

BASE STATION ANTENNAS

924-70-5.5-43M*4

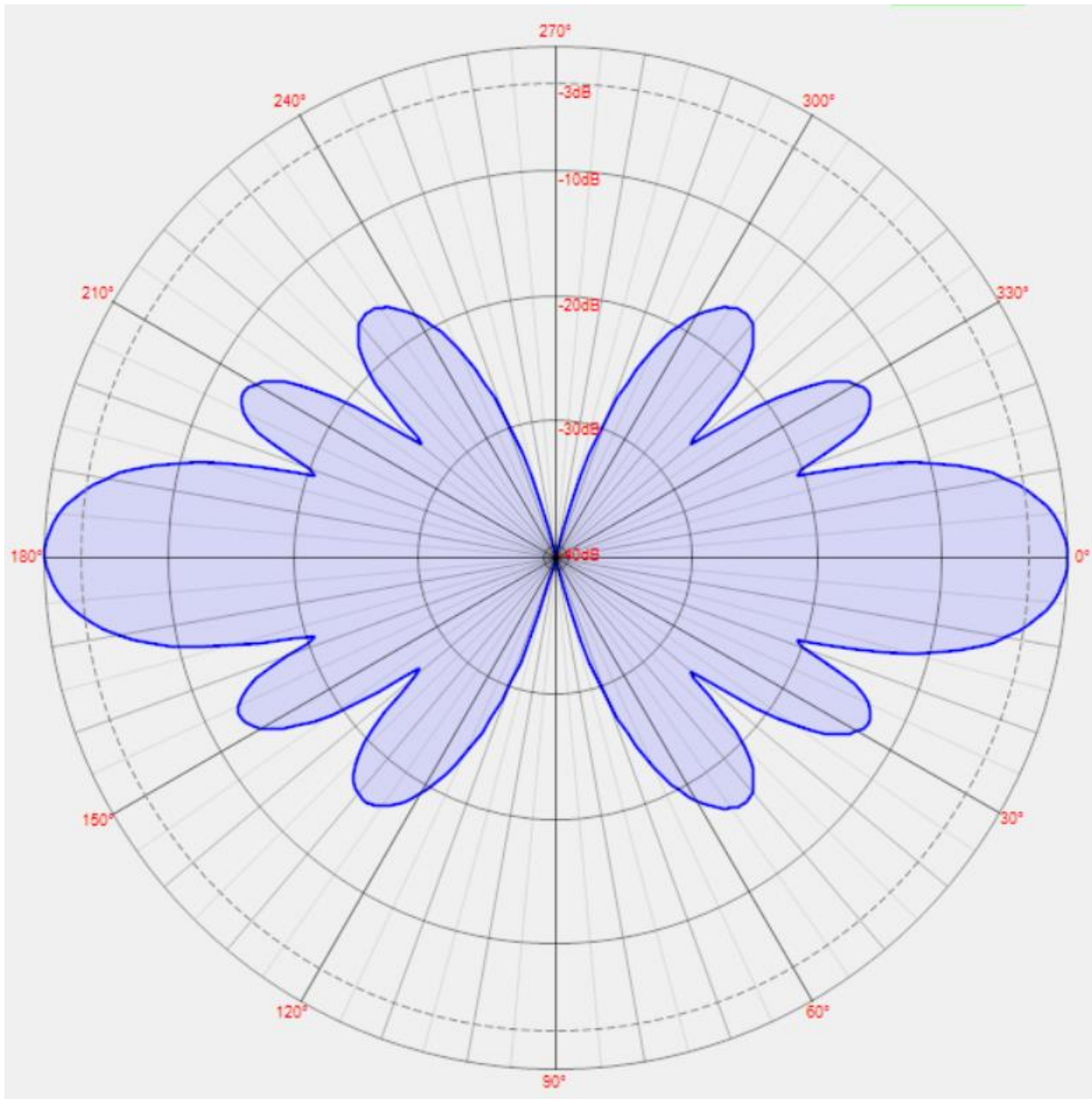
The Null Fill is optional, the Down tilt degrees available from 1 to 10 in one degree increment.

Electrical Specifications		924-70-5.5-43M*4	
Frequency Range	Detail	*4	430-450 MHz
		*3	470-490 MHz
		*2	450-470 MHz
		*1	400-420 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 Male

Mechanical Specifications		924-70-5.5-43M*4	
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		924-70-5.5-43M*4	
Operating Temperature			-58° to +140°F (-50°C to 60°C)
IP Rating			66
Projected Area			0.84 ft2 (no ice) 1.12 ft2 (with ice)
Lateral Thrust @ 100mph			33 lbs.
Wind Gust Rating			150 mph





Standard Elevation Pattern