

AMT-GPS/GLONASS-C84P

GPS/GLONASS adhesive mount antenna

GPS/GLONASS antenna

- 1575.42 - 1595 MHz

- 1602.56 -1615.5 MHz

Adhesive Mount

Customizable Cable and Connector

Max dimensions 34.0 x 37.8 x 13.8 mm



1. Antenna specifications

Standards	GPS and GLONASS
Frequency (MHz)	1575– 1615
Band Wight (MHz)	>8
Polarization	RHCP
Gain Zenith (dBic)	4.5d (based on 7×7cm ground plane)
VSWR	~1.5:1
Impedance (Ohm)	50
Dimensions (mm)	25 x 25 x 4

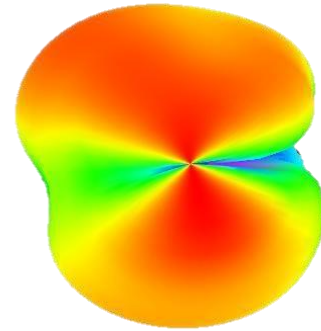
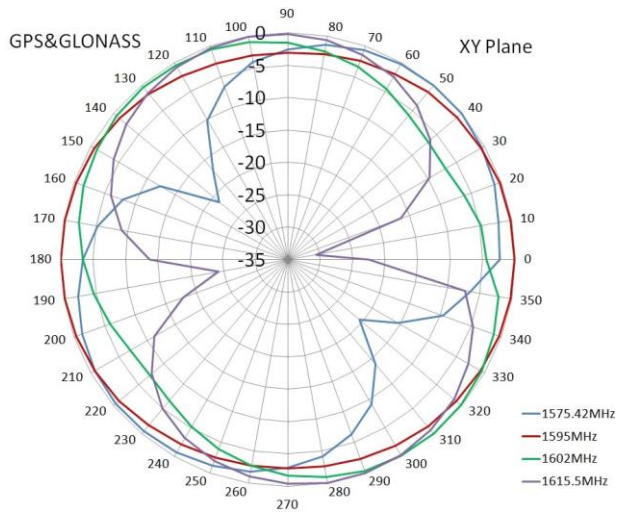
2. LNA specifications

Gain (dB)	28 ± 3
Noise Figure	<1.5
Filter Insertion Loss (dB)	<3
DC Voltage (V)	3~5
DC Current (mA)	9±3 (at 3.3V)
VSWR	~2:1

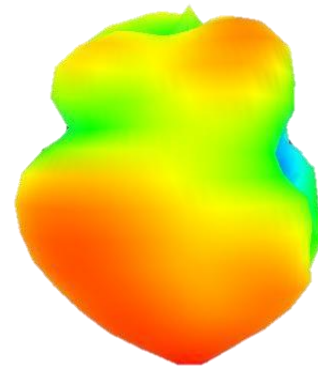
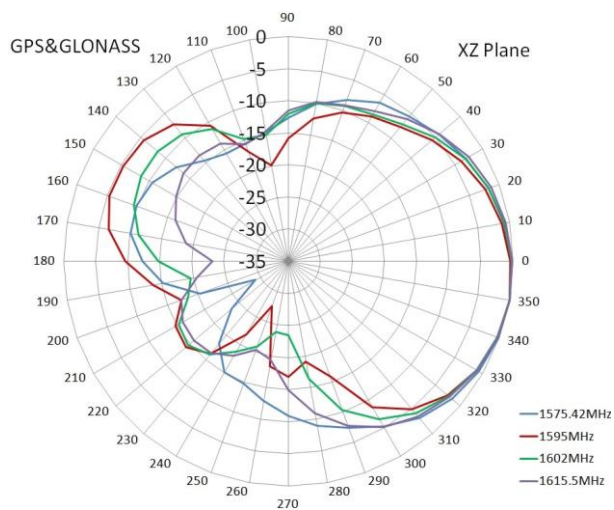
3. Mechanical and environmental specifications

Mounting Type	Adhesive 3M
Max Dimensions (mm)	34.0 x 37.8 x 13.8
Radome Material	ABS
Radome Color	Black
Operating Temperature (C)	-40 to +85
Relative Humidity (%)	Up to 95
Ingress Protection	IPX6
Vibration	10~55~10Hz each axis
Environmentally Friendly	ROHS Compliant

