



TS ANT 5.15 - 5.875GHz Vertical - P/N xxxxx

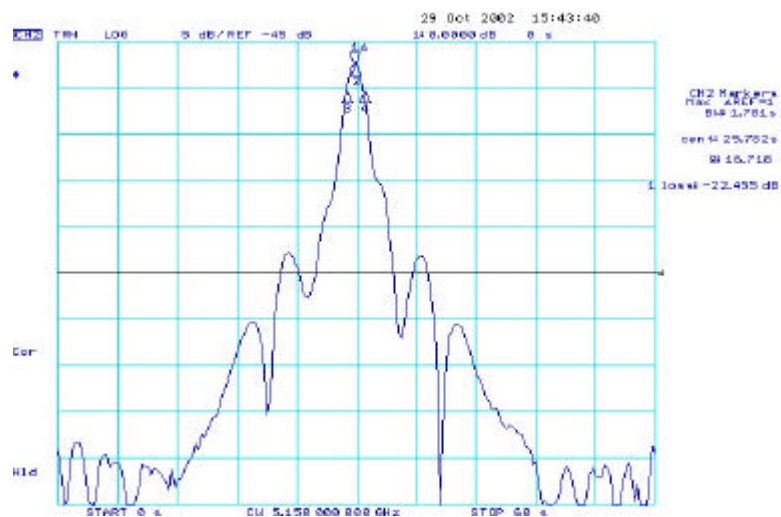
Technical Specification

Marketing P.N	xxxxxx
Production P.N	AN1165
ANT.TYPE	Subscriber 5.15 - 5.875GHz Vertical 20dBi min.
REG. COMP.	ETSI EN 302 085 V1.1.2 TS1,2,3,4,5.
1. <u>ELECTRICAL</u>	
FREQ. RANGE	5.15 - 5.875GHz
GAIN	21dBi
VSWR	1.5:1
AZ. B.W (3dB)	10.5°
EL. B.W (3dB)	10.5°
POLARIZATION	Linear Vertical
MAX INPUT POWER	10W
INPUT IMPEDANCE	50 Ohms
CROSS POLARIZATION	24dB
F/B RATIO	35dB
2. <u>MECHANICAL</u>	
DIMENSION (HxWxD)	306x306x20 mm
WEIGHT	1.0Kg.
CONNECTOR	90° MCX(M) with 15 cm coaxial cable DR- 316
RADOME	Polypropylene, UV Protected

MOUNTING H.W	With Alvarion Radio
OUTLINE DRAWING	AN1165
3. ENVIRONMENTAL	
TEMP. RANGE	Operating -45⁰ C to + 75⁰ C
VIBRATION	According to IEC 68-2-36
SHOCK	28g during 11ms x 3 times
WIND LOAD	EN 302 085, Table A.1, Table A.2 (Heavy duty).
WIND SPEED (Survival)	200Km/Hr
HUMIDITY	ETS 300 019-1-4 EN 302 085 (Annex A.1.1)
WATER IMMERSION	IP-67
SALT FOG	MIL-STD-810E.Method 509.3 for 200 hours, IEC 68-2-11
ICE LOADING	25mm
SOLAR RADIATION	ETS 300 019-1-4
SERVICE LIFE	> 20 years
LIGHTNING PROTECTION	DC GROUNDED According to IEC 1000-4-5

TS 5.15-5.875 GHz Vertical Antenna Patterns

AZ- PATTERN



EL- PATTERN

