



Engineering Data Sheet

Part #: AIR-ANT1728 (Ceiling Mount)

Part #: AIR-ANT3213 (Mast Mount)

5 dBi, Diversity Omni-directional

Specifications:

Frequency Range2.5 GHz

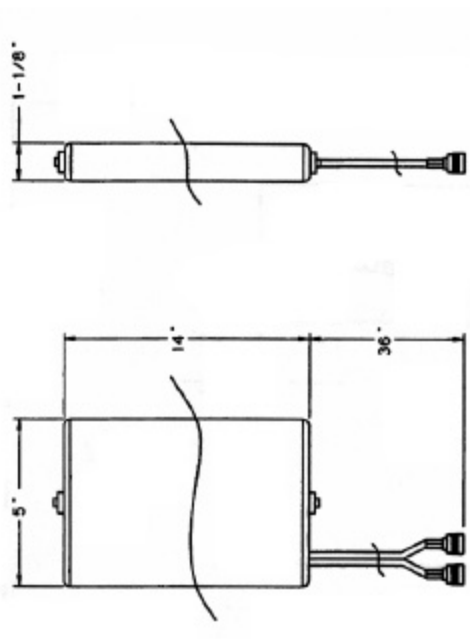
VSWR <2:1

Nominal Impedance50 ohms

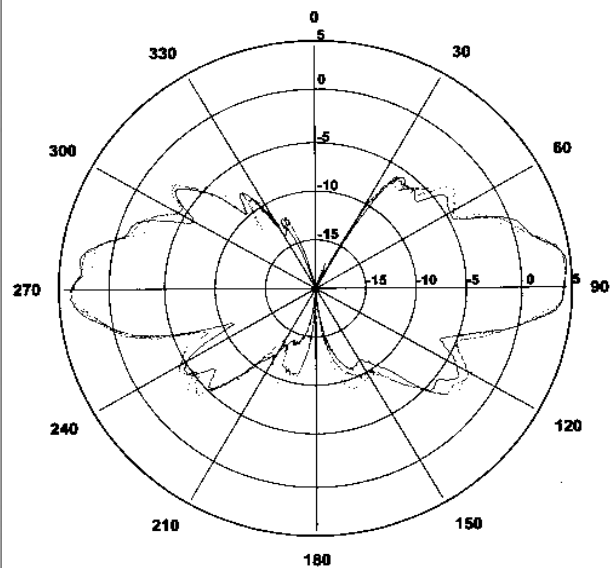
Gain5 dBi Nominal

Coax.....6" Dual 50 Ohm Low LossRG58

Coax TerminationTNC Reverse Polarity Plug



Elevation Pattern



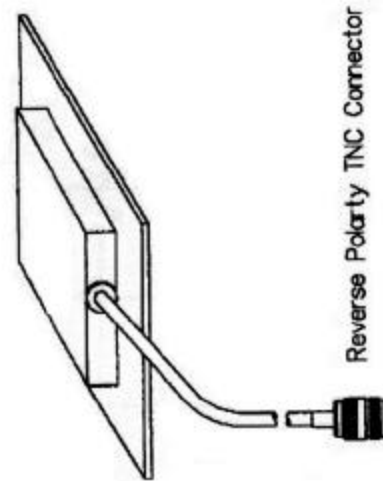


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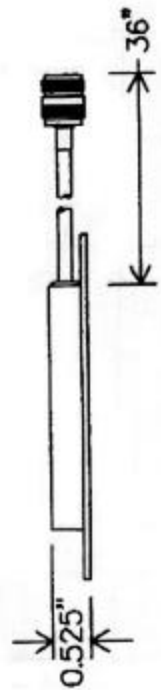
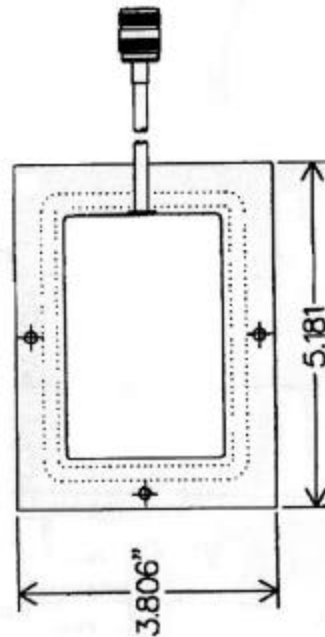
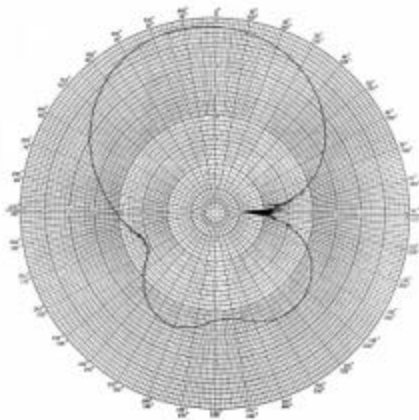
Part #: AIR-ANT1729 **6 dBi, Patch Antenna**