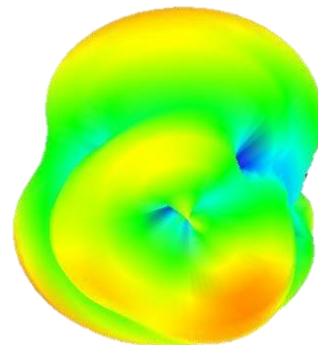
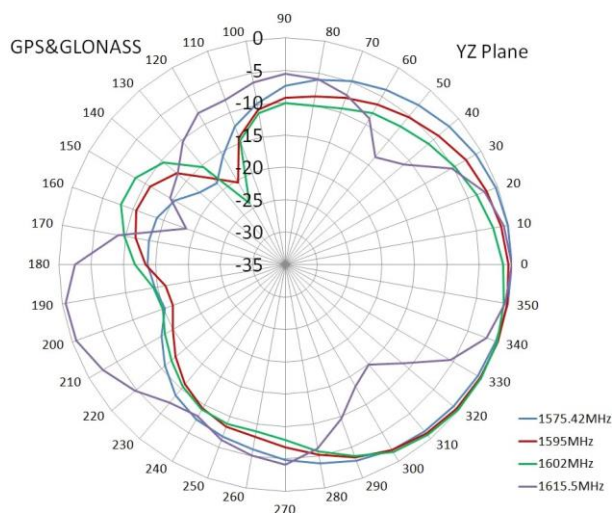
4. Radiation Pattern



3D Pattern Top

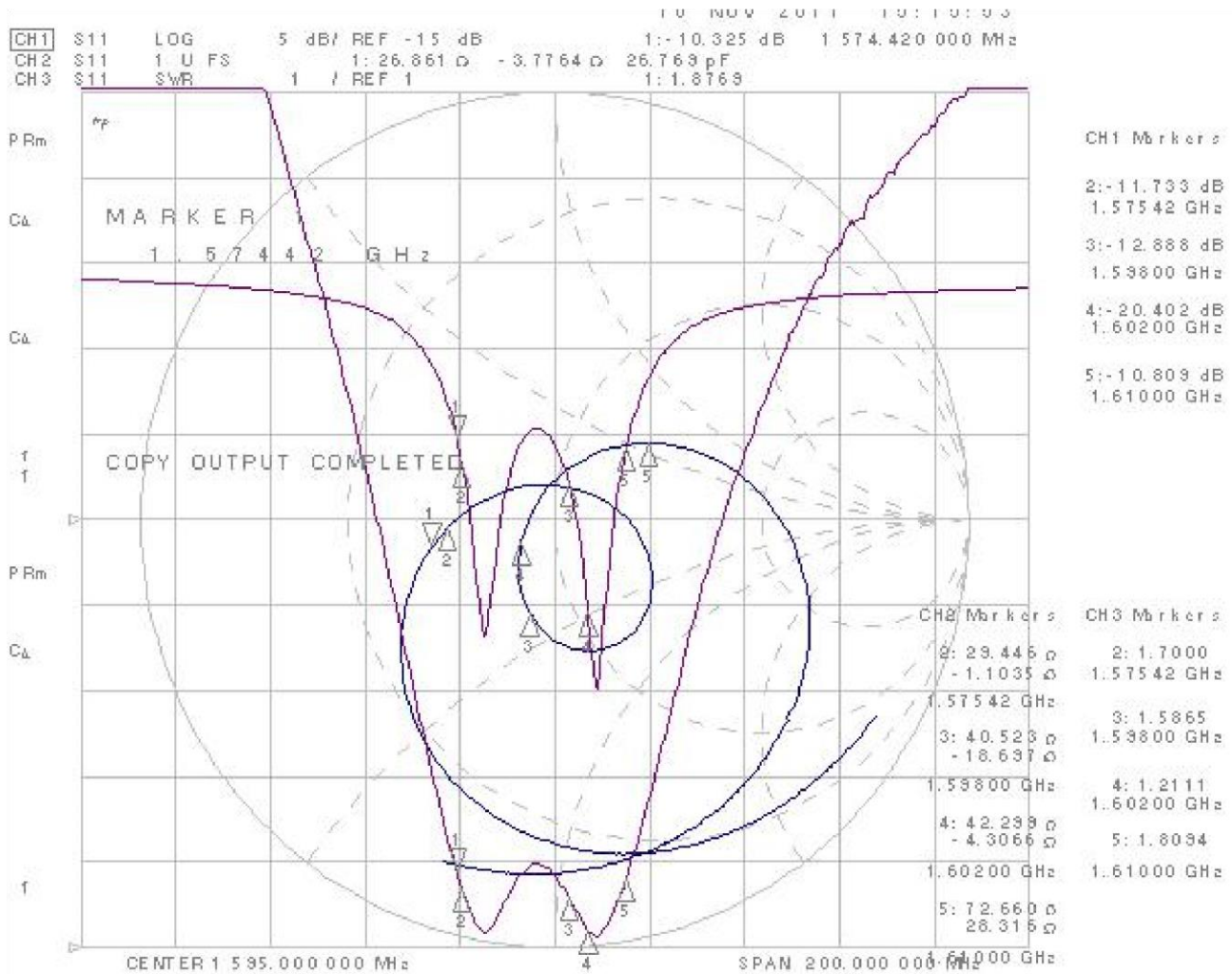


3D Pattern Side



3D Pattern Bottom

5. Patch Test Curve





6. Antenna Drawing

