

**BASE STATION ANTENNA**  
**3.3 – 3.8 GHz Dual Slant Sector 65°**  
**P.N. 300644**



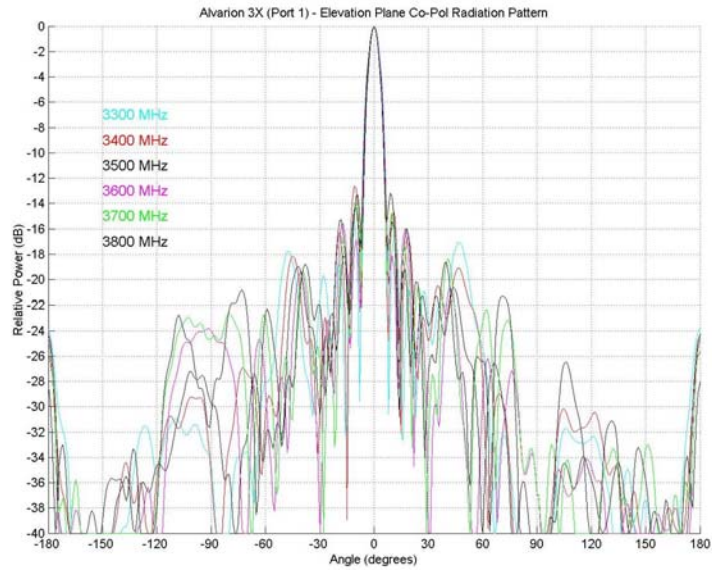
REGULATORY COMPLIANCE	RoHS Compliance
<b><u>ELECTRICAL</u></b>	
FREQUENCY RANGE	3.3 - 3.8 GHz
GAIN	16.5 dBi ± 0.5dB
VSWR	1.5:1 (max)
3 dB AZIMUTH BEAMWIDTH	65° ± 5°
POLARIZATION	Dual Slant ± 45°
ELEVATION BEAMWIDTH	6° ± 1°
INTERPORT ISOLATION	<25dB
CROSS POLARIZATION	-15dB
F/B RATIO	>25dB
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	50W (max)
LIGHTNING PROTECTION	DC Grounded
<b><u>MECHANICAL</u></b>	
DIMENSIONS (LxWxD)	711 x 171 x 90 mm
WEIGHT	2.6 Kg
CONNECTOR	2 x N-Type Female
RADOME	Gray UV resistant PVC
Pole mounting hardware	Fully adjustable pipe mount with 0-15° down tilt

<b><u>ENVIRONMENTAL</u></b>	
TEMP. CYCLING	MIL-STD-810F. Method 503.4 -40°C to +65°C
VIBRATION	MIL-STD-810E. Method 514.4, Procedure 1-3.3
SHOCK MECHANICAL	MIL-STD-810F. Method 516.5
HUMIDITY	95% Condensation
WATER TIGHTNESS	IP-56
SOLAR RADIATION	MIL-STD-810F. Method 505.3
FLAMMABILITY	UL 94 Class HB
SALT SPRAY	48 hours continuous salt spray at 35°C MIL-STD-810E, Procedure I, Aggravated Screening and /or ASTM B 117-94
ICE AND SNOW	25mm Radial
WIND SPEED: SURVIVAL OPERATION	220 Km/h 160 Km/h

# ANTENNA PATTERNS

## Elevation Pattern

### Frequency 3.xGHz



## Azimuth Pattern

### Frequency 3.xGHz

