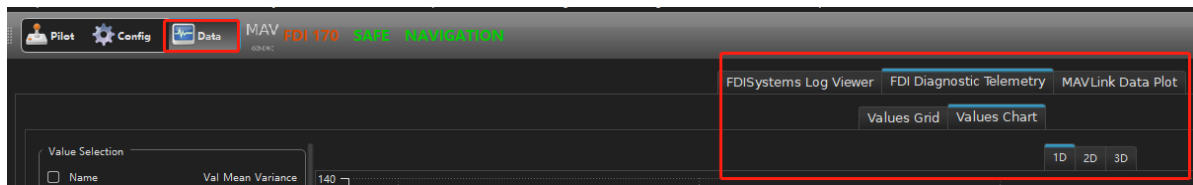# Graphical display of data

Before performing the following operations, please confirm that the inertial navigation module has been connected to the host computer.
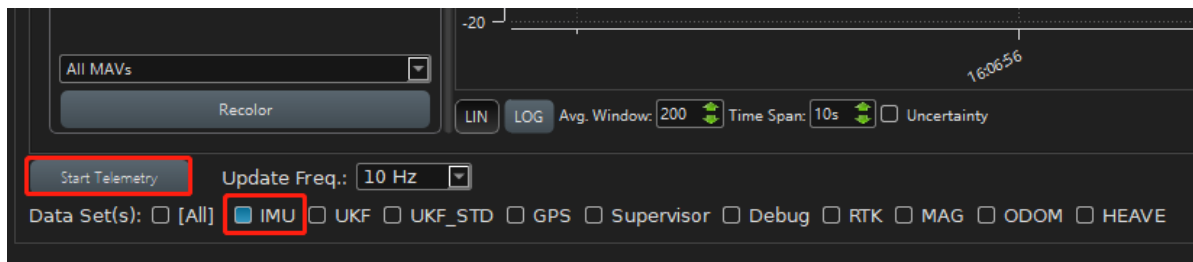
First, save the graphics data

1. Open the graphical display interface and click Data->FDI Diagnostic Telemetry->Values Chart->1D in turn.

2. Open the IMU data channel

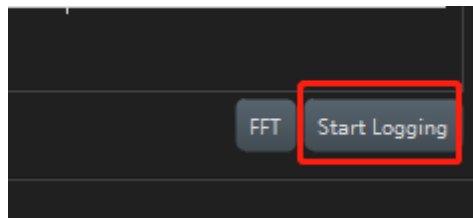Check the IMU first, and then click Start Telemetry to open it.

At this time, the screen starts to move, but there is no data. You need to check ROLL, PITCH and YAW to display the RPY information of the inertial navigation module. Now the graphical interface on the right has displayed the attitude information of the current inertial navigation.
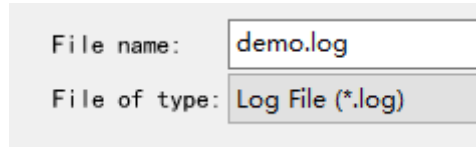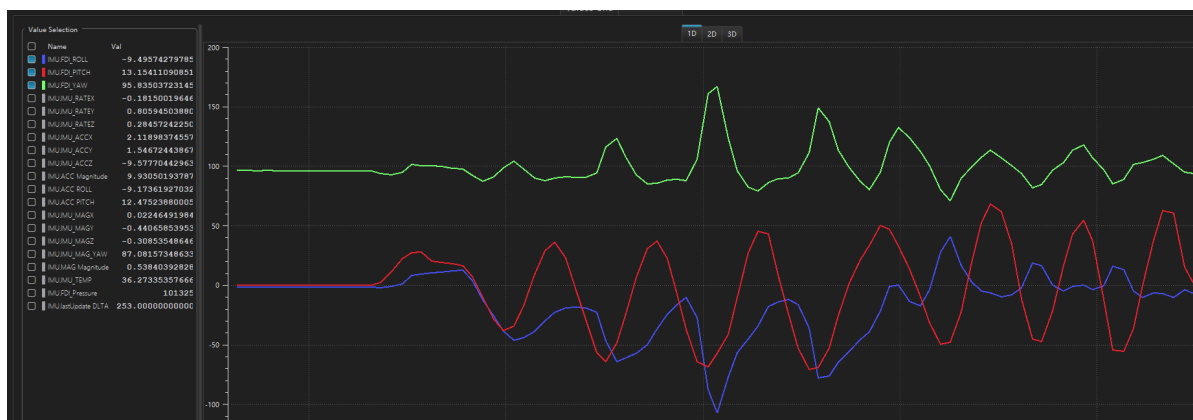

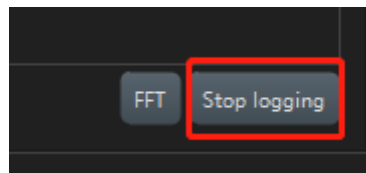3. Then click Start Logging in the lower right corner to record this data.

It should be noted here that you need to modify the save type to .log type, the file name here is to enter demo.log as an example, and then click Save.

4. In order to make the effect more obvious, please pick up the inertial navigation module, swing the inertial navigation module arbitrarily, and you can see that the graphical interface has changed.

5. When we do not need to record, we need to click Stop logging in the lower right corner to stop recording and save the file.
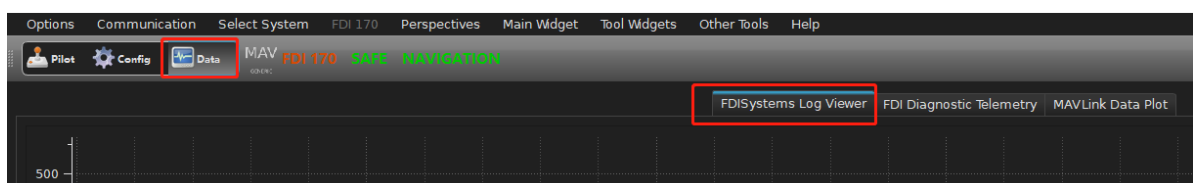

You can see the demo.log file in the saved path. The demo.log file records the graphical changes from clicking Start Logging to clicking Stop logging.
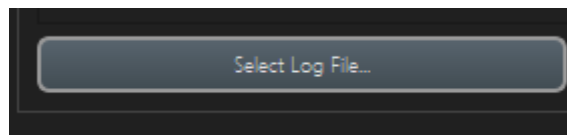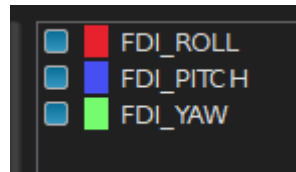

Second, display graphic data

1. Switch to the graphic display screen FDISystems Log Viewer.

2. Click Select Log File in the lower left corner to select the demo.log file you just saved.

Select Log File...

3. Select the channel to be displayed in the upper right corner and check all.

FDI_ROLL
FDI_PITCH
FDI_YAW

4. Then click Draw Graph below to draw a graph.

Draw Graph