



3.30 - 3.80 GHz WiMAX Sector Antennas

FEATURES

- * Standard Mounting Kit includes:
 - * Zinc plate, trivalent clear chromate parts for long life
 - * Stainless Steel hardware
 - * Continuously adjustable mechanical downtilt to 13 deg.
 - * Weatherproof downtilt label with 1 degree markings
 - * Brackets fit mast sizes from 1" to 4"
 - * Brackets securely hold antenna in up to 144 mph winds
- * Easy Installation
- * Lightweight and rugged design
- * Low windload
- * Bottom mount RF connector for easy installs on large masts
- * Meets ETSI Specification EN 302 085 v1.2.3 (CS2)
- * UV-stable radome
- * DC grounded for lightning protection
- * 50 watt maximum power input



Electrical Specifications

Model Number	Frequency GHz	Polarization	Gain dBi	Beamwidth, -3 dB		X-Pol. Rejection, dB	F/B Ratio dB	Max. VSWR (R.L., dB)
				Az, Deg.	El, Deg.			
35060-16V-N	3.3 - 3.8	Vertical	16.5	60	7	>20 boresight	>25	1.8 (10.9)
35090-15V-N	3.3 - 3.8	Vertical	15.0	90	7	>20 boresight	>25	1.8 (10.9)
35120-14V-N	3.3 - 3.8	Vertical	14.0	120	7	>20 boresight	>25	1.8 (10.9)

Mechanical Specifications

Model Number	Width in. (cm)	Depth in. (cm)	Height in. (cm)	Weight lbs. (kg)	Wind Survival mph (kmph)	Connector Type	Mech. Tilt degrees	Mast Diameter Range, in.(cm)
35XXX-YYV-N	5 (12.7)	4.25 (10.8)	28.5 (72.4)	5.1 (2.3)	144 (232)	N-jack	0 - 13	1-4 (2.5-10.2)

