

## ◆ Features

- 1.High gain
- 2.Designed for GPRS and GPS
- 3.Customization available for connectors
- 4.Magnetic mounting, easy installation
- 5.RoHS compliant

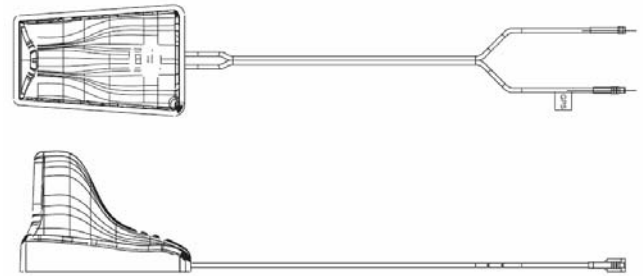


## ◆ Application

GPS/GPRS, Navigation Device



## ◆ Dimensions (mm): 83x52x61

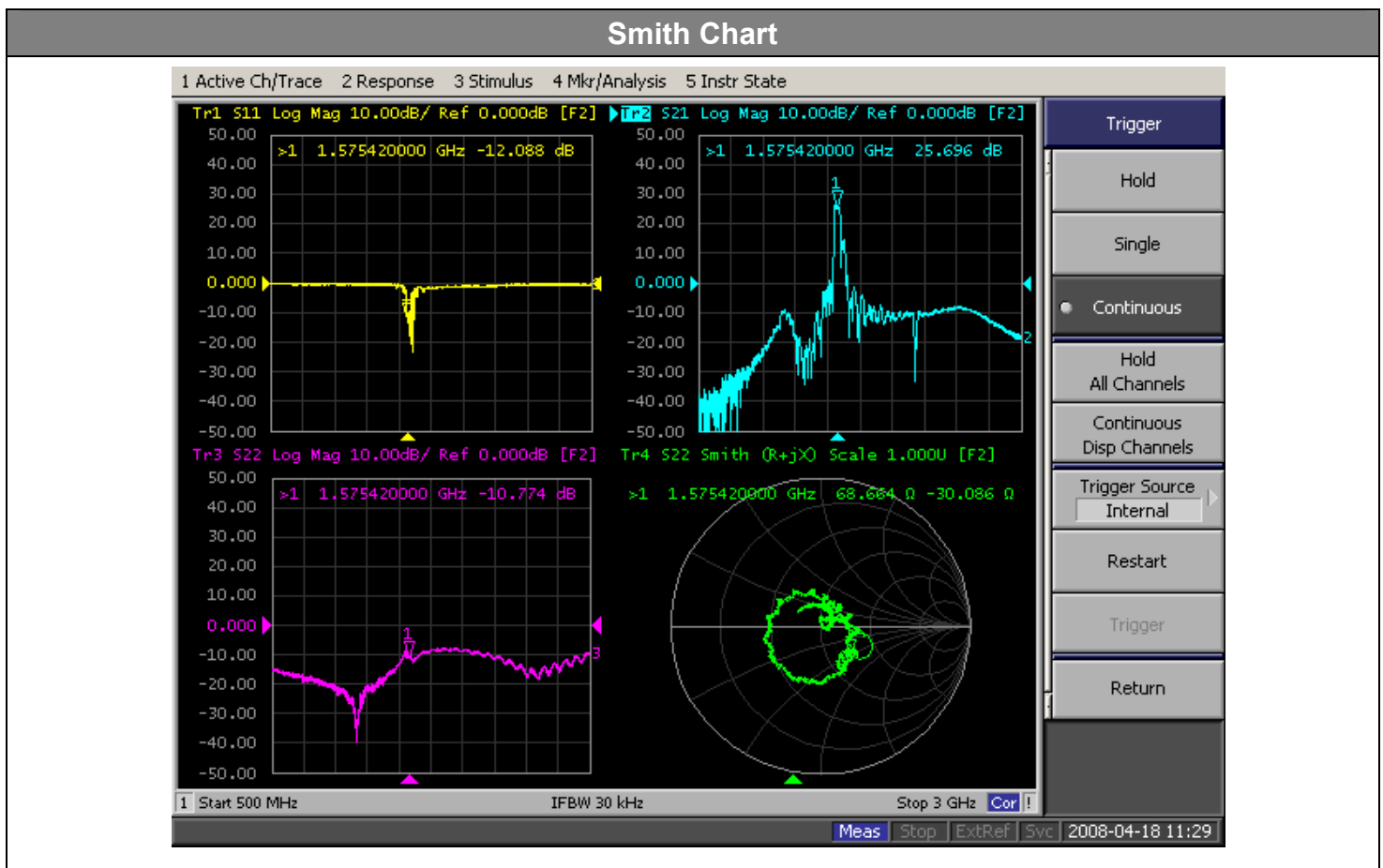


## ◆ Specifications

Specifications		
<b>Mechanical</b>	<b>Cable Type</b>	RG-174
	<b>Cable Length</b>	5m
	<b>Mounting Method</b>	Magnet / Twin Adhesive
	<b>Connector Type</b>	GPS/GPRS, MCX/SMA Plug
	<b>Color</b>	Black
GPS Active Antenna		
<b>Frequency Range (MHz)</b>	1573.42~1577.42	
<b>V.S.W.R. (50Ω)</b>	< 2.0	
<b>Antenna Gain (dBic)</b>	3.0	
<b>Polarization</b>	R.H.C.P.	
<b>Impedance (Ω)</b>	50	
<b>Axial Ratio (dBic)</b>	≤3	
<b>Elevation Pattern</b>	Hemispherical	
<b>DC Voltage</b>	3~5V	
<b>DC Current</b>	I=19 ± 4 mA	
<b>Amplifier Gain (dB)</b>	V=5.0V ≥ 25 dBm, V=3.0V ≥ 24 dBm	
<b>Noise Figure</b>	2.5 typ.	
<b>Testing Conditions</b>	1.The patch Antenna gain is the gain at the feed point of the antenna, does not include the cable and the connector. 2.The measurement shall be taken on the specified ground plane.	

Cellular Antenna	
Frequency Range (MHz)	880~960 (GSM),1710~1880 (DCS), 1850~1990 (PCS)
V.S.W.R. (50Ω)	< 2.5
Polarization	Vertical
Peak Gain (dBi)	>2
Azimuth Average Gain (dBi)	~1
Azimuth Pattern	Omni-directional
Power Handling (W)	>10
Testing Conditions	1.All the measurement shall be taken on 30 cm diameter ground plane. 2.The antenna gain is defined at the antenna feed point, not including the cable loss.

### ◆ Characteristics



V.S.W.R

