



Stereo observations of Terrestrial Gamma-ray Flashes

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Terrestrial Gamma-ray Flashes (TGFs) has been observed by a few space borne detectors. The Reuven Ramaty High Energy Solar Spectroscopic Imager (RHESSI) and the Fermi's Gamma-ray Burst Monitor (GBM) are the instruments with most TGF observations so far. The first Fermi GBM TGF Catalog contains 2704 TGFs detected between 2008 July 11 and 2014 July 31. Of the TGFs in the Fermi GBM catalog 23 TGFs occurred while the RHESSI sub satellite point was less than 1000 km from Fermi sub-satellite point. Of these 23 cases three TGFs were also measured by RHESSI. We will present these three TGFs that are detected by both Fermi GBM and RHESSI. This is the first stereo observation of TGFs. We have also lightning measurements from the World Wide Lightning Location Network (WWLLN) for the three TGFs. We will present the light curve and energy spectrum for these events.