Specifications:

Frequency Range2.4 - 2.5 GHz
VSWR1.5:1
Gain6 dBi
Front to back Ratio18dB
Termination.....Rev. TNC and RG-58
Height.....0.525"
Width.....3.806"
Length.....5.181"
MaterialABS Plastic



E plane and H plane



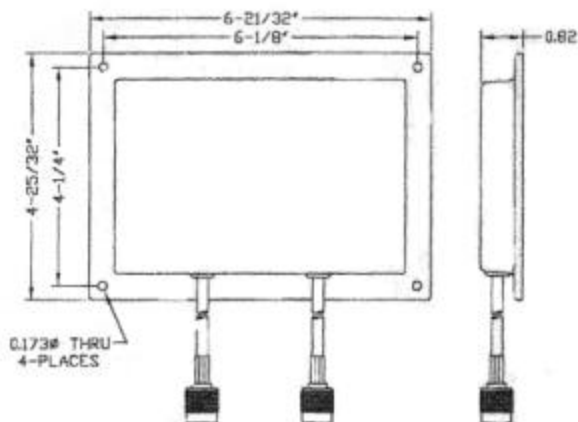
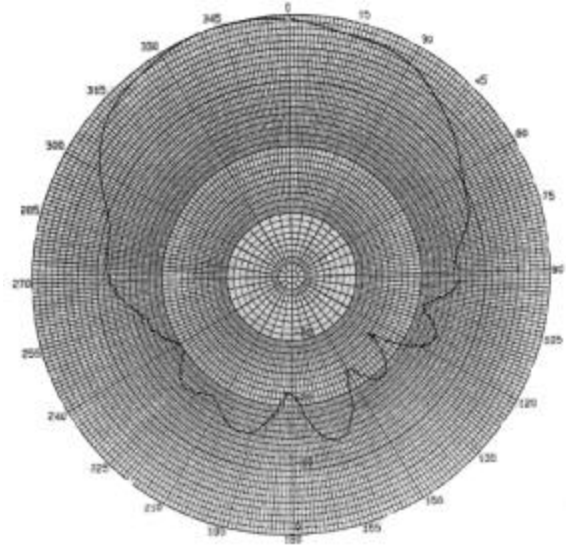


Engineering Data Sheet

Part #: AIR-ANT2012 **2.4 GHz Spatial Diversity** **Directional Antenna**

Specifications:

Frequency Range2.4-2.5 GHz
VSWR1.7:1
Nominal Impedance50 ohms
Gain6.5 dBi Nominal
PolarizationVertical Linear
Coax.....Dual Low Loss RG58
Coax TerminationTNC Rev. Pol. Plug
Weight.....9.6oz
Power.....10 Watts
Length6-21/32'



