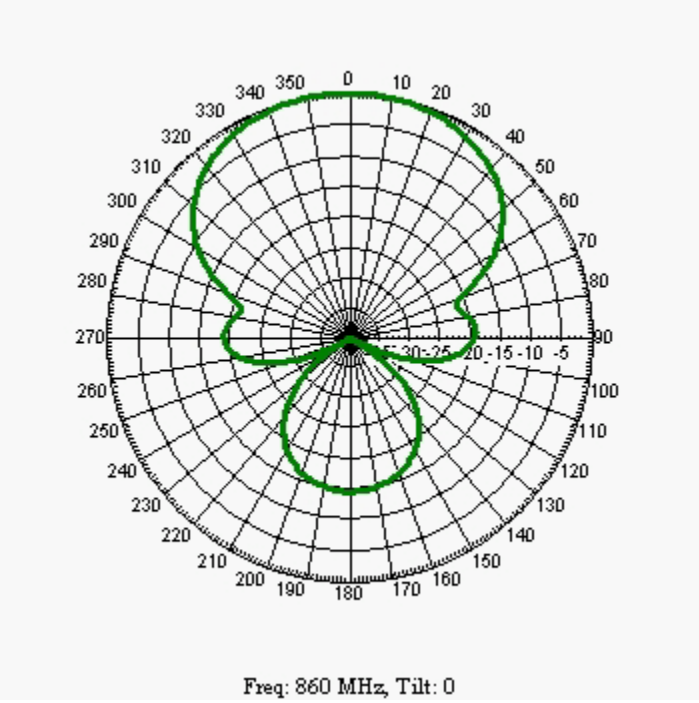
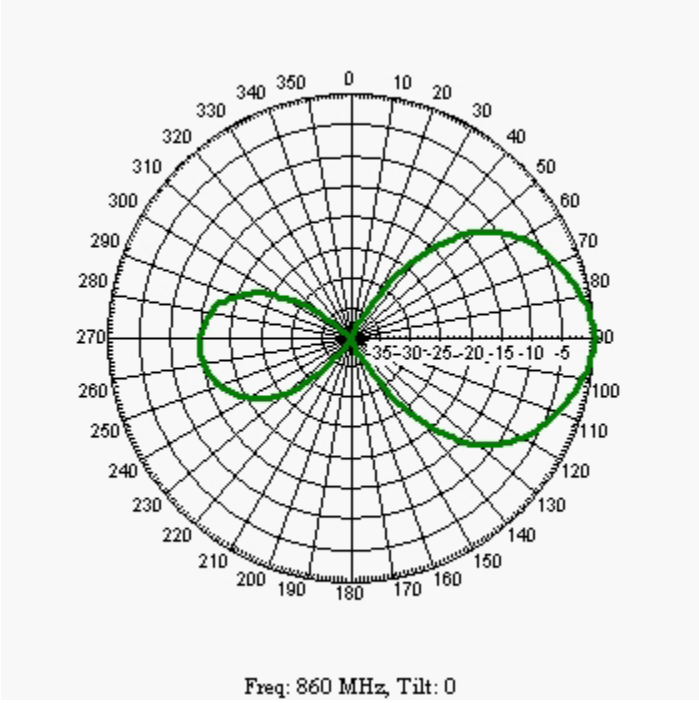
AZIMUTH PATTERN



Freq: 860 MHz, Tilt: 0

ELEVATION PATTERN



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