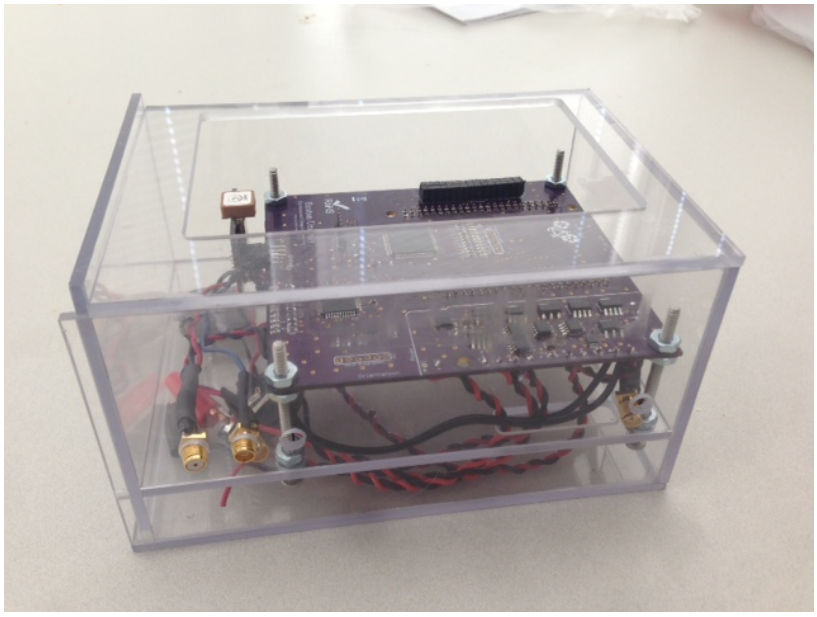
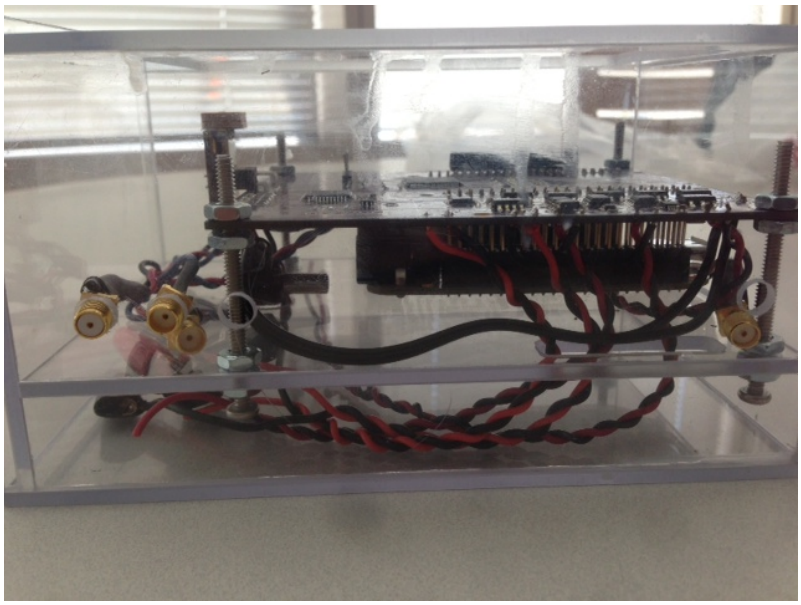
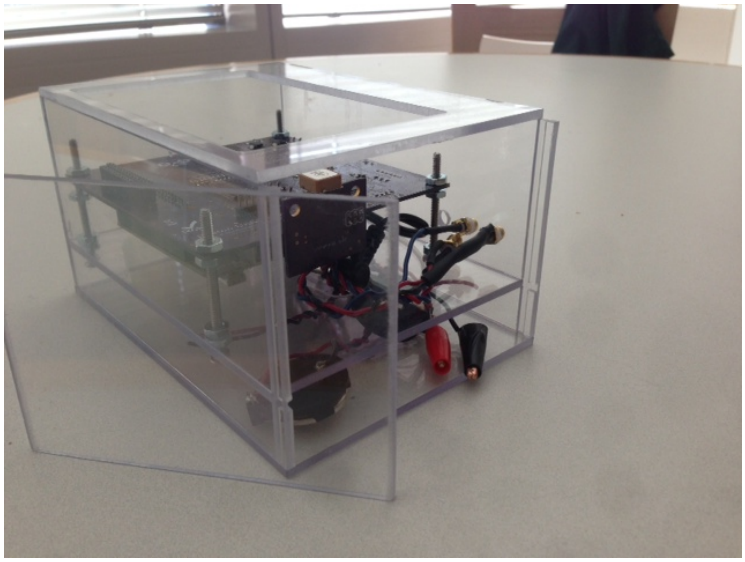


