

# Possible Fermilab Role in QUIET Phase-2

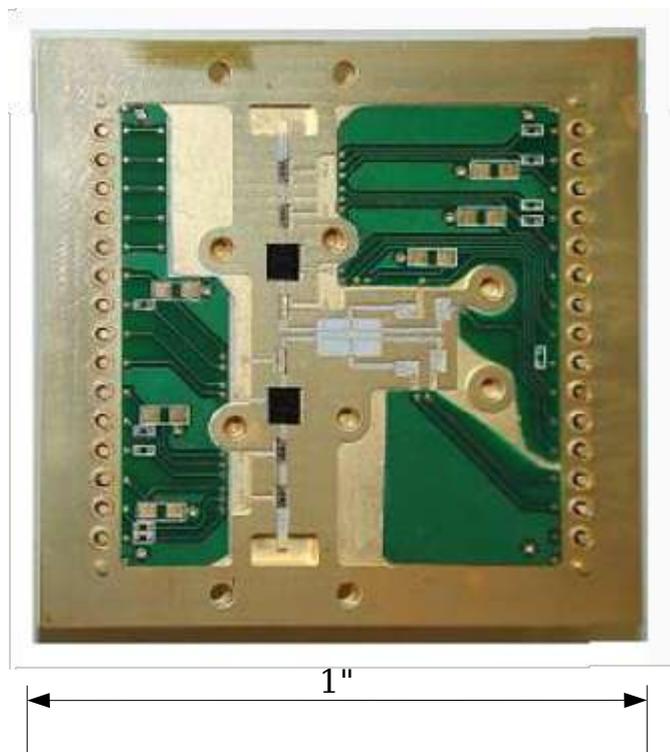
Why ? Here are MY answers:

- To do first-rate science in the **very near term**, science that has its roots in the **chicago-land area**.
- Reinforce historically strong ties between Fermilab and the U of Chicago.
- A strong and experienced collaboration that is **very welcoming** to Fermilab participation (**especially to HEP-trained physicists**).
- QUIET-2 will be a **LARGE** scale **CMB** experiment. Experience and expertise of a **US** national lab will be needed.
- QUIET Phase-2 is unfunded. Fermilab participation would help get Phase-2 approval.

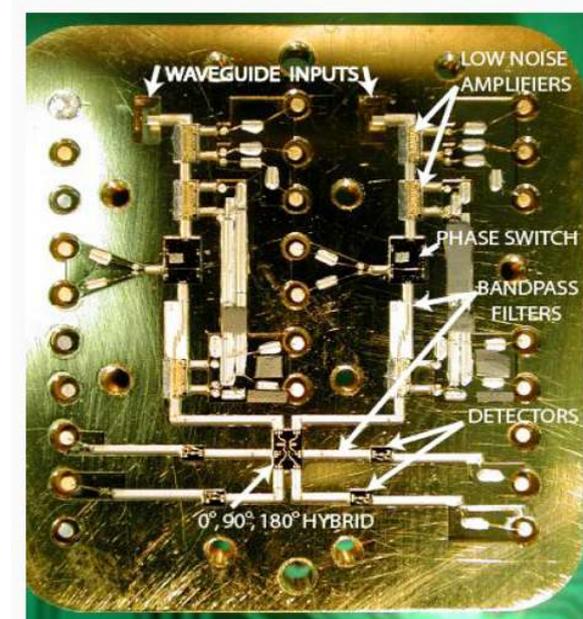
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## - Fabrication Assembly and testing of Electronics Modules

In-line with our experience with silicon tracking detectors for CDF, D0, and CMS. And astronomical CCD packaging for DES and JDEM.



