

Trigger

- Required Rate: $\sim 1\text{Hz}$
 - Rate based on 7 sigma cut on white noise
 - issue: pulsed RFI:
 - Earth based:
 - single station → check station status if rate gets too high
 - coincidence of signal between two groups of stations
 - (anti-)coincidence of multiple beams on/off Moon
 - Check sidelobes, signal can be visible in more than one beam
 - Cross correlate signal in all beams with psf
 - use dedispersion:
 - require signal to be dispersed to be sure it went through atmosphere: dedispersed power > original signal
- Trigger simulations/ field tests