

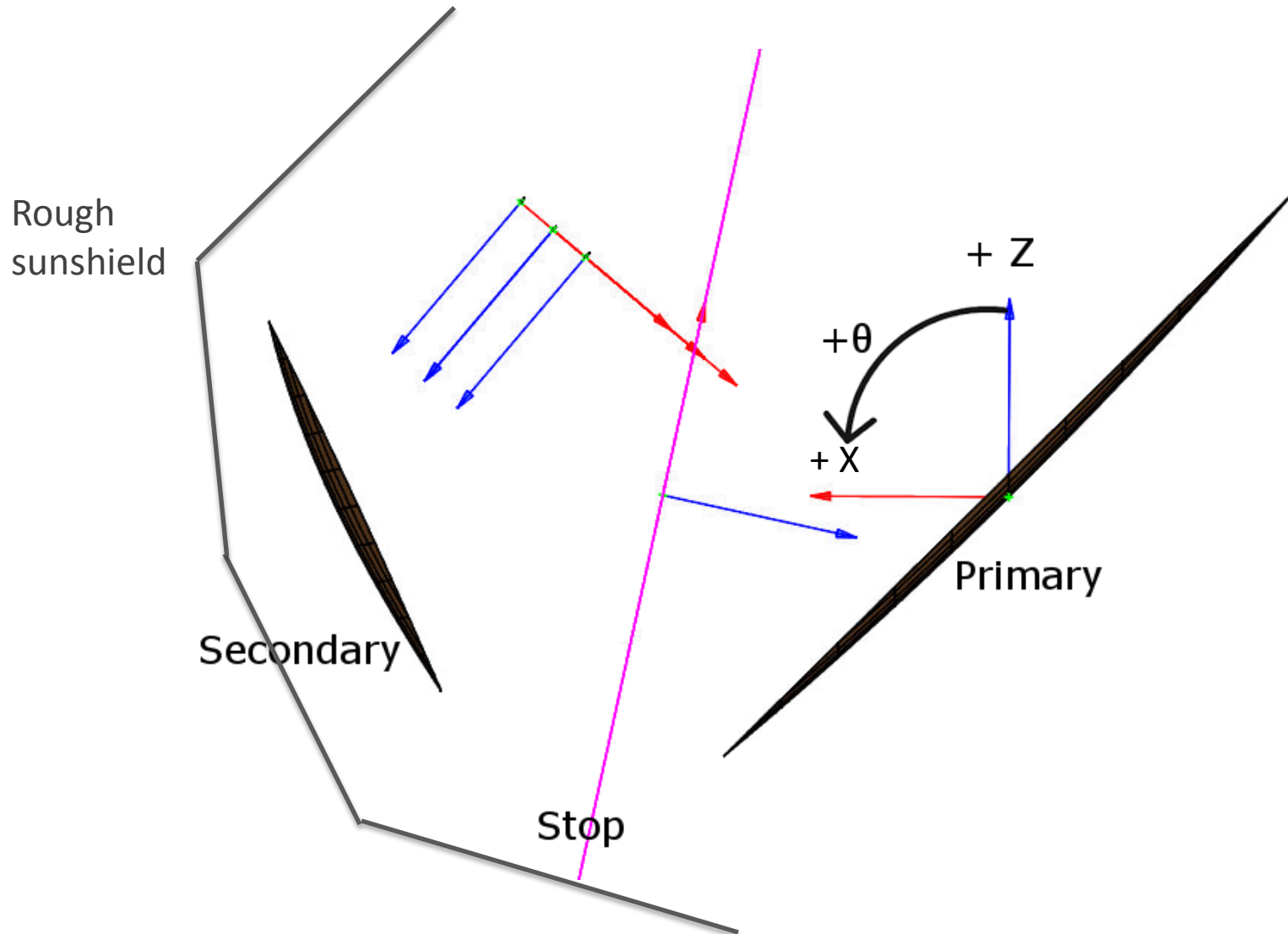
# GRASP

March 14, 2018

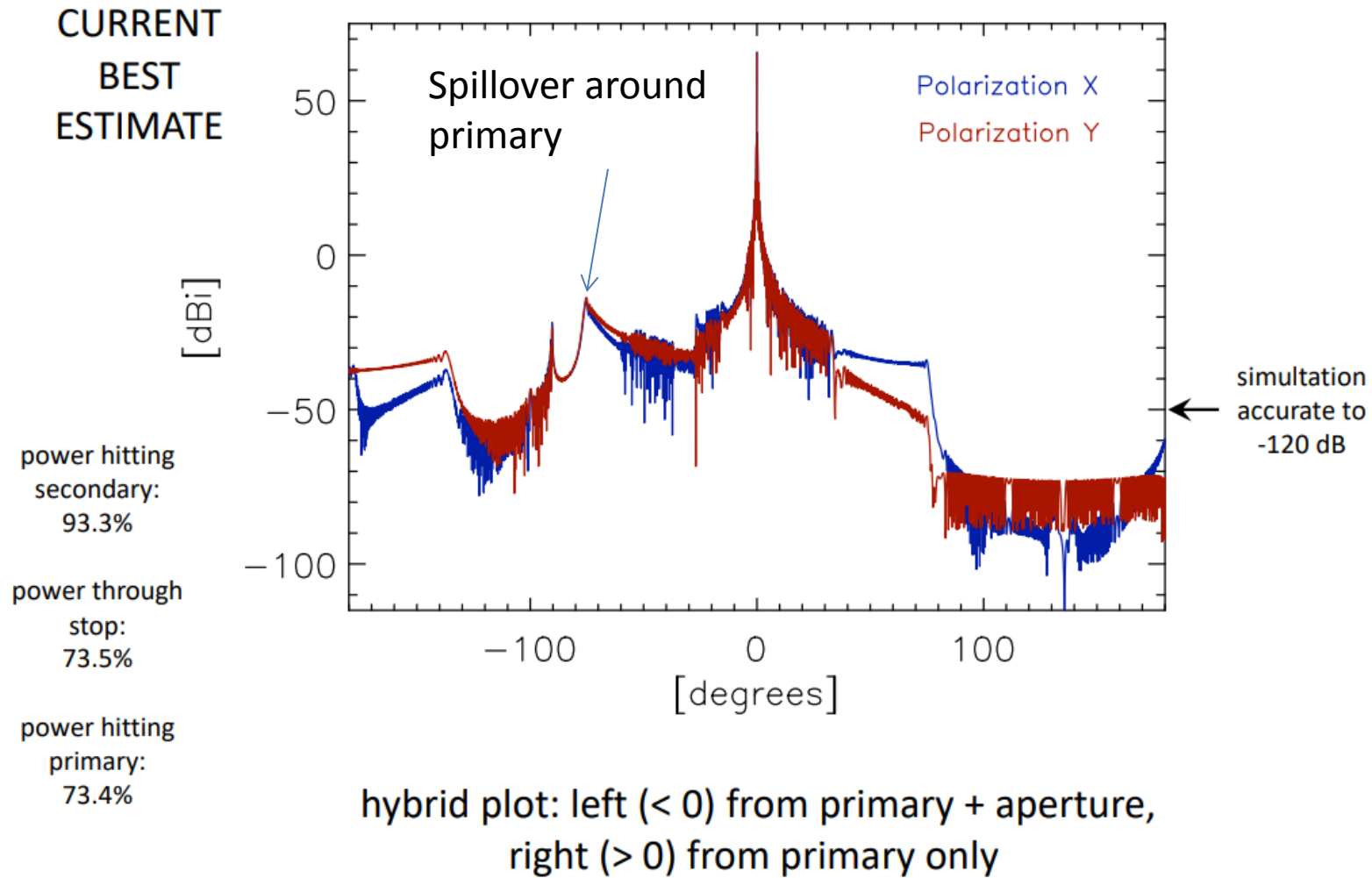
Karl Young, Brad Johnson, Shaul Hanany

# Coordinates

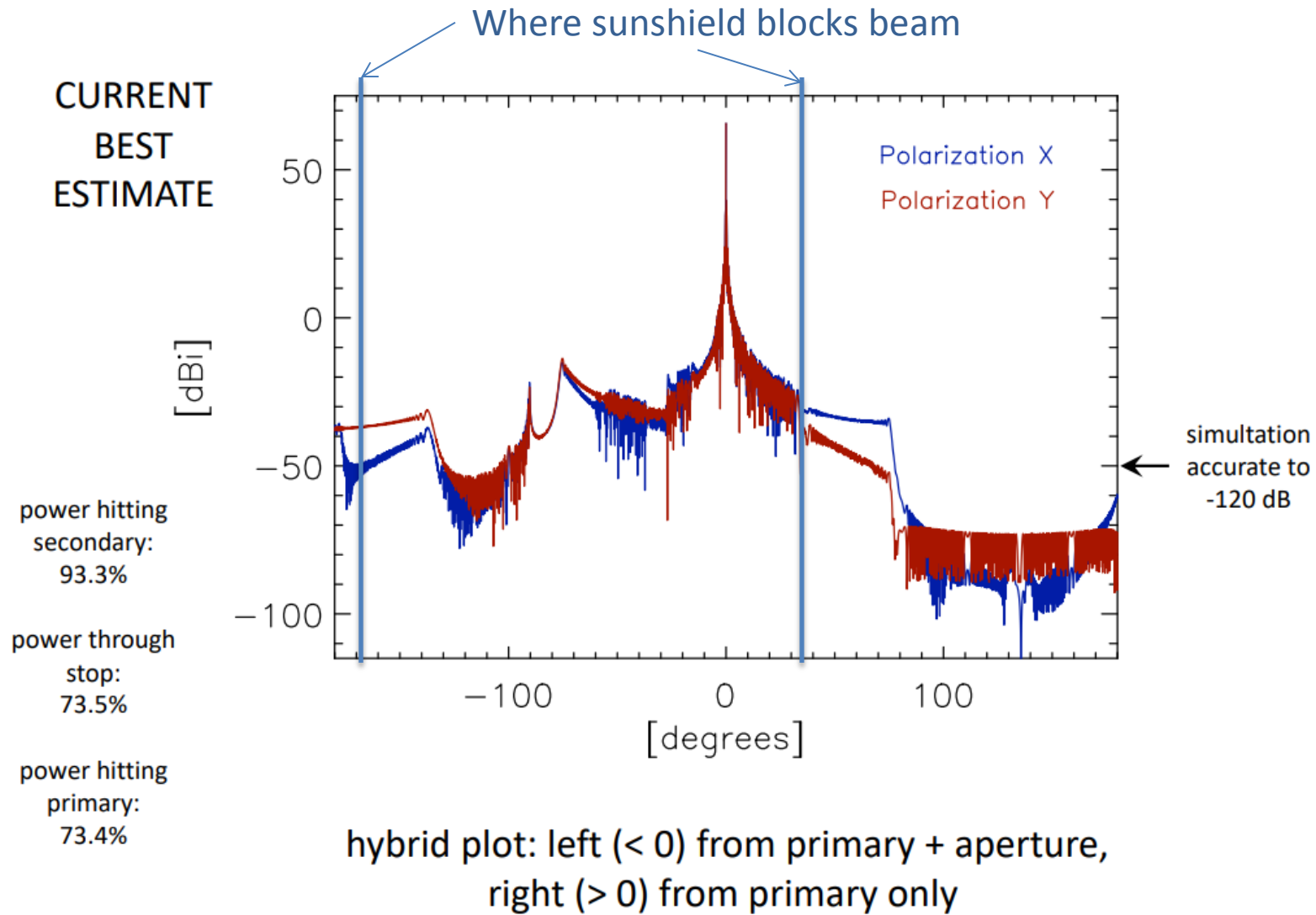
- All beam maps / cuts are in polar coordinates centered on the primary mirror.
- Phi is 0 at negative X axis and positive toward Y ( + Y is out of the page.)
- X polarization is in the plane of the page.



# Far Side Lobes, Center Feed, 150 GHz



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# Summary

- Far sidelobes cuts from Brad. 0.1 deg resolution
- I have made 4 pi maps at 1 deg resolution.
- We convinced ourselves that Brad's method makes sense.
  - Running remaining beam cuts at  $\phi = 90$  (current are at  $\phi = 0$ ).