











## Wilkinson Microwave Anisotropy Probe (WMAP) Sate<u>llite</u>

- Measure spatial variations in temperature of the CBR
- Sensitivity is 0.000035K (a part in 100,000).
- Anything in the instrument even 0.0001K warmer is fatal.
- Symmetric design
  - Record temperature difference between left & right channels. Temperature difference is small.
  - Rotate entire instrument.
    - Instrumental problems do not change; radiation from the sky does change.











