

BASE STATION ANTENNA
“(" -5.875GHz 90° VERTICAL

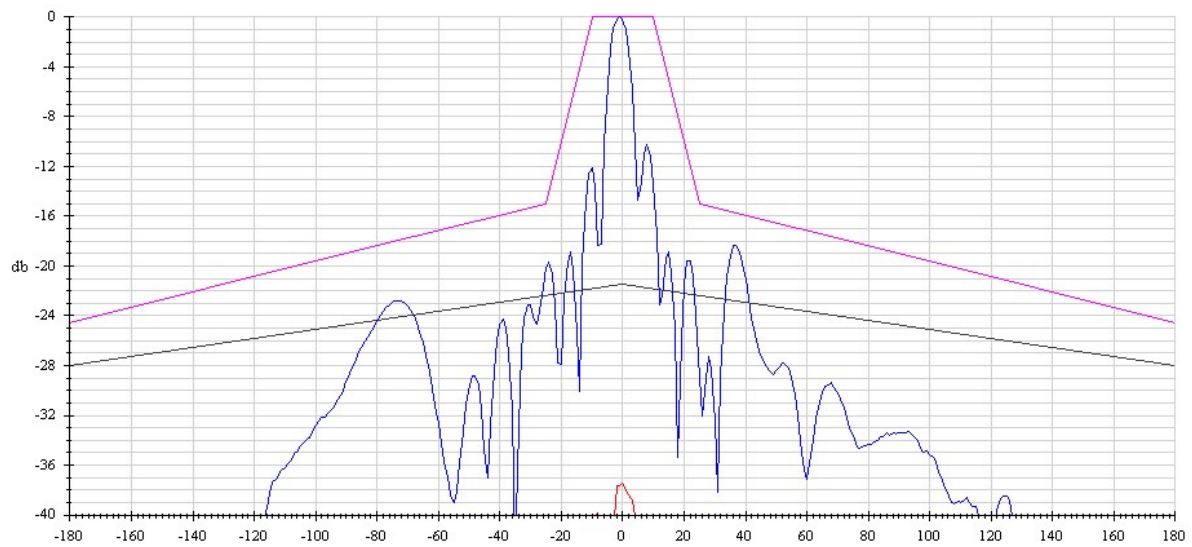


REGULATORY COMPLIANCE	ESTI EN 302 085 V.1.1.2 (2001-2006) CS3. RoHS Compliance.
<u>ELECTRICAL</u>	
FREQUENCY RANGE	4.9 - 5.875 GHz
GAIN	4.9-5.15 GHz: 16.5dBi 5.15-5.875 GHz: 17dBi
VSWR	1.7:1 (typ) 2:1 (max)
AZIMUTH BEAMWIDTH	90° ±9° (typ)
ELEVATION BEAMWIDTH	5.5° (typ)
POLARIZATION	Vertical
AZIMUTH CROSS POLARIZATION	ESTI EN 302 085 V.1.1.2 CS3
AZIMUTH SIDELobe LEVEL	ESTI EN 302 085 V.1.1.2 CS3
ELEVATION SIDELobe LEVEL	ESTI EN 302 085 V.1.1.2 CS3
ELEVATION CROSS POLARIZATION	ESTI EN 302 085 V.1.1.2 CS3
F/B RATIO	ESTI EN 302 085 V.1.1.2 CS3
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	6W (max)
<u>MECHANICAL</u>	
DIMENSIONS (LxWxD)	550 x 250 x 18 mm
WEIGHT	1.8 kg. (max)
CONNECTOR	N -Type Female
RADOME	Plastic
BASE PLATE	Aluminum with chemical conversion coating

<u>ENVIRONMENTAL</u>	
TEMP. CYCLING	IEC 68-2-14 -40°C to +71°C
VIBRATION	IEC 60721-3-4 Random 4M5
SHOCK MECHANICAL	IEC 60721-3-4 4M5
HUMIDITY	ETSI EN300-2-4 T4.1E
WATER TIGHTNESS	IP-67
SOLAR RADIATION	ASTM G53
FLAMMABILITY	UL 94 Class HB
SALT SPRAY	IEC 68-2-11 Ka
ICE AND SNOW	25mm Radial
WIND SPEED: SURVIVAL OPERATION	220 Km/h 160 Km/h
WIND LOAD (SURVIVAL): FRONT THRUST SIDE THRUST	39.3Kg 2.8 Kg

ANTENNA PATTERNS

Elevation Pattern
Frequency 5.725GHz



Azimuth Pattern

Frequency 5.725GHz

