

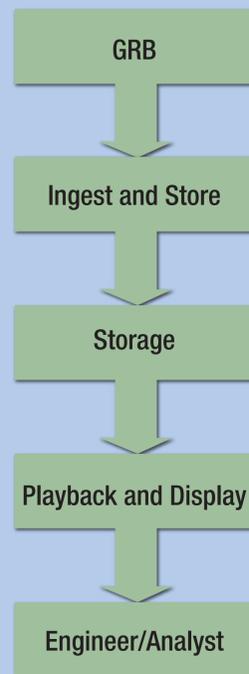


GOES-R Playback and Display: Interacting With Movies

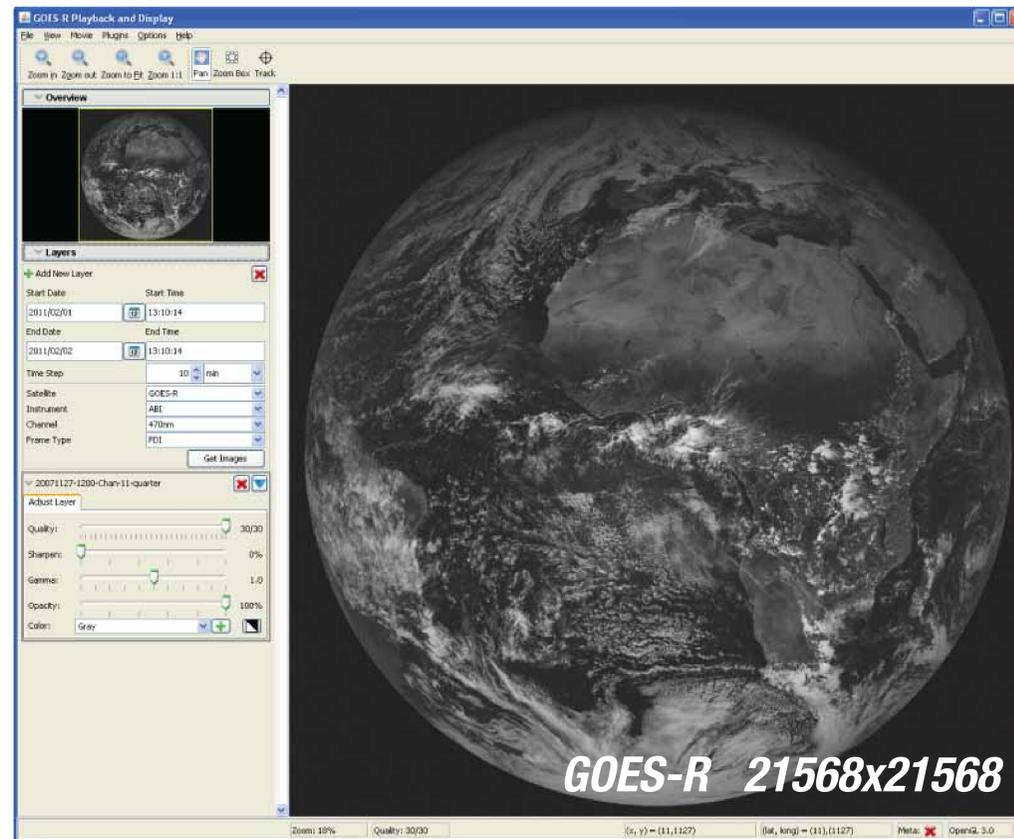
James L. Carr, Michael D. Smith, David M. Zakar

Image Data Flow From GRB to Engineer/Analyst

Ingest and Store CSC encodes data as it comes in from the GRB, supporting Playback and Display CSC



Playback and Display GOES-R is film-making, not still photography



21 Megapixel High-End
Digital Camera 5116x3774



4k Digital Camera
4096x2160

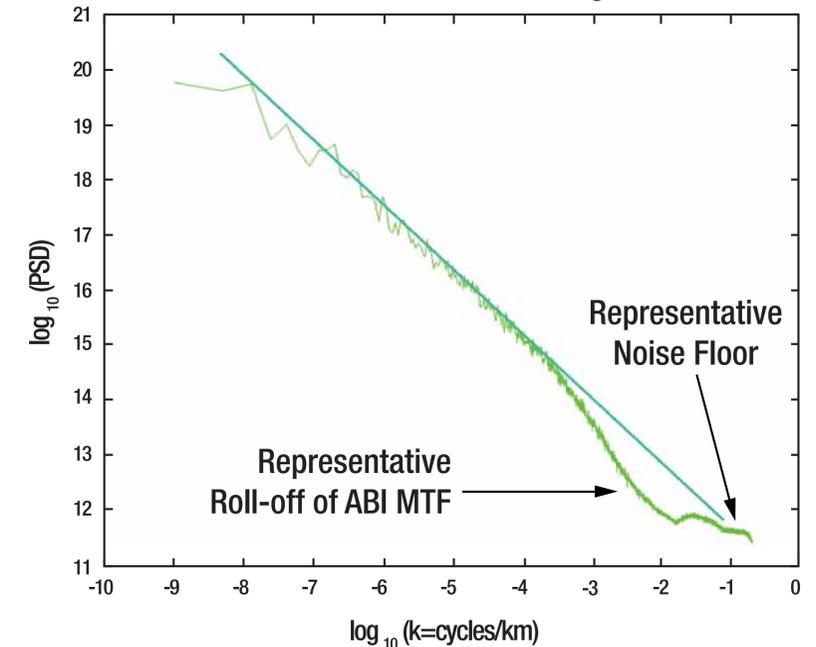


1080p HD
1920x1080



ABI Data Simulated Using Meteosat Proxy Data

71127-1215 - - Normalized Power NS-Chan: Power Integral: 352415.926 σ^2 : 35343



ABI data is simulated by up-sampling Meteosat images to the ABI resolution and adding a static white noise pattern. The simulated ABI data compresses with the same ratio expected of real ABI data.

