

Imager and Spectrometer

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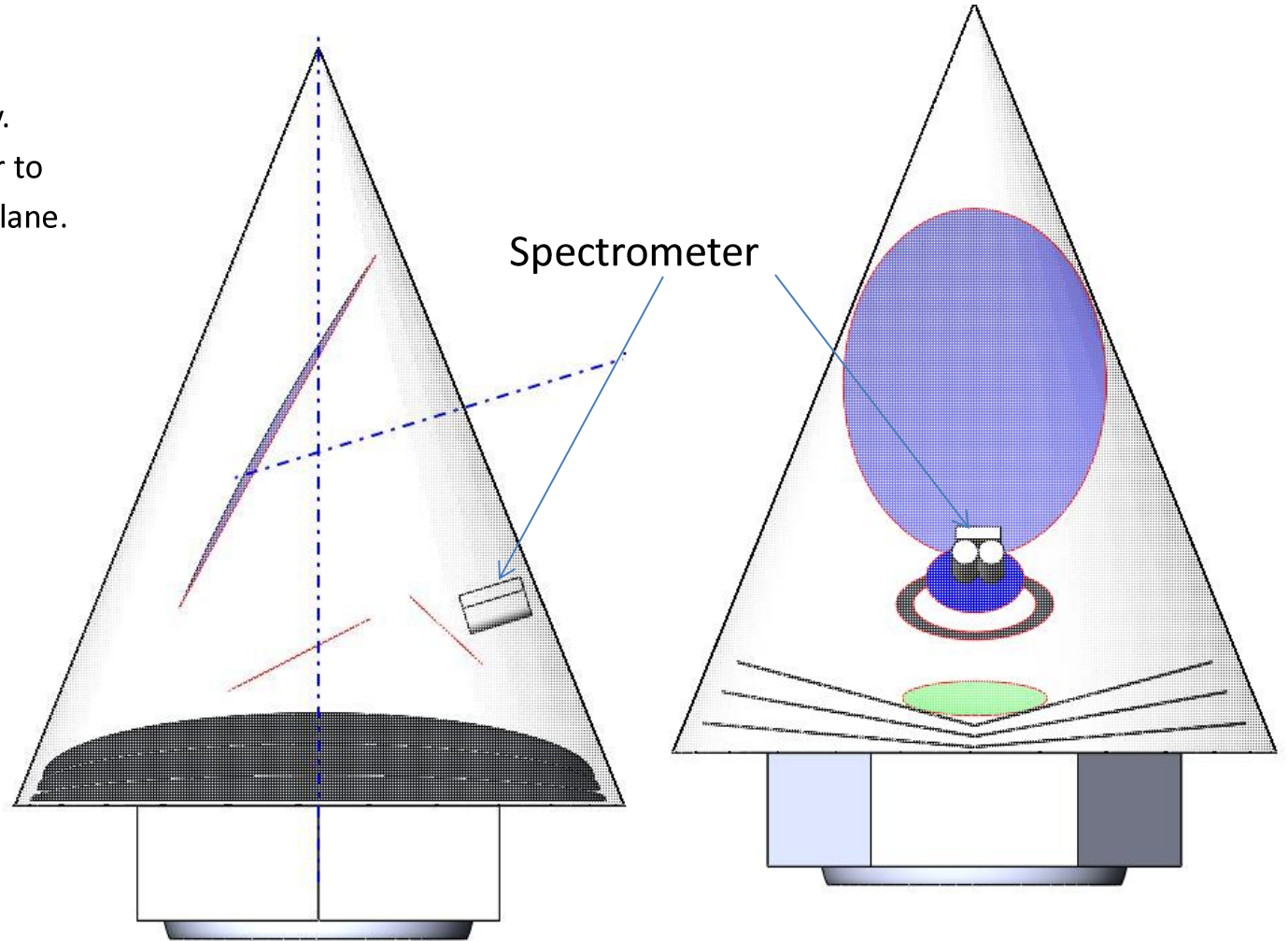
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Status

- Goal: Add a PIXIE-like spectrometer to the imager
- PIXIE adapted (from Al Kogut) to 3THz upper cut-off
 - Dimensions: 2, 20 cm mirrors and FTS box is 34 x 10 x 48 cm
- This 'mini-PIXIE' fits in envelope with the imager.
 - Boresight to satellite access is matched.
 - FTS box is as close as possible to imager focal plane.

Open Dragone

- Spectrometer fits easily.
- Can be adjusted further to allow for thicker focal plane.



Crossed Dragone

- Folded system designed by Qi.
- Spectrometer fits near focal plane