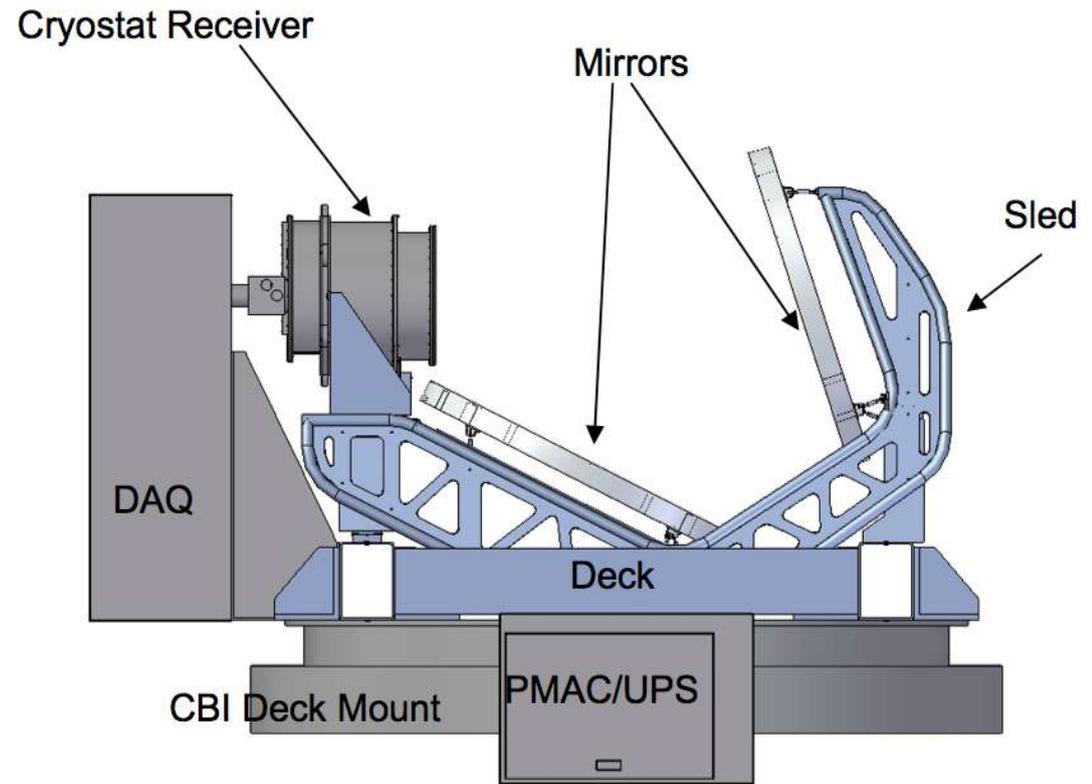
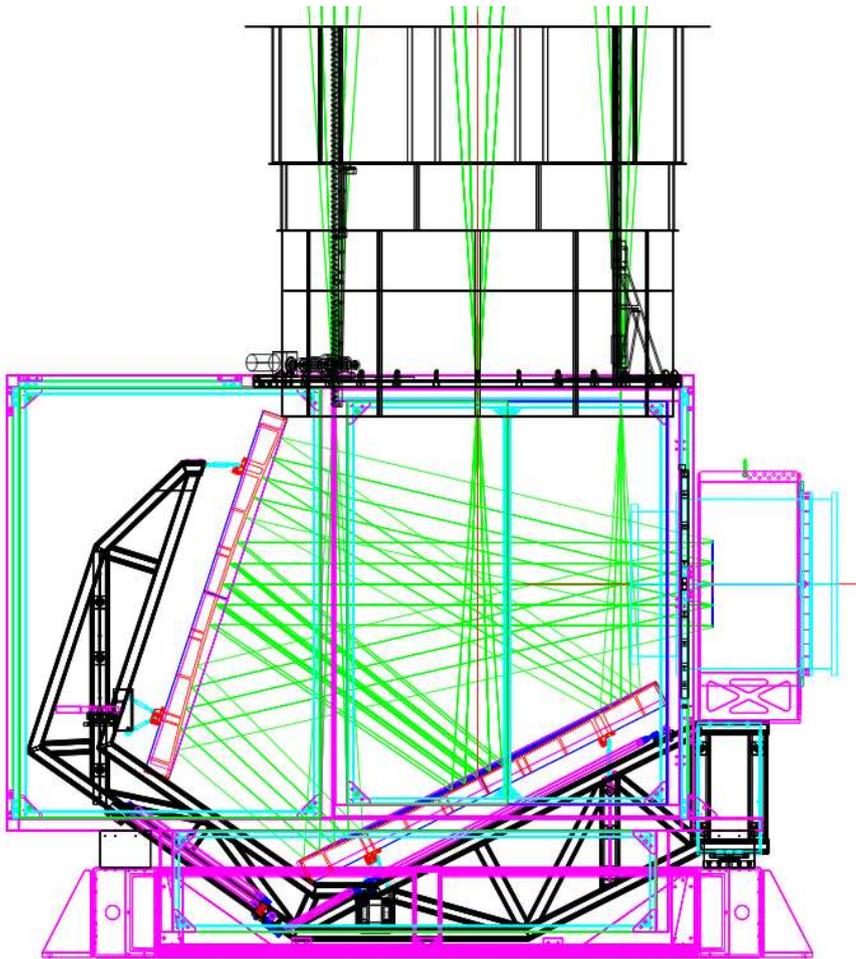
40 GHz Module



90 GHz Module

# Possible Fermilab Role in QUIET Phase-2

- Project Mechanical Engineering and Project Management



**This would be a huge and challenging commitment**