

TERMINAL STATION ANTENNA

2.3 – 2.7 GHz

VERTICAL & HORIZONTAL
POLARIZATION

AN1350



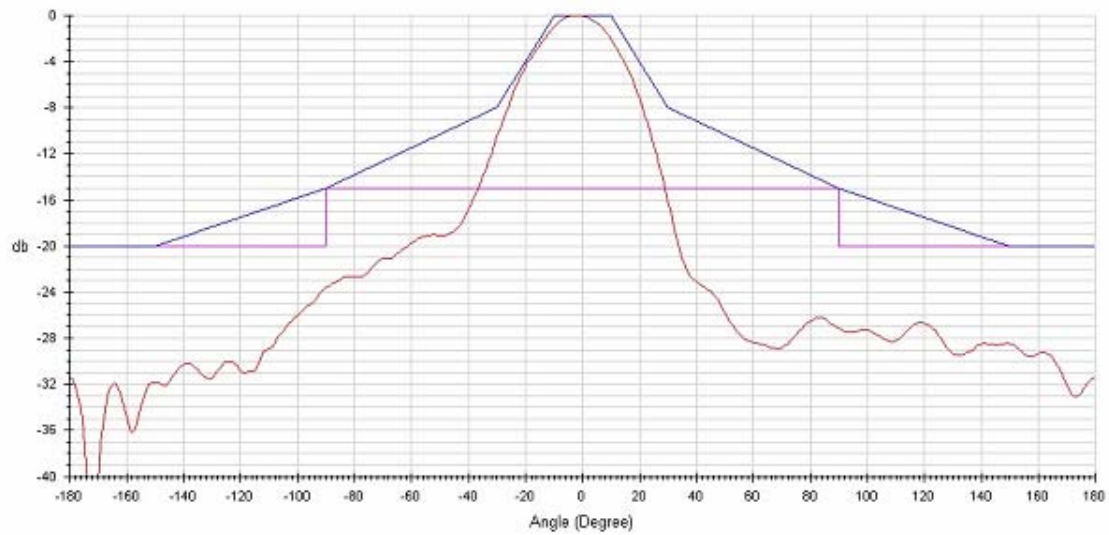
REGULATORY COMPLIANCE	ESTI EN 301 525 V.1.1.1 (2000-06) TS RoHS Compliance
<u>ELECTRICAL</u>	
FREQUENCY RANGE	2.3 - 2.7 GHz
GAIN	14 dBi (min)
VSWR	1.9:1 (max)
3 dB AZIMUTH BEAMWIDTH	33° (typ)
POLARIZATION	Linear Vertical@ Horizontal
ELEVATION BEAMWIDTH	27° (typ)
SIDELOBES LEVEL	TS2 (ETSI EN 301 525 v1.1.1)
CROSS POLARIZATION	TS2 (ETSI EN 301 525 v1.1.1)
F/B RATIO	TS2 (ETSI EN 301 525 v1.1.1)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	6W (max)
<u>MECHANICAL</u>	
DIMENSIONS (LxWxD)	199.9 x 199.9 x 0.8 mm (Nom)
WEIGHT	150 g.
CONNECTOR	Custom Pin to RF cable
RADOME	POLYCARBONAT 2407
BASE PLATE	Aluminum with chemical conversion coating
Pole mounting hardware	Tilt Mounting Kit for 1" to 4" Dia pole

<u>MECHANICAL</u>	
TEMP. CYCLING	-40°C to +70°C
VIBRATION	ETSI 300 019-2-4 V2.2.2(2003) T4.1E
SHOCK MECHANICAL	ETSI 300 019-2-4 V2.2.2(2003) T4.1E
HUMIDITY	95% Condensation, (IEC 60068)
WATER TIGHTNESS	IP-67
SOLAR RADIATION	IEC 68-2-5, MIL-STD-810
FLAMMABILITY	UL 94 Class HB
SALT SPRAY	ETSI 300 019-2-4
ICE AND SNOW	25mm Radial
WIND SPEED: SURVIVAL OPERATION	220 Km/h 160 Km/h

ANTENNA PATTERNS

Elevation Pattern

Frequency 2.5GHz



Azimuth Pattern

Frequency 2.5GHz