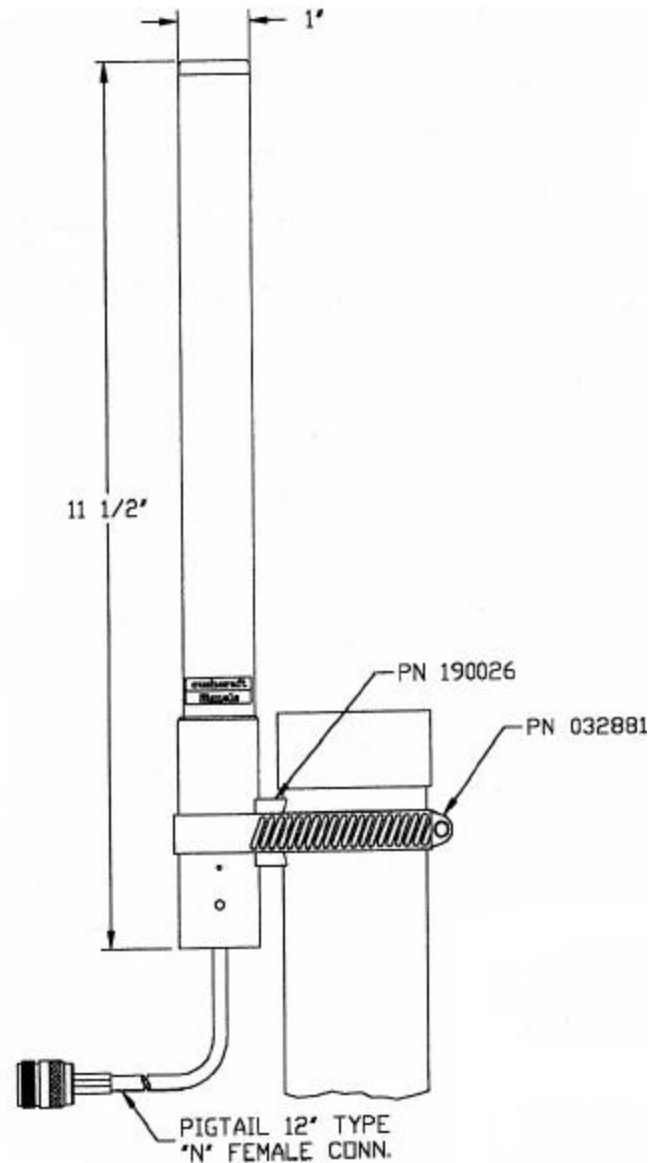
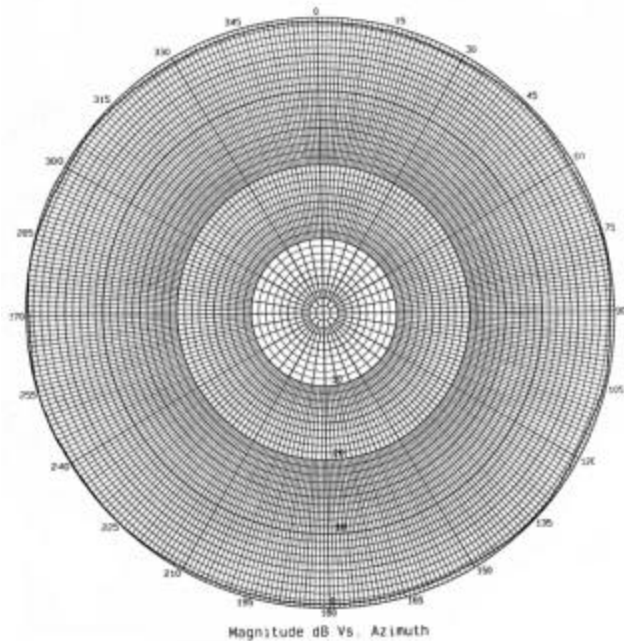


Engineering Data Sheet

Part #: AIR-ANT2506 **3 dBd, Omni-directional** **Antenna**

Specifications:

Frequency Range2.4 –2.5 GHz
VSWR1.5:1
Nominal Impedance50 ohms
Gain3 dBd Nominal
E-Plane 3dB Beamwidth.....38 Degrees
Max Power.....50 Watts
MaterialPolycarbonate
PackageOutdoor
Coax.....36" RG58
Coax TerminationTNC Rev. Pol. Plug



