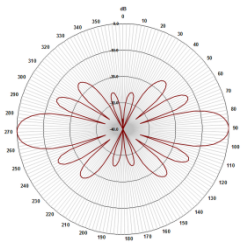
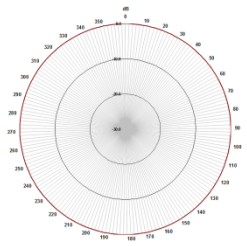
Product Data Sheet **ATC-GC4V4O-1**

ALIVE Telecommunications

Electrical Specifications	
Frequency Range	450-470 MHz
Gain	6.3 dBd
Nominal Impedance	50 Ω
Tuned Bandwidth	Entire band
VSWR (Return loss)	< 1.5:1 (14dB)
Down Tilt	N/A
Antenna Isolation	N/A
Passive IM 3rd order (2x20W)	-150 dBc
Peak Instantaneous Power	25 kW
Power Input	500 W
Vertical Beamwidth	13˚
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16” DIN-Female

Mechanical Specifications		
Configuration		Collinear Dipole
Length		111”
Radome Diameter		1.50”
Weight		6 lbs
Shipping Weight		22 lbs
Shipping Dimensions	H	3.00”
	W	3.00”
	L	120”
Projected Area		1.4ft^2 (no ice), 2.2ft^2 (with ice)
Lateral Thrust @ 100mph		94 lbs
Torque @ 100mph ft-lbs		106
Mounting Area		20.00” x 2.00” diam. aluminum
Suggested Clamps (not included)		PLMTKIT
Wind Gust Rating		149 mph

ELEVATION	AZIMUTH