Supplement for

**Observations of precipitation energies during different types of pulsating aurora**Fasil Tesema, Noora Partamies, Hilde Nesse Tyssøy, and Derek McKay

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Sample movie in categorizing pulsating aurora (PsA)

The first movie (20140124\_APA) is for amorphous PsA and the second one (20140124\_PPA\_to\_PA) contains both patchy pulsating and patchy aurora.

For both the movies the x-axis and y-axis are geographic longitude and geographic latitude respectively. The two dots on the movies are the location of EISCAT (red) and the location of the ASC at KIL (cyan). The green time stamp is in UT hours.