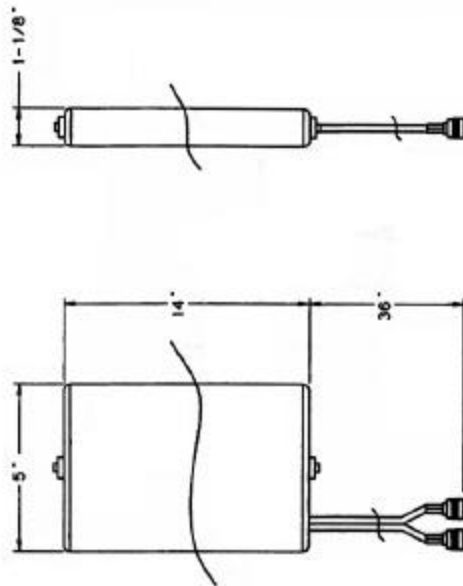


Engineering Data Sheet

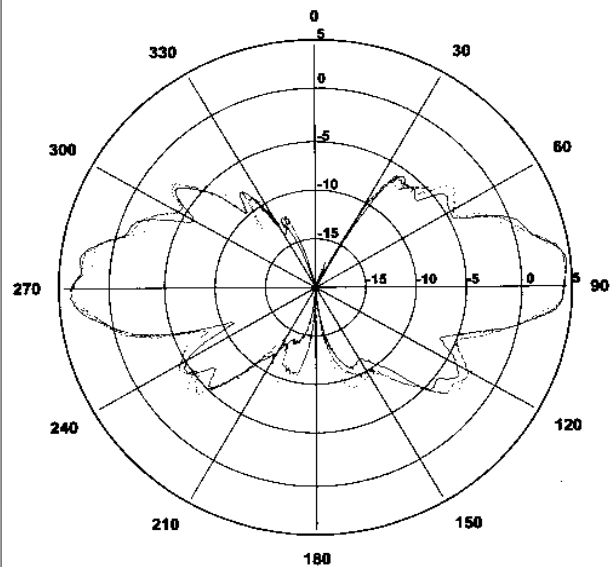
Part #: AIR-ANT3213 **5 dBi, Diversity Omni-directional**

Specifications:

Frequency Range2.5 GHz
VSWR<2:1
Nominal Impedance50 ohms
Gain5 dBi Nominal
Coax.....6" Dual 50 Ohm Low LossRG58
Coax TerminationTNC Reverse Polarity Plug



Elevation Pattern

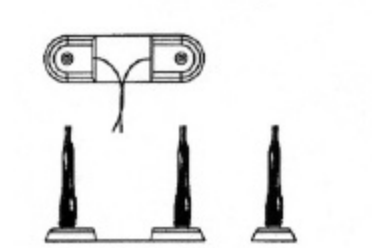




Engineering Data Sheet

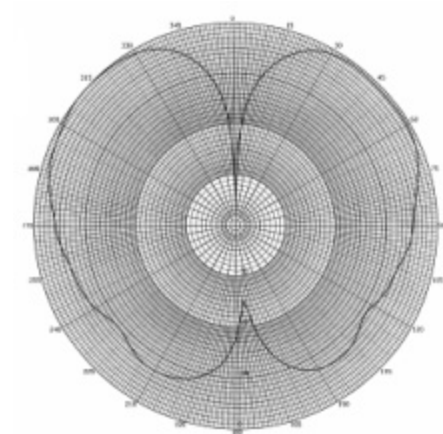
Part #: AIR-ANT3351 *Omni-directional Antenna Assembly, Positive Diversity*

Outline Drawing of Part::



Specifications:

Frequency Range2.4-2.5 GHz
VSWR1.5:1
Power.....10-Watt Max
Gain3.5 dBi
Elev. Plane 3 dB B.W.45 Degrees (Peak at 53)
PolarizationVertical Linear
Termination.....Reverse TNC 36" of RG-58
Weight.....4.8 oz



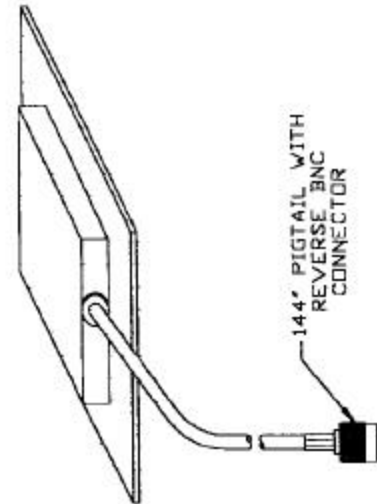


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Part #: AIR-ANT3549 8.5 dBi, Patch Antenna

Specifications:

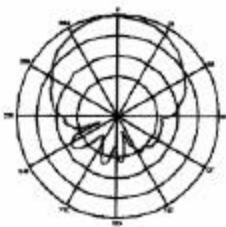
Frequency Range2.4 –2.5 GHz
 VSWR1.5:1
 Nominal Impedance50 ohms
 Gain8.5 dBi Nominal
 E-Plane 3dB Beamwidth.....55 Degrees
 H-Plane 3dB Beamwidth.....60 Degrees
 PolarizationLinear
 Coax.36" RG-58
 Coax TerminationTNC Rev. Pol.
 Environment.....Indoors/Outdoors



