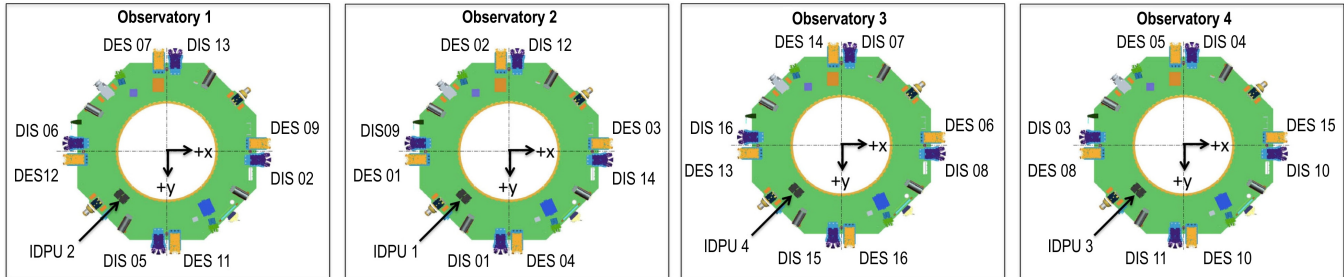


2.1.1 MMS FPI Spectrometer Status



- MMS3 DIS008 energy sweep limited to maximum of 21 keV.
- MMS4 DES1 (DES210) HV801 optocoupler (ESA high range stepper circuit) failure has left the unit permanently disabled, as of 5Jun2018 12:43 UTC. ref
- MMS4 DES0 (DES215) HV801 optocoupler failure (Deflector0 high range stepper circuit) allows the ESA to sweep the full range of energies at one extreme, uncalibrated deflection angle, as of 15Jul2018 00:49 UTC. This spectrometer has not been in operation since the optocoupler failure. ref