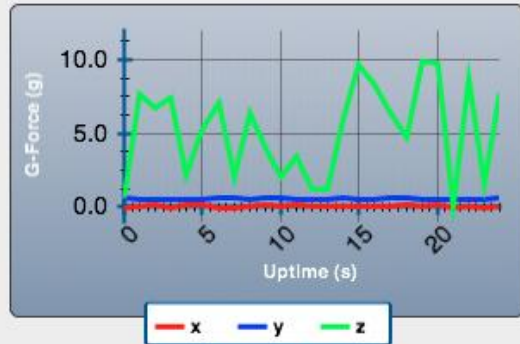
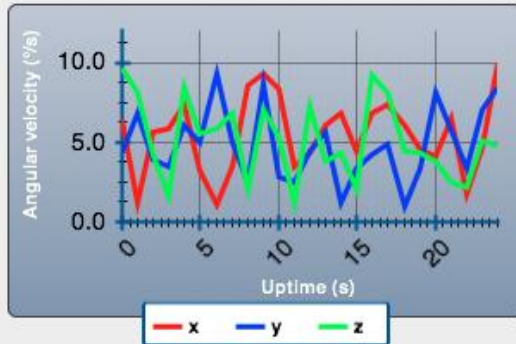


Accelerometer



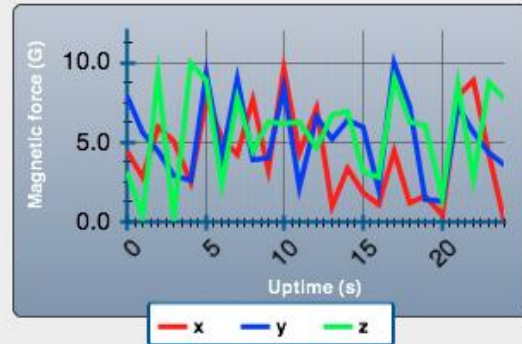
— x — y — z

Gyroscope



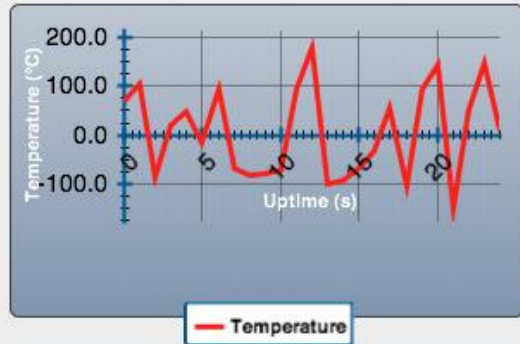
— x — y — z

Magnetometer



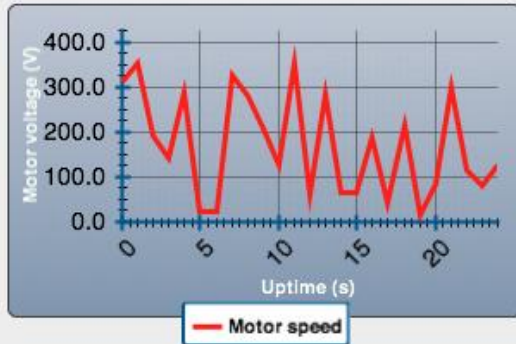
— x — y — z

Temperature



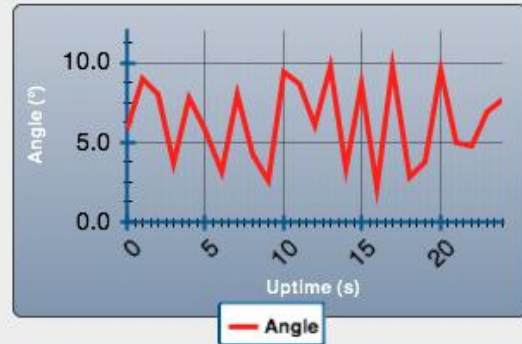
— Temperature

Motor speed



— Motor speed

Heading



— Angle

[21.0s]: Telemetry (acc: [0.133, 0.523, 8.708], gyro: [4.144, 0.097, 3.774], mag: [0.410, 1.300, 1.300], heading: 8.3], angle: [0.000], temp: [143.1], mtr [U: 300.3V, drc: 2]) - attached package 1 of 4
 [22.6s]: Telemetry (acc: [-0.022, 0.542, 0.112], gyro: [6.480, 5.701, 2.532], mag: [7.902, 7.229, 8.640], heading: 4.9], angle: [0.000], temp: [-148.9°], mtr [U: 300.3V, drc: 2]) - attached package 2 of 4
 [22.8s]: Showing telemetry panel
 [23.6s]: Telemetry (acc: [0.088, 0.577, 8.710], gyro: [1.685, 3.390, 2.214], mag: [8.892, 5.577, 2.726], heading: 4.8], angle: [0.000], temp: [52.1°], mtr [U: 115.8V, drc: 3]) - attached package 3 of 4
 [24.6s]: Telemetry (acc: [-0.031, 0.531, 1.550], gyro: [4.702, 6.990, 5.079], mag: [4.176, 4.333, 8.770], heading: 6.9], angle: [0.000], temp: [148.2°], mtr [U: 78.8V, drc: 1]) - attached package 4 of 4
 [25.6s]: Telemetry (acc: [-0.003, 0.583, 7.742], gyro: [9.996, 8.479, 4.771], mag: [0.049, 3.539, 7.642], heading: 7.6], angle: [0.000], temp: [8.8°], mtr [U: 126.6V, drc: 1])

Commands

- Rotate by ° with °/s Respect North
- Keep angular velocity at °/s