Typical Antenna Patterns

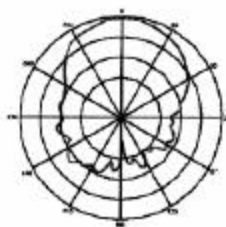
Azimuth Plane

(cut perpendicular to the antenna and perpendicular to the cable)

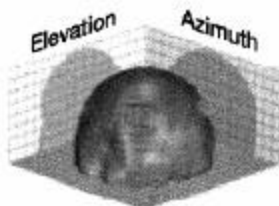


Elevation Plane

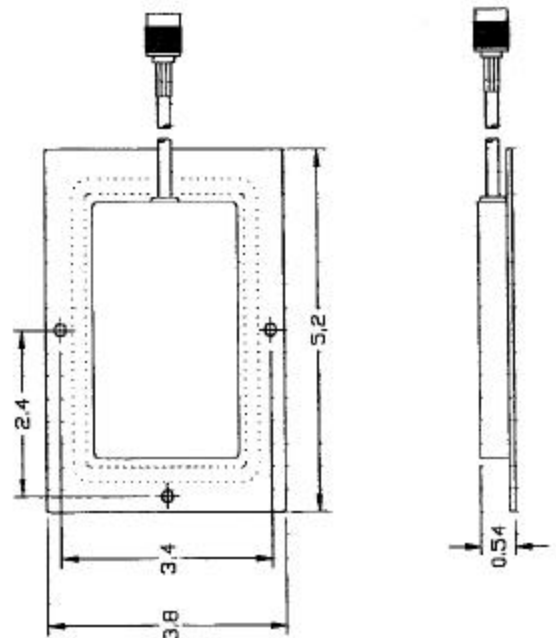
(cut perpendicular to the antenna along the cable axis)



Spherical Projection



As shown in these typical antenna patterns, the Whisper antenna offers excellent high-gain reception over a broad area.



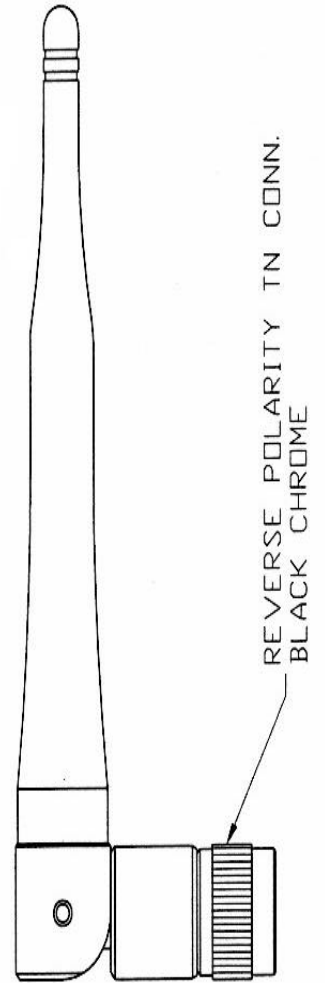
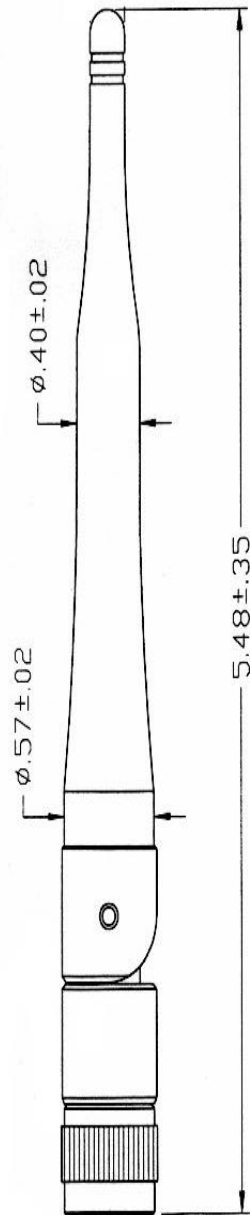
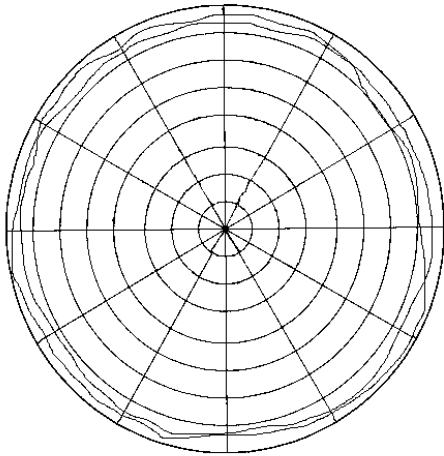


