

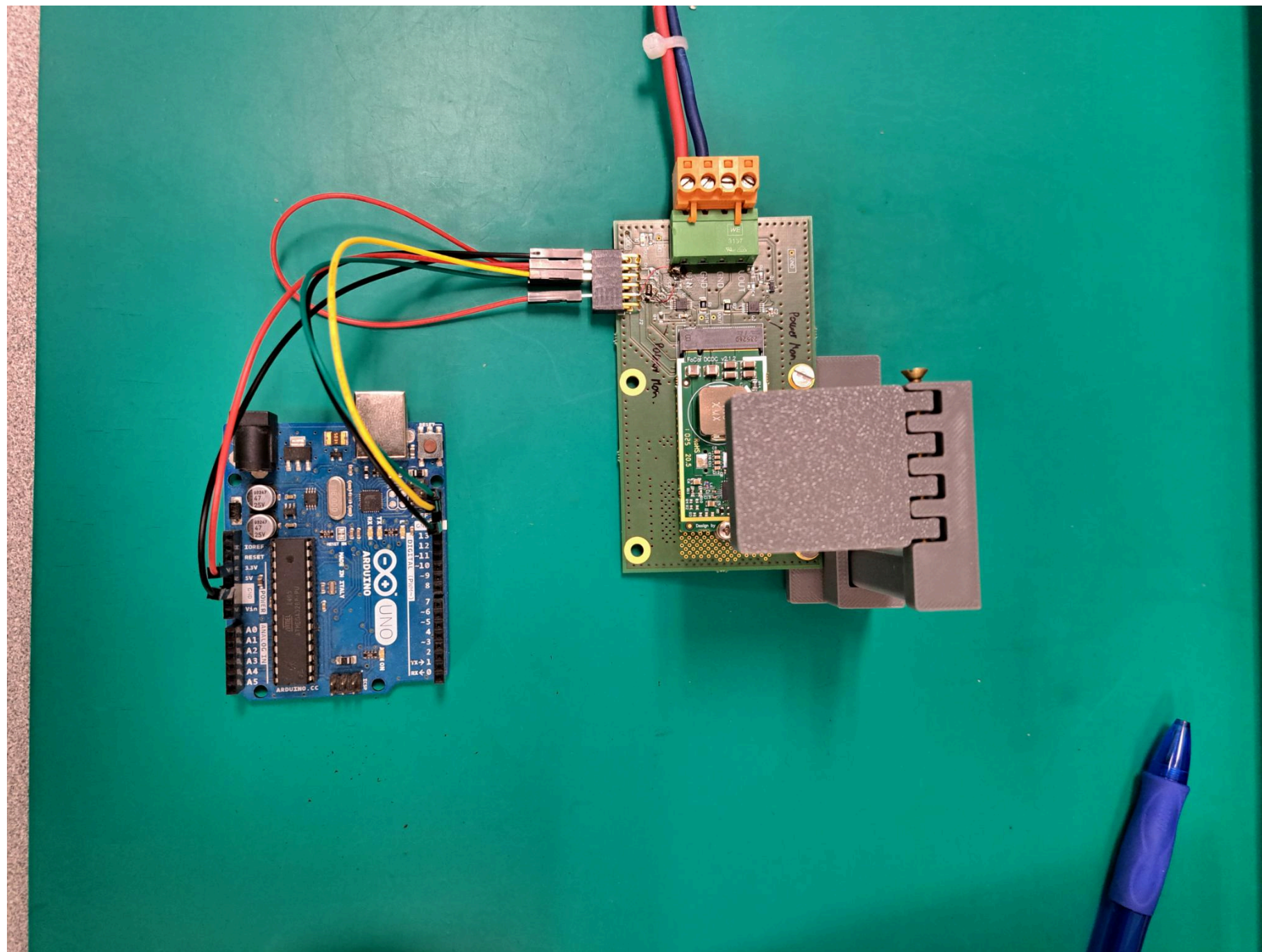
# eRD109 update

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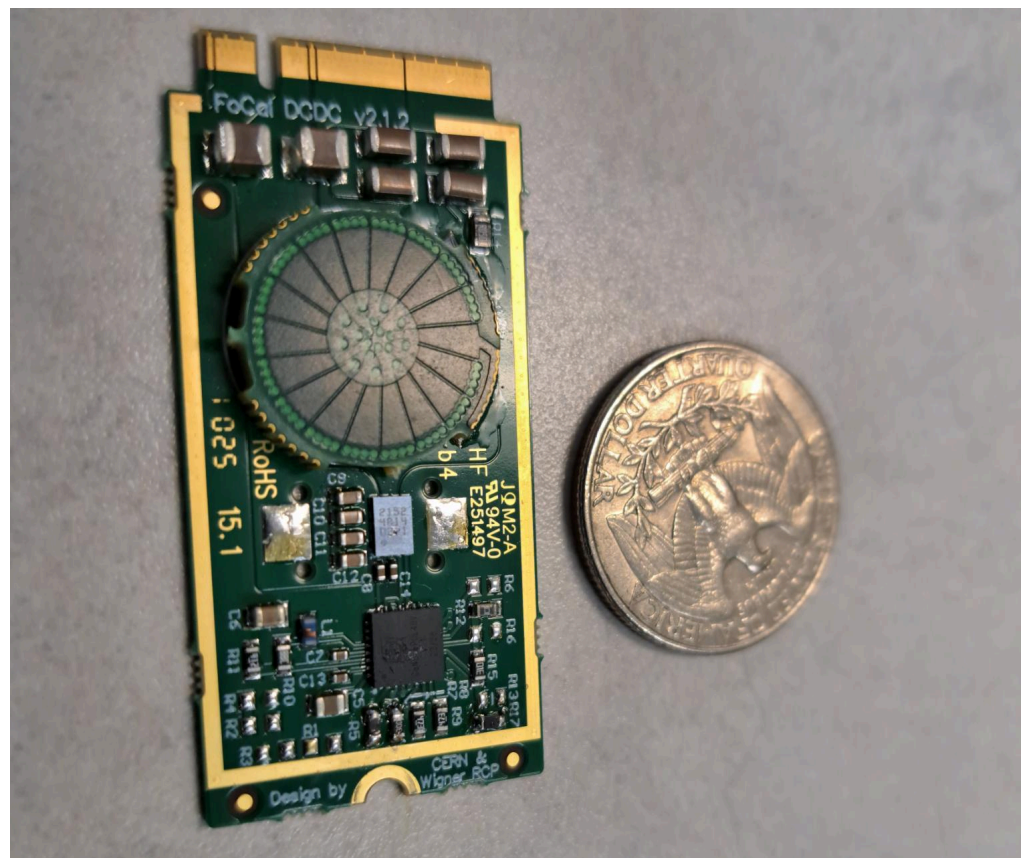
# DC-DC Bpol48



## Received three BPol48 with one testboard from CERN:

- One with ferrite was sent to Indiana (Gerard is currently on vacation)
- One ferrite core one here for baseline testing in ORNL
- We received one with a special air-coil developed in CERN:
  - Initial testing at CERN are very promising
  - Will repeat and report on testing soon

ORNL does not have programmable DC load device, ordered and it is on the way here now to begin testing



Aircoil one from CERN



**The air-coil DC-DC module is in total 4 mm thin, this is a prototype from CERN (only 20 were produced)**

- This is a specialized PCB with vias and traces
- Possible upgrade to sink it into the other PCB, reducing the height by 0.88mm (some components has to be revised)