

Issues for baseline definition

- KID-based focal plane
 - TRL at $f < 120$ GHz
- Lenslets coupling:
 - Heat load @1K from the black FPA shield
- Horns coupling:
 - Weight of FPA. 30 kg not acceptable. 3 kg acceptable.
- Gregorian telescope:
 - Optical quality at periphery of FP – defocus at tiles edges
 - Additional large lens for flat telecentric FP
- Cross Dragone:
 - Can be accommodated in the V-grooves, in a 2 V-grooves design ?
 - Can straylight be shielded ?