



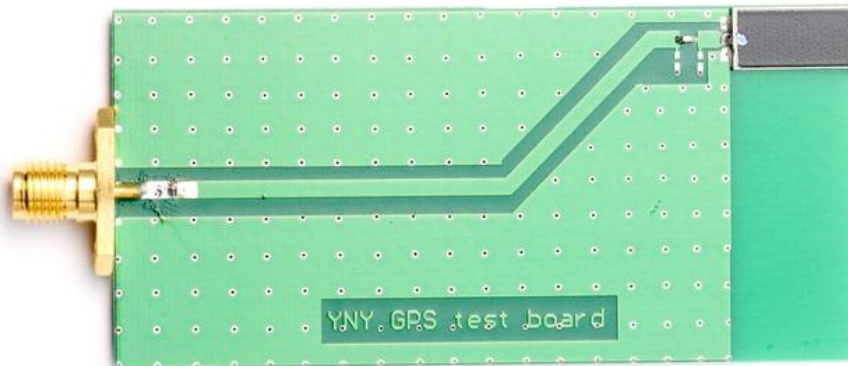
Specification

SPECIFICATION

Part No. : **CAD-04**

Product Name : **GPS Chip antenna development kit**

Dimensions : 1pc 72mm * 1575 MHz, 1.5 dBi Gain
Size: 12*6*0.8 mm



REVISION STATUS

Version	Date	Page	Revision Description	Prepared	Approved
01	Jun 11 th 2007	All	New format	TW Product Centre	Ronan Quinlan



Specification

1.0 Features

This specification covers the CAD-04 Dielectric Chip Antenna Evaluation Kit for GPS 1575.25 MHz. The CA-04 antenna is suitable for small form factor products which require lowest profile and a reliable solder connection for SMT.

We recommend testing these as part of our CAD-04 GPS Chip antenna kit, which includes 1 CA-04 soldered on a benchmarked performance evaluation board and 5 loose CA-04 antennas.

All antennas performance are affected by the ground-plane size and any nearby components or housing. Therefore it is necessary to know the ideal design performance of an antenna on a standardized ground-plane setup before trying to integrate in a device, so as to set a benchmark performance with your module. At integration stage a local Taoglas facility can help with re-tuning or if testing is needed to verify antenna performance.

2.0 Drawings

2.1 Outline Dimensions

