



BS ANT 5.15 - 5.875/120V - P/N 858169

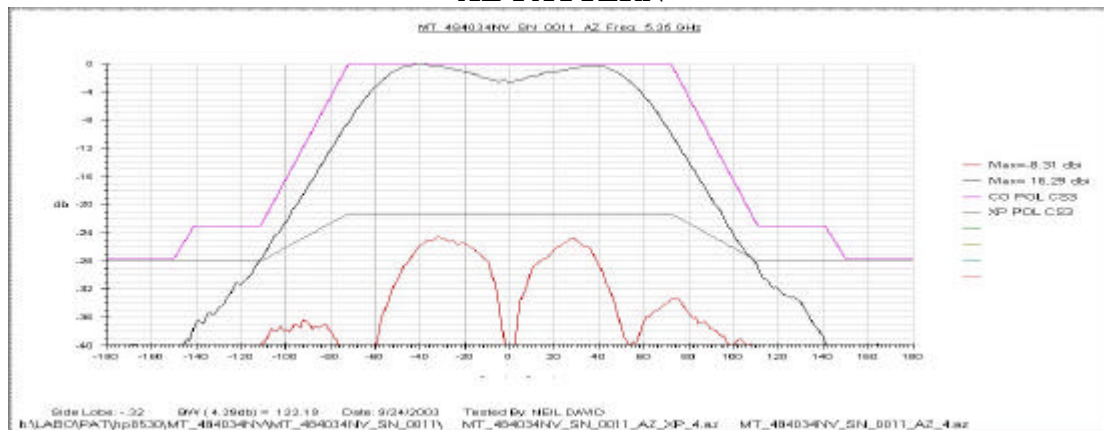
Technical Specification

| | |
|-----------------------------|---|
| Marketing P.N | 858169 |
| Production P.N | AN1253 |
| ANT.TYPE | SECTOR 5.15-5.875GHz /120V 15dBi |
| REG. COMP. | ETSI EN 302 085v 1.1.2 CS3 |
| 1. <u>ELECTRICAL</u> | |
| FREQ. RANGE | 5.15-5.875GHz |
| GAIN | 15dBi (min) |
| VSWR | 1.7:1 |
| AZ. B.W (3dB) | 120° +/- 6° |
| EL. B.W (3dB) | 6° (typ) |
| ELEC. DOWNTILT | 0° |
| POLARIZATION | Vertical |
| MAX INPUT POWER | 20W |
| INPUT IMPEDANCE | 50 Ohms |
| F/B RATIO | -30dB (max) |
| CROSS POLAR. (XPD) | -20dB (max) |
| 2. <u>MECHANICAL</u> | |
| DIMENSION (HxWxD) | 550x250x17 mm |
| WEIGHT | 1.5Kg (max) |

| | |
|------------------------------|---|
| CONNECTOR | N- Type female. |
| RADOME | |
| MOUNTING H.W | For 2-4 inch. Pole |
| OUTLINE DRAWING | AN1253 |
| 3. ENVIRONMENTAL | |
| TEMP. RANGE | Operating -40⁰ C to + 65⁰ 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 |

BS 5.15-5.875 GHz 120V Antenna Patterns

AZ-PATTERN



EL-PATTERN

