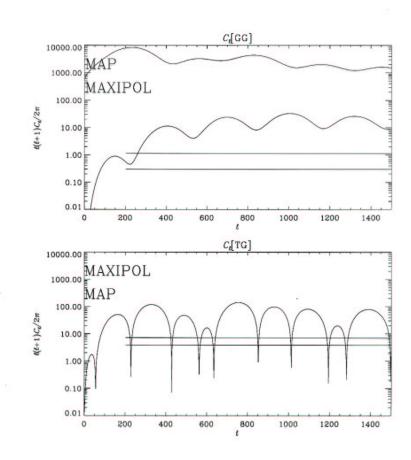
MAXIPOL: Measuring the Polarization Anisotropy of the Cosmic Microwave Background Radiation



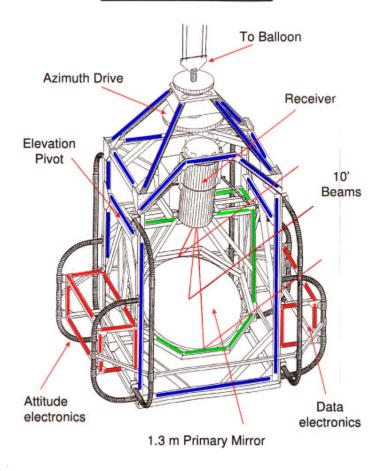
Brad Johnson University of Minnesota

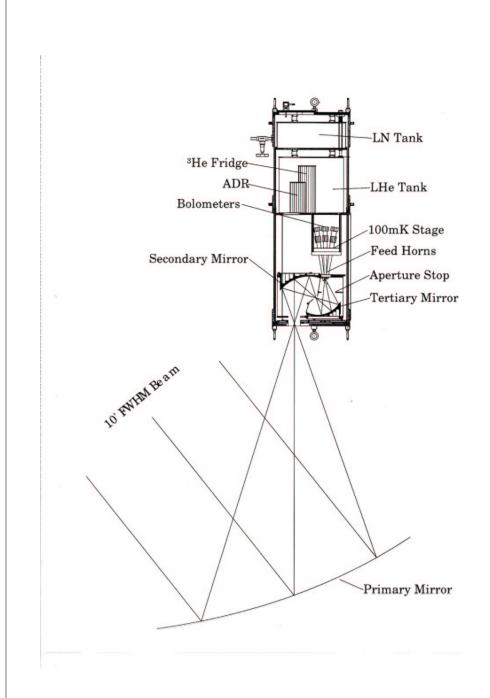
Matt Abroe², Peter Ade³, Jamie Bock⁴, Julian Borrill^{1,6}
Jeff Collins¹, Pedro Ferreira⁵, Shaul Hanany²; Andrew Jaffe⁹,
Trevor Lanting¹, Adrian Lee¹, Tomotake Matsumura²,
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George Smoot^{1,6,7}, Radek Stompor^{1,7,8}
Huan Tran¹, Celeste Winant¹, Proty Wu

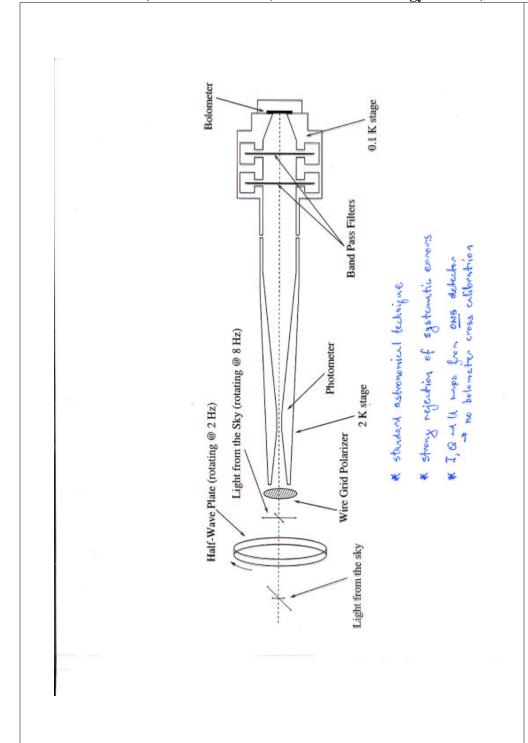
University of California
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 Queen Mary and Westfield College
 Jet Propulsion Laboratory
 University of Oxford
 Division of Physics, LBNL
 Space Sciences Laboratory, UCB
 Copernicus Astronomical Center
 Imperial College



