



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

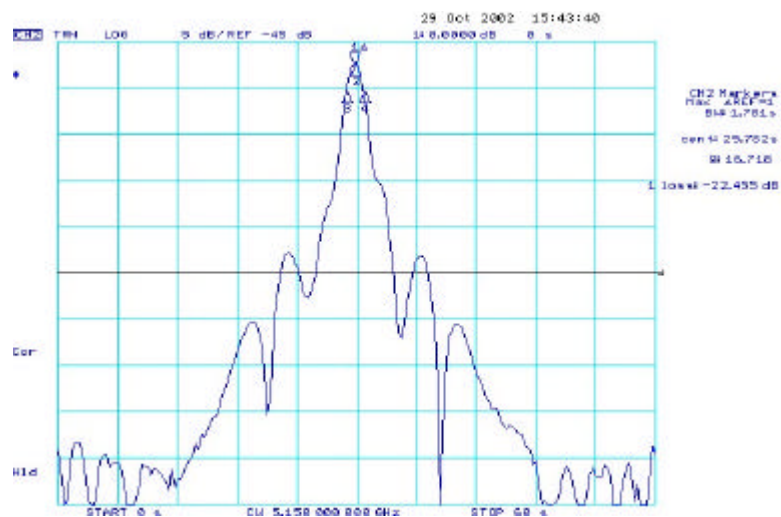
### Technical Specification

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

<b>MOUNTING H.W</b>	<b>With Alvarion Radio</b>
<b>OUTLINE DRAWING</b>	<b>AN1165</b>
<b>3. ENVIRONMENTAL</b>	
<b>TEMP. RANGE</b>	<b>Operating -45<sup>0</sup> C to + 75<sup>0</sup> C</b>
<b>VIBRATION</b>	<b>According to IEC 68-2-36</b>
<b>SHOCK</b>	<b>28g during 11ms x 3 times</b>
<b>WIND LOAD</b>	<b>EN 302 085, Table A.1, Table A.2 (Heavy duty).</b>
<b>WIND SPEED (Survival)</b>	<b>200Km/Hr</b>
<b>HUMIDITY</b>	<b>ETS 300 019-1-4 EN 302 085 (Annex A.1.1)</b>
<b>WATER IMMERSION</b>	<b>IP-67</b>
<b>SALT FOG</b>	<b>MIL-STD-810E.Method 509.3 for 200 hours, IEC 68-2-11</b>
<b>ICE LOADING</b>	<b>25mm</b>
<b>SOLAR RADIATION</b>	<b>ETS 300 019-1-4</b>
<b>SERVICE LIFE</b>	<b>&gt; 20 years</b>
<b>LIGHTNING PROTECTION</b>	<b>DC GROUNDED According to IEC 1000-4-5</b>

## TS 5.15-5.875 GHz Vertical Antenna Patterns

### AZ- PATTERN



### EL- PATTERN

