[22:59](https://qret.slack.com/archives/DNFM42GRK/p1680058763953529)

-Batteries & SD Card are easily accessible

* May be difficult for SD card, as its at base of board

-USB-B port accessible (on side? no precise spacing needed))

* USB-B port doesn't have any screws, so will probably be glued into case; add supports for it to glue on-to?

-Two antenna connectors on "top" side (no precise spacing needed)  
-PCB & battery pack screw down into case  
-Bottom of PCB must be accessible (switch & SD card are there)  
-Case can be closed and be relatively dust-proof

* Maybe also put a little shutter or something over the USB-B port?

-Case must be as small as possible (within reason); ideally can fit in a pocket  
-LED indicators on front panelPCB is 90mm x 65mm, the mounting holes are 3.5mm in diameter (should be the same as the altimeter & gps, I think). Mounting holes are 57mm apart width-wise, & 82mm apart height-wise.I don't have dimensions for the battery pack, antenna connectors, nor USB port, but they're all in the office in the avionics box(Who needs CAD when you have microsoft paint :sunglasses:) (edited)

Well some of the components that needs to be accessible is the SD Card slot & the power switch, both of which are on the PCB itself.For the "no precise spacing", I was thinking just referencing my shitty drawing. The two anetenna jacks should be equally spaced & centered, ideally.Placing the battery pack at the front of the PCB (rather than back) would make the SD card more accessible, but would also mean I have to extend the antenna wires from the wireless module more (which I would like to avoid, if possible).What are your thought on placing the battery (plus jacks like the USB-B & the antenna ports) BENEATH the PCB? Accessibility for the battery would be a little difficult, though. (edited)

Measure dimensions for the battery, antenna connectors, and usb B port  
Features: hidden hinge design, flat head screw for exclosure  
Clips for holding ports  
Chamfer/fillet corners

Box

Lid