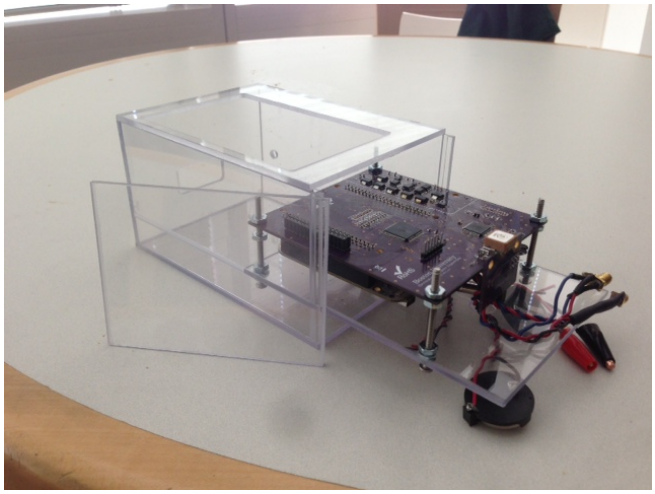
The picture above represents the fully assembled system encapsulated in it's polycarbonate case. The External SMA connectors are visible on the left side of the module. The SMA's are used to connect to the peripherals. See the User Manuals- Setup section for more information.



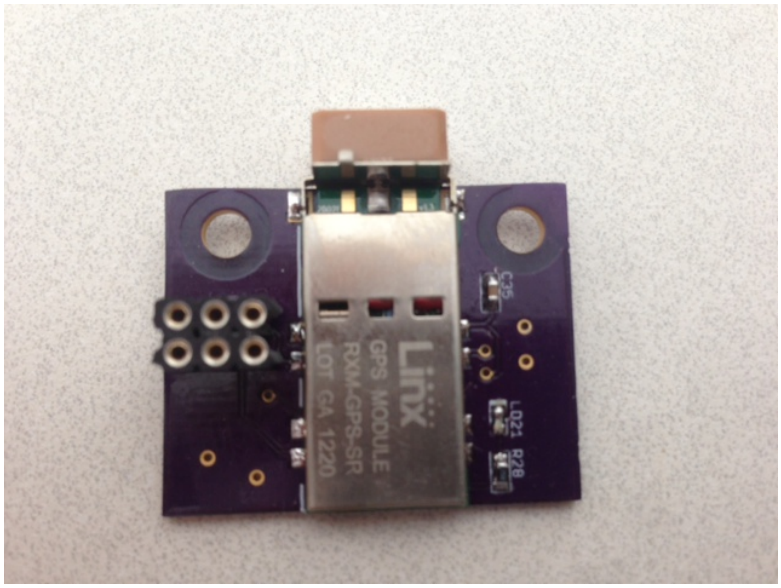
This photo shows a side view of the module, specifically the SMA holes and the multi-level casing and how it fits with the PCB. You can see the PCB is elevated and held in place by screws and hex nuts. The level is adjustable.



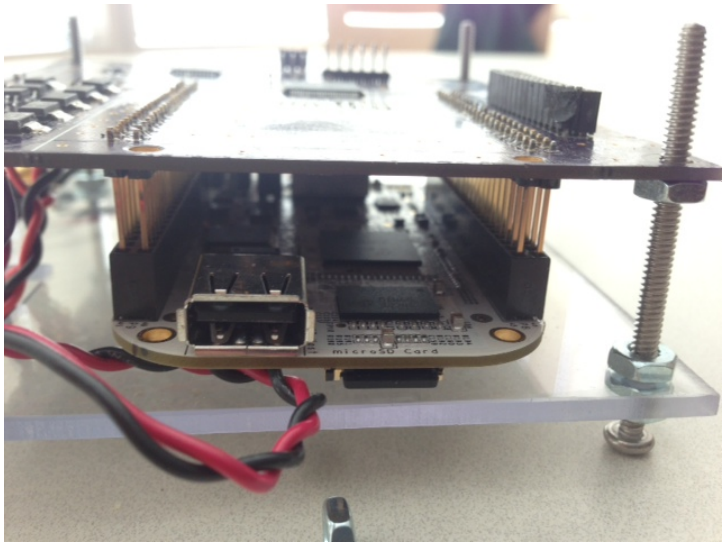
This photograph shows how the PCB and batteries can be extracted from the casing. The side of the case slides up and out of a crevace exposing the circuit board and batteries.



This photo is an extension of the previous and shows how the PCB can be slid out from inside the casing. The battery leads and SMA connectors slide out with it, so make sure to remove the connectors from their holes before yanking the board out.



The module above is the GPS breakout board. This board must be mounted perpendicular to the ground to allow for optimal RF reception. If the antenna is parallel to the ground signal strength falls by ~3dB. THe indicator light on the side of the module pulses once a second when a location fix has been attained.



The above photos shows the BeagleBone mounted underneath the main PCB via long headers. The BeagleBone USB port is clearly visible and is on the very rim of the case to allow for easy access.