The GRB Simulator: A Testing System for GOES-R Rebroadcast (GRB) Receivers

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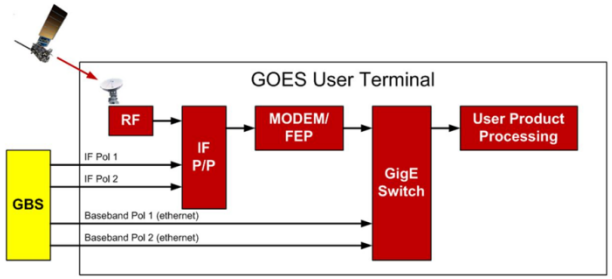
- Provides high-fidelity streams of Consultative Committee for Space Data Systems (CCSDS) formatted GRB packet data equivalent to live GRB data
- GRB Simulator provides
  - Instrument data packets
  - Metadata packets
- Instrument packets provide data simulated from any instrument
  - Imagers (ABI, SUVI)
  - Non-Imagers (GLM, SEISS, EXIS, MAG)