Engineering Data Sheet

Part #: AIR-ANT4941 **2.2 dBi, Low Profile** **Dipole Antenna**

Specifications:

Frequency Range2.45-2.4835 GHz
VSWR1.5:1
Nominal Impedance50 ohms
Gain2.2 dBi Nominal
PolarizationVertical
Termination.....TNC Rev. Pol. Plug



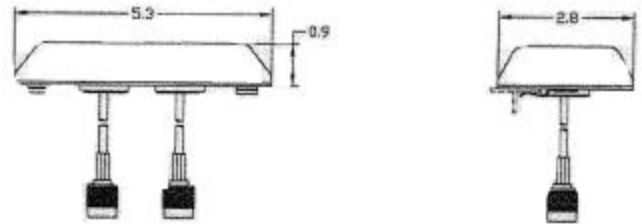


Engineering Data Sheet

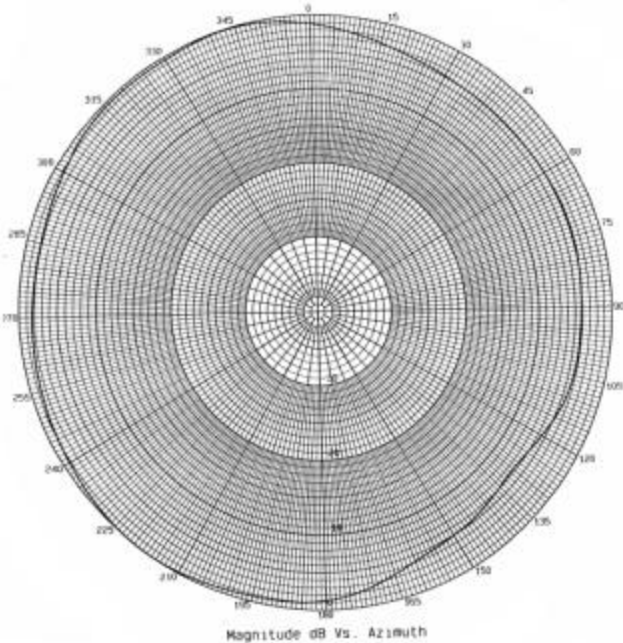
Part #: AIR-ANT5959 **2.4 GHz, 2dBi Integrated** **Omnidirectional Diversity** **Antennas**

Specifications:

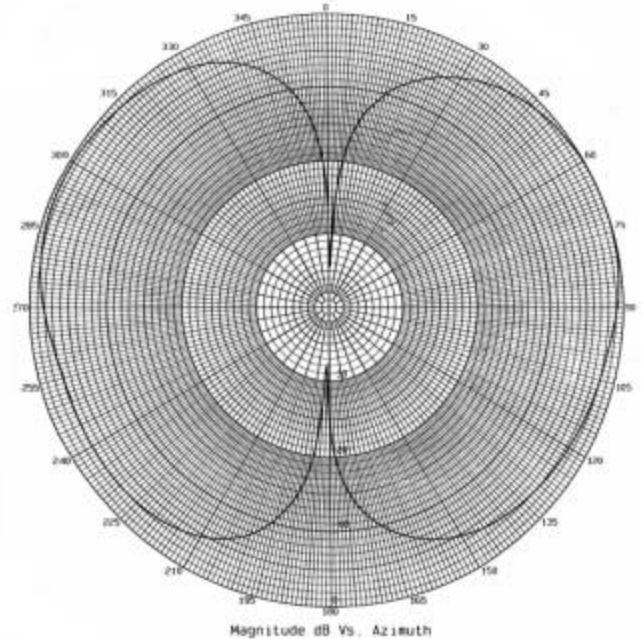
Frequency Range2.4 - 2.5 GHz
VSWR1.7:1
Power.....5 Watts
Gain2 dBi
Polarization Vertical Linear
Azimuth Plane Beamwidth.....Omni Directional
Elevation Plane 3dB BW.....80 Degrees
Antenna Connector.....Reverse TNC (2X)



