

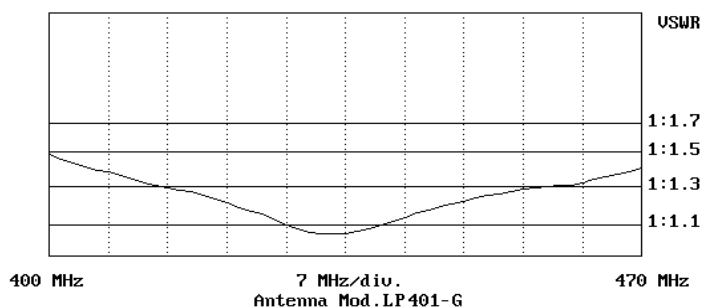
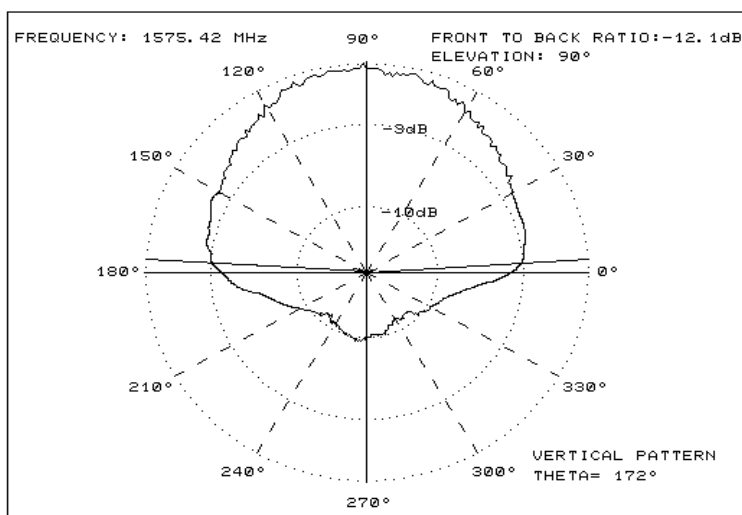
Expoxy radomized antenna  
With DC grounded lightning protection

## MAIN CHARACTERISTICS

|                          |                                |
|--------------------------|--------------------------------|
| Type                     | : 1/4                          |
| Frequency range          | : 400 - 470 MHz                |
| Input impedance          | : 50 ohm                       |
| V.S.W.R.                 | : < 1:1.5                      |
| Maximum rated RF power   | : 200 watt cont. 400 watt peak |
| Polarization             | : Vertical                     |
| Gain                     | : 0 dBd over 1/4 wave          |
| Type of connection - UHF | : TNC female 90°               |
| Type of connection - GPS | : SMA female with cable        |
| Mounting hole            | : 26 mm                        |
| Body treatment           | : Alodine 1200                 |
| Working temperature      | : From -35° to +80°            |
| Dimensions               | : 160 x 104 mm                 |
| Net weight               | : abt. 850 g                   |



## GPS RADIATION PATTERN



## GPS ANTENNA SPECIFICATION

|                 |                    |
|-----------------|--------------------|
| Type            | : Planar patch     |
| Frequency range | : 1575.42 MHz      |
| Polarization    | : Right - circular |
| Input impedance | : 50 ohm           |
| V.S.W.R.        | : < 1:1.5          |
| Gain            | : +4.5 dBic zenit  |
| Beamwidth -3 dB | : 172°             |

## GPS AMPLIFIER SPECIFICATION

|                     |              |
|---------------------|--------------|
| Type                | : A FIL 27   |
| Voltage             | : 5 V dc     |
| Current             | : 20 mA      |
| Typical Gain        | : 27 dB      |
| Noise figure        | : < 1:1.5 dB |
| Input impedance     | : 50 ohm     |
| Input V.S.W.R.      | : < 1:2      |
| Output V.S.W.R.     | : < 1:1.5    |
| Reverse isolation   | : > 48 dB    |
| Output compr. point | : 1 dBm      |