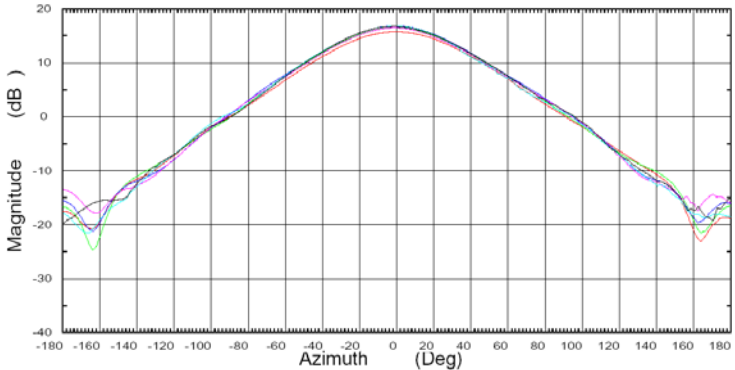


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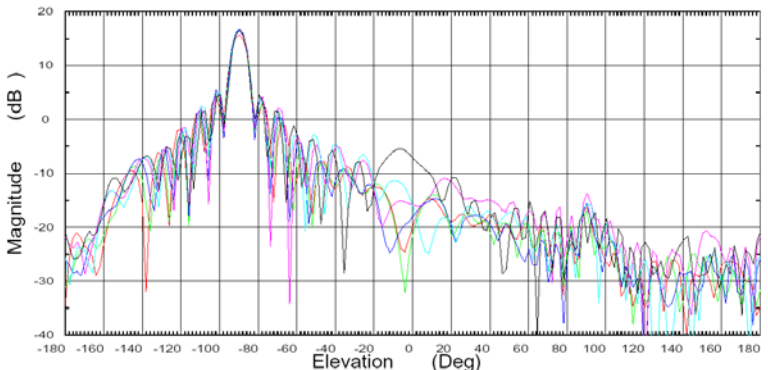
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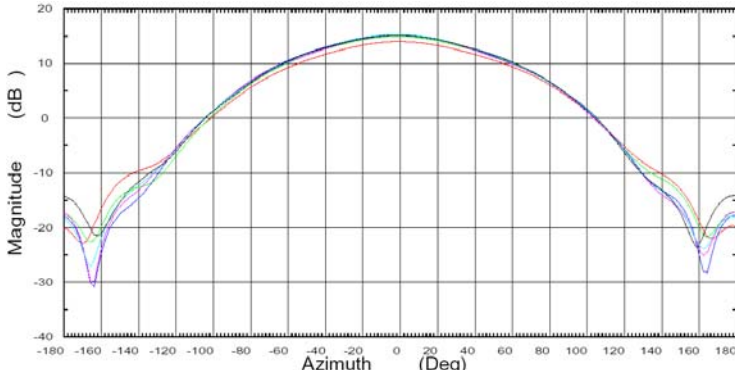
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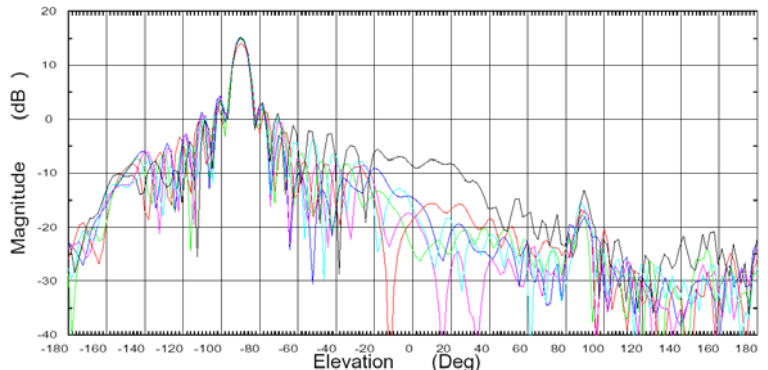
35060-16V-N Azimuth Pattern



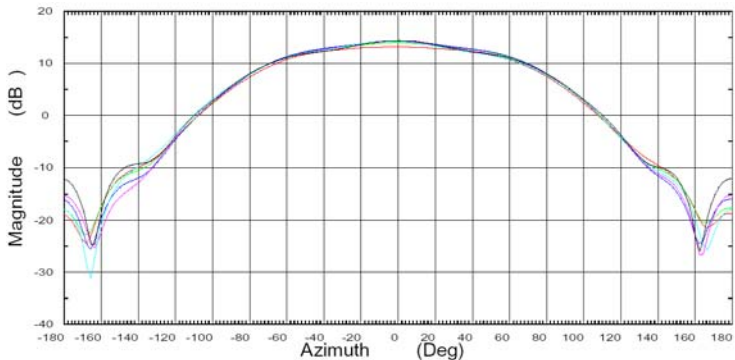
35060-16V-N Elevation Pattern



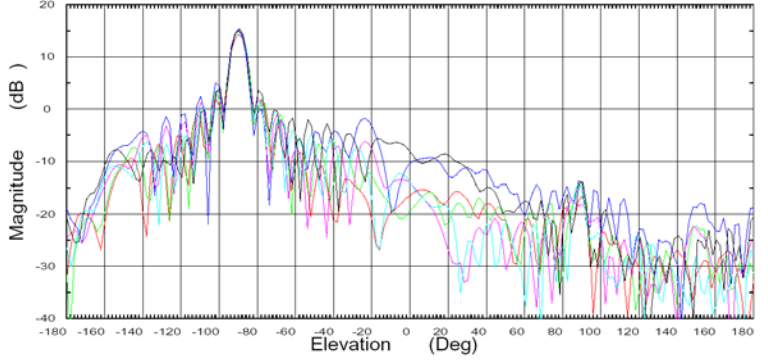
35090-15V-N Azimuth Pattern



35090-15V-N Elevation Pattern



35120-14V-N Azimuth Pattern



35120-14V-N Elevation Pattern



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