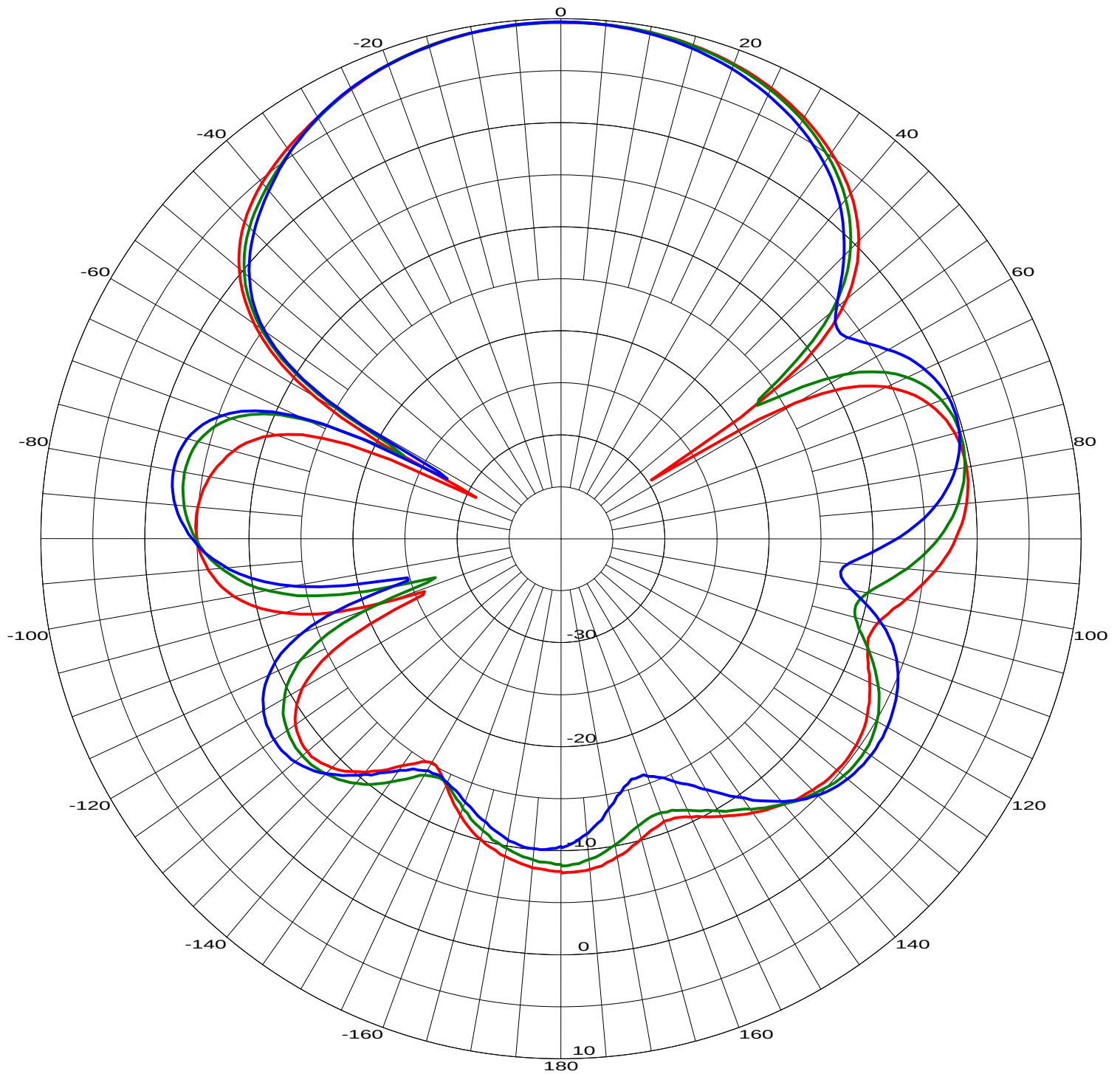
H-Plane



E-Plane



2409AB Yagi
AZIMUTH Pattern



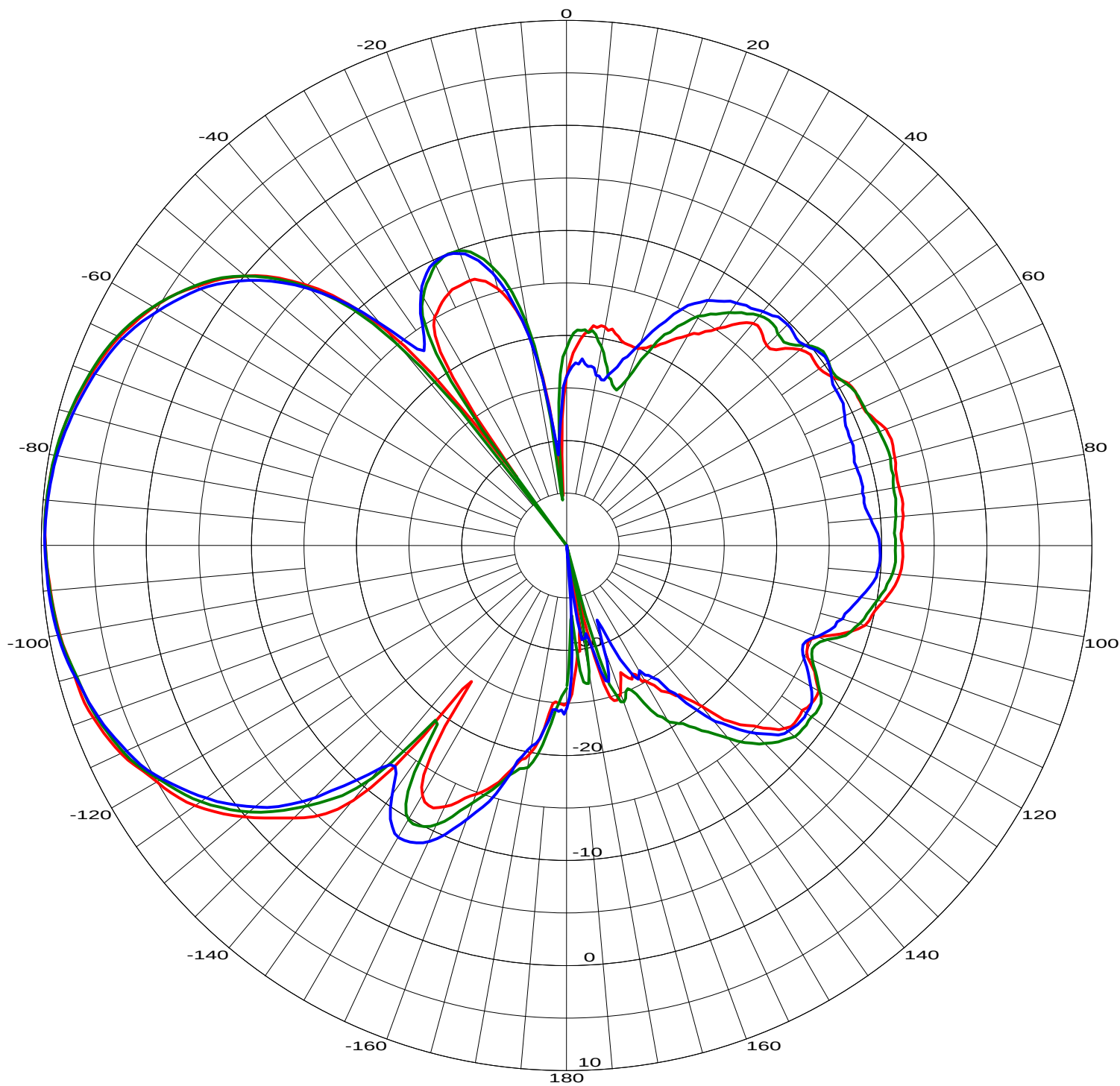
Frequency List

Freq: 2.400 GHz ———
Freq: 2.441 GHz ———
Freq: 2.483 GHz ———

Telex Communications, INC.
8601 E. Cornhusker Hwy
Lincoln, NE 68507

Phone: (402) 467-5321
Fax: (402) 467-3279

2409AB Yagi
ELEVATION Pattern



Frequency List

Freq: 2.400 GHz —
Freq: 2.441 GHz —
Freq: 2.483 GHz —

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