

BASE STATION ANTENNAS

924-70-5.5-43F*2

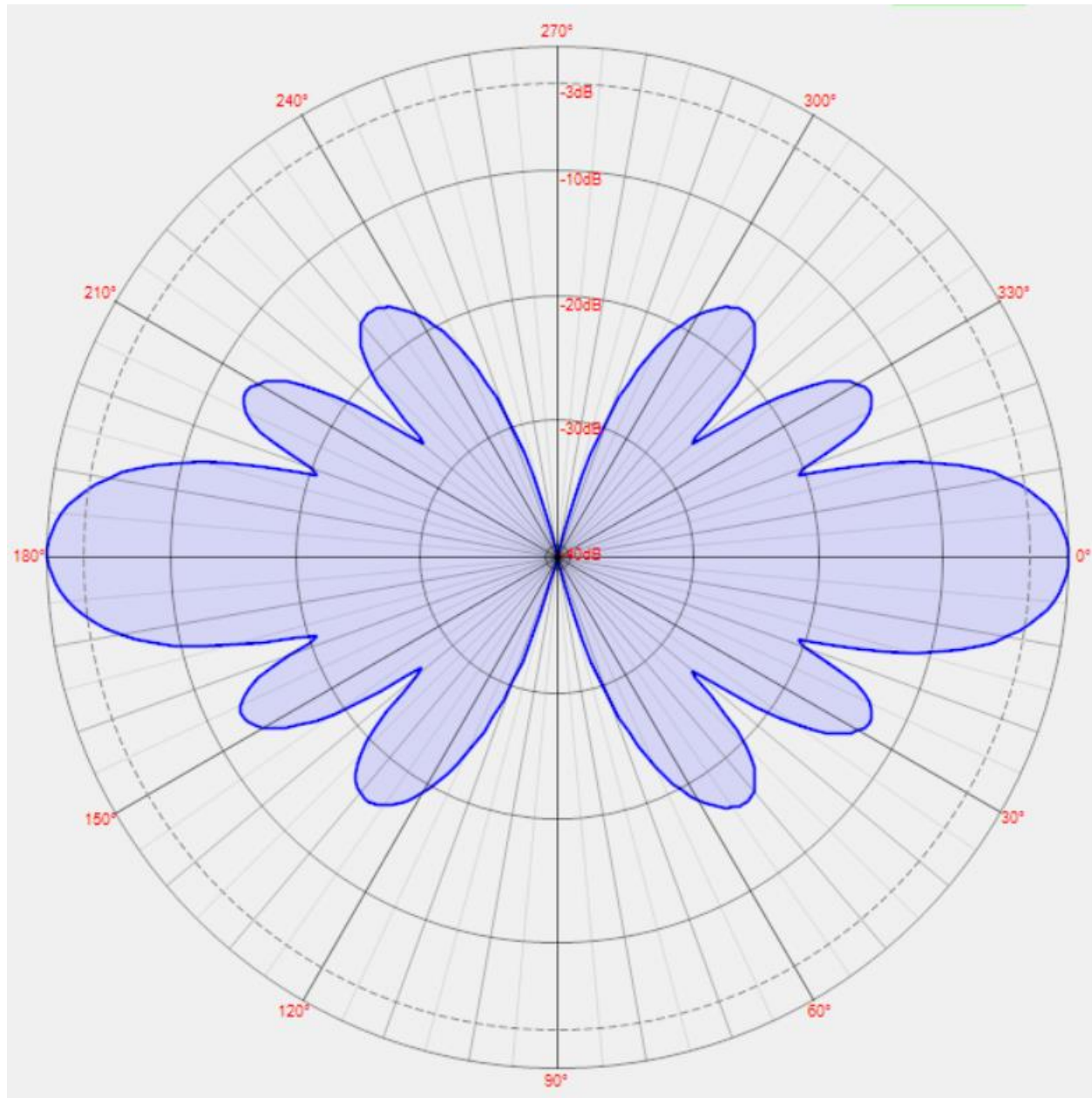
The Null Fill is optional, the Down tilt degrees available from 1 to 10 in one degree increment.

Electrical Specifications	924-70-5.5-43F*2
Frequency Range	450-470 MHz
Gain	5.5 dBd
VSWR (Return Loss)	<1.5:1 (14dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	20°
Horizontal Beamwidth	Omni +/-0.25 dB
Input	4.3-10 Female

Mechanical Specifications	924-70-5.5-43F*2
Configuration	Collinear Dipole
Length	80"
Radome Diameter	2.5"
Weight	8 lbs
Shipping Weight	15 lbs
Shipping Dimensions	L 83" W 4" H 4"
Mounting Area	12.0" x 3.0" diam. aluminum
Suggested Clamps (not included)	107-85

Environmental Specifications	924-70-5.5-43F*2
Operating Temperature	-58° to +140°F (-50°C to 60°C)
IP Rating	66
Projected Area	0.84 ft ² (no ice) 1.12 ft ² (with ice)
Lateral Thrust @ 100mph	33 lbs.
Wind Gust Rating	150 mph





Standard Elevation Pattern