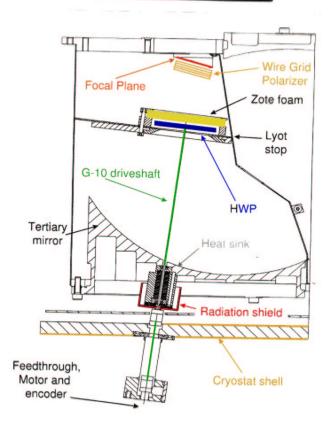
MAXIPOL Instrument

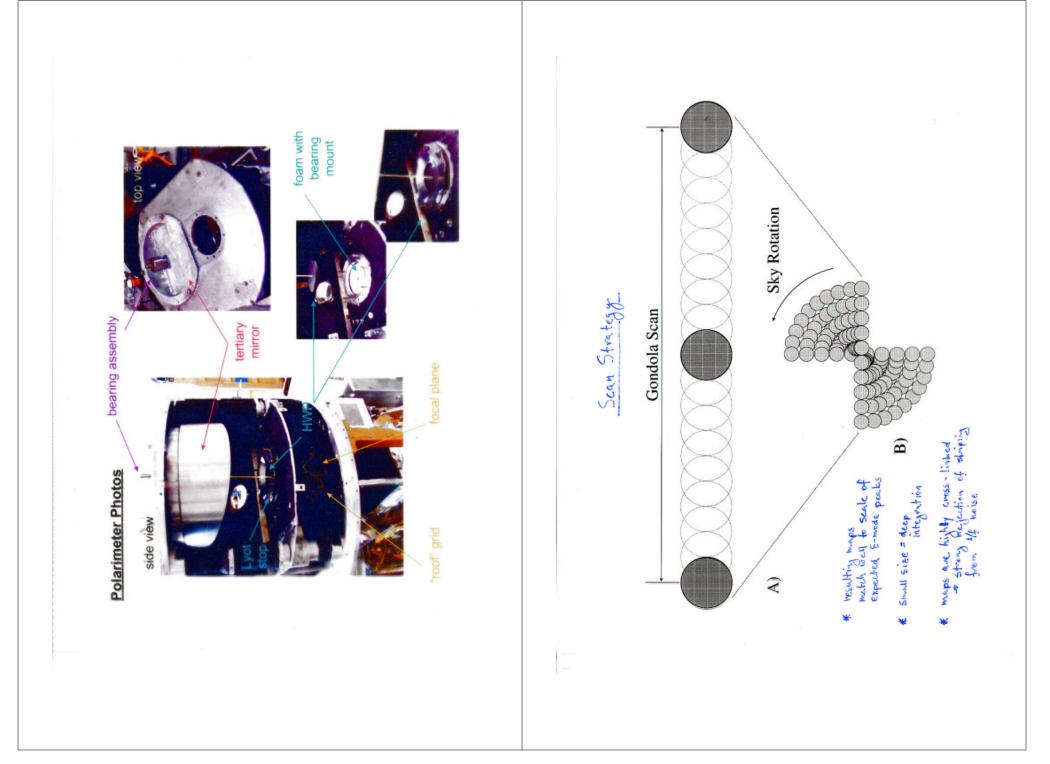


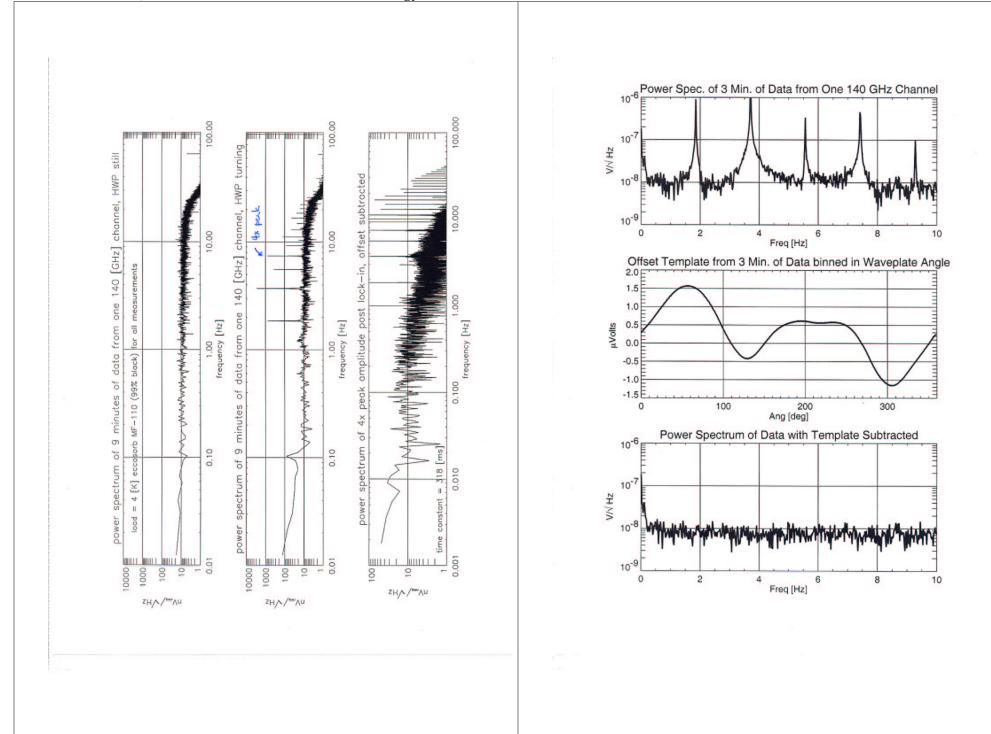


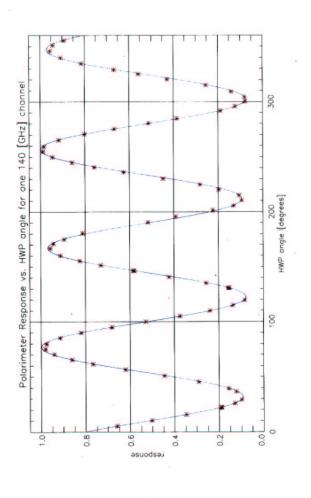


MAXIPOL Polarimeter









Future Work

- The MAXIPOL payload is integrated and awaiting launch from NASA's National Scientific Ballooning Facility in Ft. Sumner, New Mexico
- The fall launch season is approaching --September 2002
- Weather permitting, we expect to have a data set in hand by October 2002.
- We plan to launch the payload twice in the next few years.
- Data analysis pipeline is currently being constructed.