- Take a picture Continuously
- Stop taking pictures
- Go to magnetic North
- Reset system

Execute command

Satellite data

Accelerometer x: 0.024 y: 0.596 z: 5.967
Gyroscope x: 6.785 y: 1.140 z: 4.371
Magnetometer x: 3.299 y: 6.346 z: 6.904
Heading: 3°
Angle offset: 0.000°
Motor Voltage: 64.2V Direction: CW
Temperature: -92.3°
Last command: N/A



```
[10.0s]: Telemetry (acc: [0.116, 0.591, 4.020], gyro: [9.237, 0.651, 7.020], mag: [0.224, 4.034, 0.234], heading: 2.0, angle: [0.000], temp: [-61.1], mtr [U: 206.1V, drc: 3])
[11.6s]: Telemetry (acc: [0.036, 0.584, 2.003], gyro: [8.369, 2.816, 5.351], mag: [9.600, 8.412, 6.214], heading: 9.4, angle: [0.000], temp: [-72.9], mtr [U: 127.7V, drc: 3]) - attached package 1 of 4
[12.6s]: Telemetry (acc: [0.124, 0.539, 3.402], gyro: [3.418, 2.458, 1.240], mag: [4.274, 2.152, 6.246], heading: 8.6, angle: [0.000], temp: [94.8], mtr [U: 354.6V, drc: 1]) - attached package 2 of 4
[13.6s]: Telemetry (acc: [0.071, 0.542, 1.209], gyro: [4.376, 4.388, 7.263], mag: [7.107, 6.624, 4.676], heading: 6.0, angle: [0.000], temp: [178.5], mtr [U: 61.7V, drc: 1]) - attached package 3 of 4
[14.6s]: Telemetry (acc: [0.085, 0.511, 1.274], gyro: [6.093, 5.568, 3.800], mag: [0.975, 5.169, 6.675], heading: 9.7, angle: [0.000], temp: [-101.2], mtr [U: 285.7V, drc: 1]) - attached package 4 of 4
[15.6s]: Telemetry (acc: [0.024, 0.596, 5.967], gyro: [6.785, 1.140, 4.371], mag: [3.299, 6.346, 6.904], heading: 3.3, angle: [0.000], temp: [-92.3], mtr [U: 64.2V, drc: 2])
```