

GPS/GLONASS-C4-11

GPS/GLONASS magnetic mount antenna

GPS/GLONASS antenna

- 1575.42 - 1595 MHz

- 1602.56 -1615.5 MHz

Magnetic Mount

Customizable Cable and Connector

Max dimensions 49.2 x 39.2 x 14.9 mm



1. Antenna specifications

Standards	GPS and GLONASS
Frequency (MHz)	1575 – 1615
Band Wight (MHz)	CF ± 5
Polarization	RHCP
Gain Zenith (dBic)	5
VSWR	~1.5:1
Impedance (Ohm)	50
Axial Ratio (dB)	3
Dimensions (mm)	25 x 25 x 4

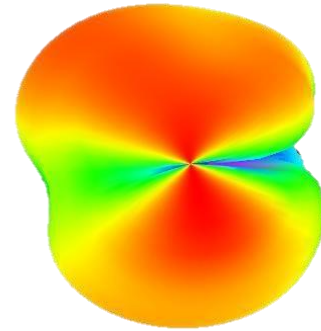
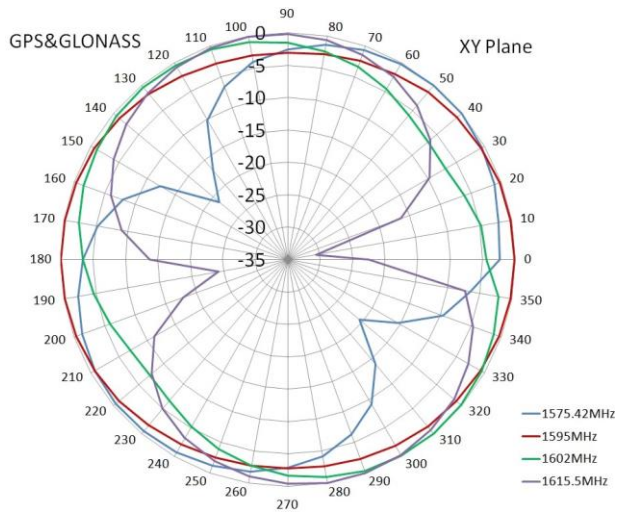
2. LNA specifications

Gain (dB)	28 ± 2
Noise Figure	<1.5
Filter Insertion Loss (dB)	<3
Ex-band Attenuation (dB/MHz)	12@CF+50MHz 16@CF-50MHz
Supply Voltage (V)	2.2~5
Current Consumption (mA)	5~15
VSWR	~2:1

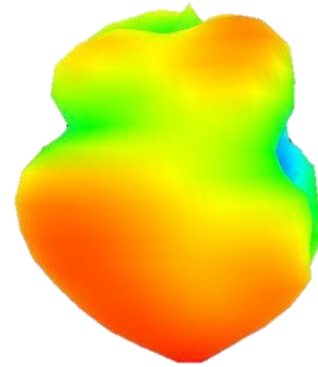
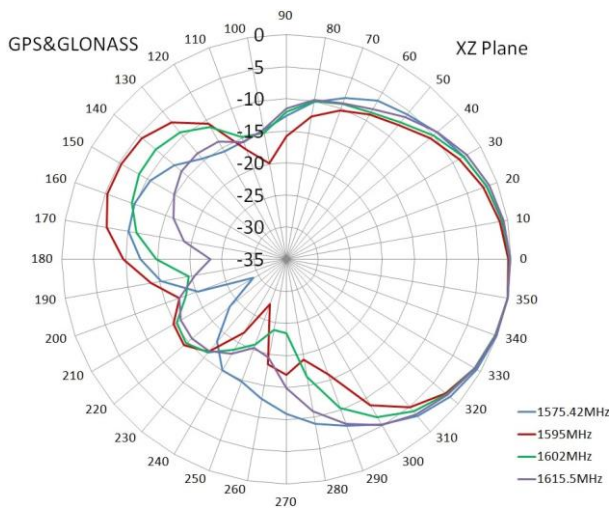
3. Mechanical and environmental specifications

Mounting Type	Magnetic mount
Max Dimensions (mm)	49.2 x 39.2 x 14.9
Radome Material	ABS
Radome Color	Black
Operating Temperature (C)	-40 to +85
Relative Humidity (%)	Up to 95
Ingress Protection	IP67
Vibration	10 to 55Hz with 1.5mm amplitude 2hours
Environmentally Friendly	ROHS Compliant

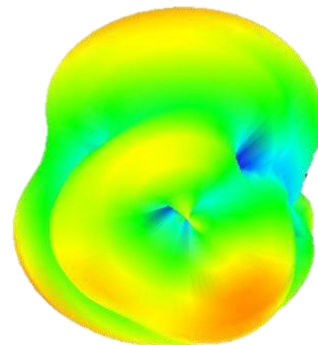
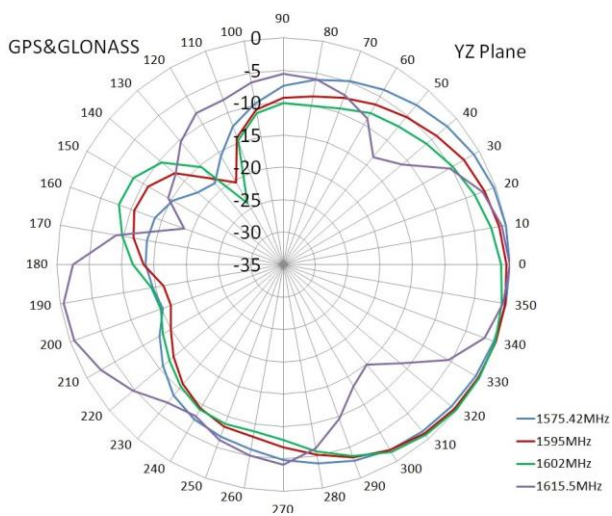
4. Radiation Pattern



3D Pattern Top



3D Pattern Side



3D Pattern Bottom

5. Antenna Drawing

