



## BS ANT 5.15-5.875/60V P/N 872444

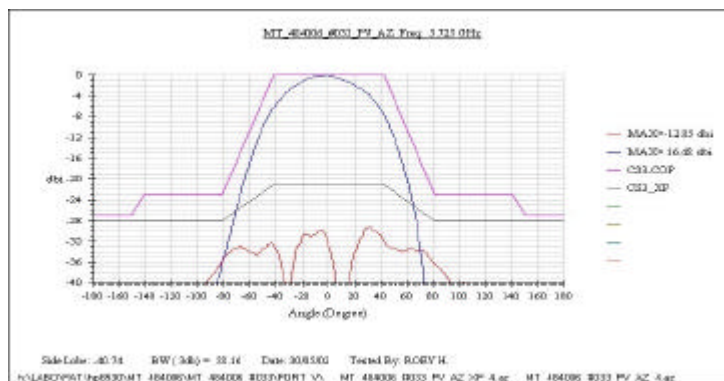
### Technical Specification

<b>Marketing P.N</b>	872444
<b>Production P.N</b>	AN1152
<b>ANT.TYPE</b>	SECTOR 5.15-5.875 /60V 16dBi
<b>REG. COMP.</b>	ETSI EN 302 085v 1.1.2(2001-02) CS3.
<b>1. <u>ELECTRICAL</u></b>	
FREQ. RANGE	5.15 5.875GHz
GAIN	16dBi
VSWR	1.7:1
AZ. B.W (3dB)	
EL. B.W (3dB)	
ELEC. DOWNTILT	
POLARIZATION	Vertical
MAX INPUT POWER	6W
INPUT IMPEDANCE	50 Ohms
F/B RATIO	-30dB
CROSS POLAR. (XPD)	-23dB
<b>2. <u>MECHANICAL</u></b>	
DIMENSION (HxWxD)	436x250x10 mm
WEIGHT	2.2Kg.
CONNECTOR	N- Type female.
RADOME	Plastic UV

MOUNTING H.W	For 2-
OUTLINE DRAWING	AN1152
<b>3. ENVIRONMENTAL</b>	
TEMP. RANGE	Operating -55
VIBRATION	According to IEC 60721-3-4
SHOCK	According to IEC 60721-3-4
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 Radial
SOLAR RADIATION	ETS 300 019-1-4
SERVICE LIFE	> 20 years
LIGHTNING PROTECTION	DC GROUNDED According to IEC 1000-4-5

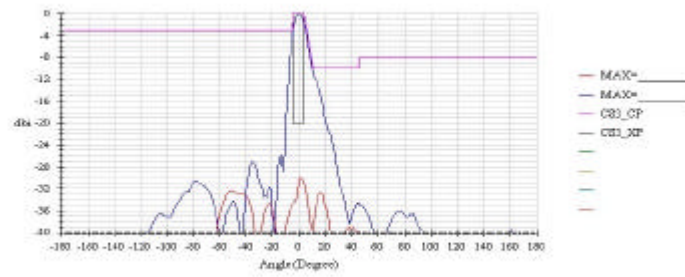
## BS 5.15-5.875 GHz 60V Antenna Patterns

### AZ - PATTERN



### EL - PATTERN

MT\_48406\_#03\_PV\_EL\_Pwr\_5.75 GHz



Side Lobe: 25.91 BW: 5.81 = 9.41 Data: 3005400 Tested By: ROBY H.  
I:\LABORATORY\60538\MT\_48406\MT\_48406\_#03\FPORT\_V1\_MT\_48406\_#03\_PV\_EL\IP\_4.sc MT\_48406\_#03\_PV\_EL\_4.sc