DUALBAND GPS WI-FI ANTENNA

A. Massa, Eledialab

November 2006

Technical Report DIT-06-071
Dualband GPS-WiFi Antenna

Working Frequency: GPS L1 (1575 Mhz), WiFi (2440 MHz)

<table>
<thead>
<tr>
<th>Frequency [MHz]</th>
<th>VSWR</th>
</tr>
</thead>
<tbody>
<tr>
<td>$f = 1575$</td>
<td>1.5</td>
</tr>
<tr>
<td>$f = 2440$</td>
<td>1.4</td>
</tr>
</tbody>
</table>

Simulated Data

Measured Data

Gain [dBd]

Measured (1575 MHz)
Simulated (1575 MHz)
Simulated (2440 MHz)

Gain [dBd]

Measured (2440 MHz)
Simulated (2440 MHz)