



PRODUCT DATASHEET

MG-A002-2mCE

Type GPS/GLONASS External Antenna
Frequencies 1575.42MHz / 1601-1610MHz
Mounting Adhesive & Magnet
Brand Name MG ANTENNAS



Revision #	Content	Page	Date
0	First, document	-	01.07.2021

1. SPECIFICATION

1.1 Electrical Specifications

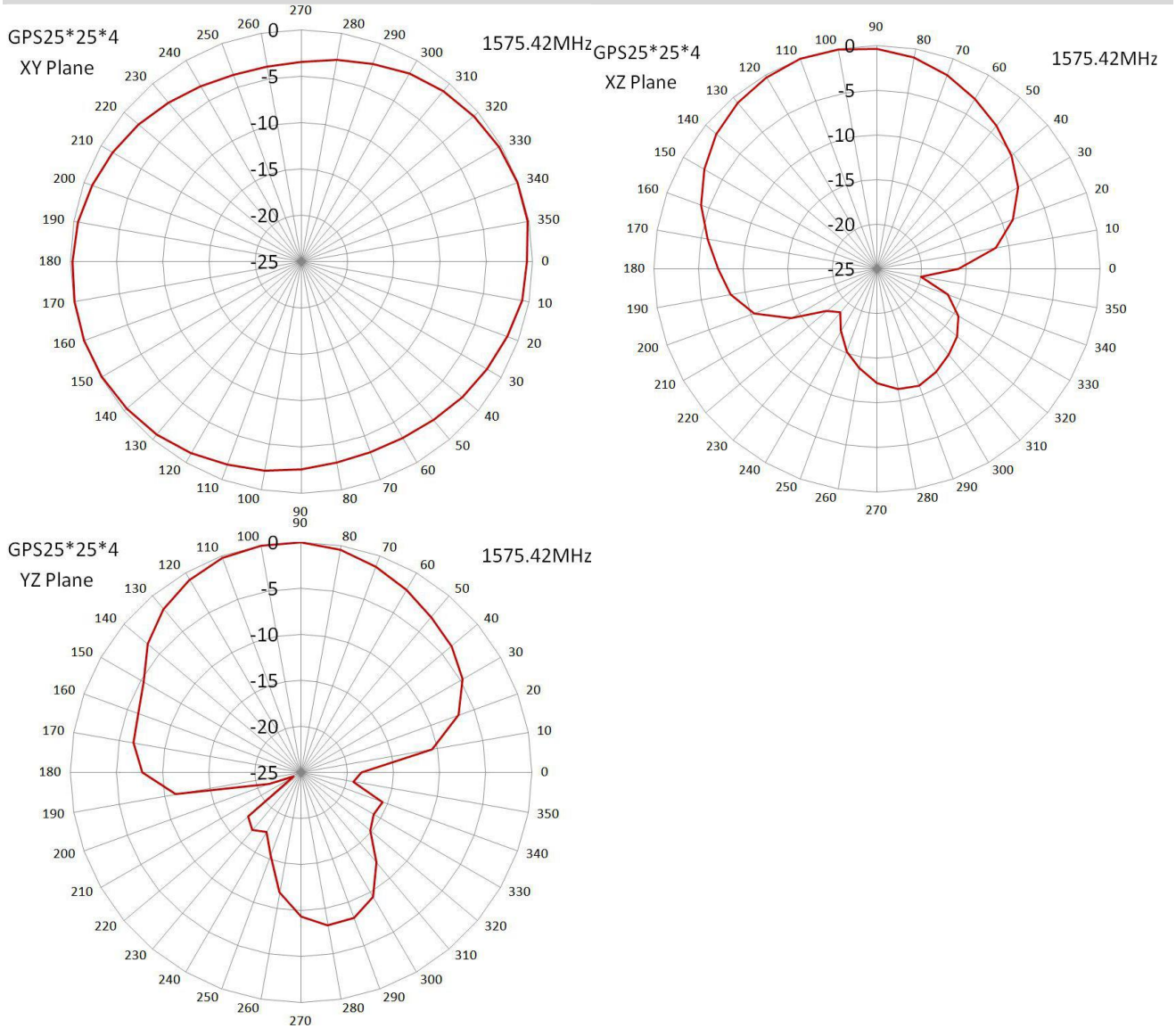
Frequency	GPS 1575.42 MHz GLONASS 1601-1610 MHz
Polarization	RHCP
Noise-Figure	1.5dB (+25°C±10°C)
Axial ratio	3dB (max)
Gain LNA	28±2dB
Supply Voltage	2.2~5V DC
Saw Filter	Pre-Filter
VSWR	1.5 :1
Impedance	50 Ω
Current Consumption	5~15mA

1.2 Mechanical and Environmental Specification

Cable (type and length)	RG174, 2m <i>or other*</i>
Connector	Cut end <i>or other*</i>
H.S Tube	Heat shrink tube
Housing Color	ABS Black
Mounting	Magnet/Adhesive
Dimensions	45.2 x 36 x 15.1 mm
Operating/ Storage Temperature	- 40 °C ~ + 80 °C
Lighting protection	DC grounding
Ingress Protection	IP65~IP67
Vibration	10 to 55Hz with 1.5mm amplitude 2hours

* Customizable Cable and Connector

2. MEASUREMENT



3. DIMENSIONS

