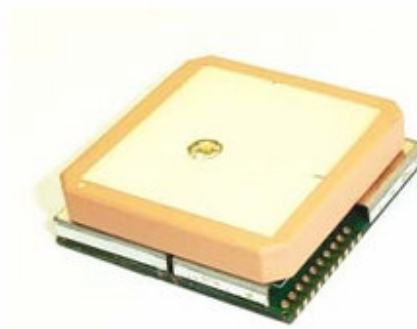




# ANTARIS™ 4 SuperSense GPS Module



## 2. Technical Specifications

### 2.1. Electrical Characteristics

#### 2.1.1 General

Frequency	L1, 1575.42 MHz
C/A code	1.023 MHz chip rate
Channels	16

#### 2.1.2 Sensitivity

##### Standard

Acquisition:	-142 dBm
Tracking:	-158 dBm

#### 2.1.3 Accuracy

Position	2.5 meters CEP 2.0 m CEPDGPS / WAAS / EGNOS
Time	50ns RMS

#### 2.1.4 Datum

Default	WGS-84
Other	Support different datum by request

#### 2.1.5 Acquisition Rate (Open sky, stationary requirements)

Hot start	<3.5 sec, average
Warm start	33 sec, average
Cold start	34 sec, average

#### 2.1.6 Dynamic Conditions

Altitude	10,000 meters max
Velocity	<515m/sec

#### 2.1.7 Power

Main power input	3.3 ±5% VDC input.
Supply Current	40mA