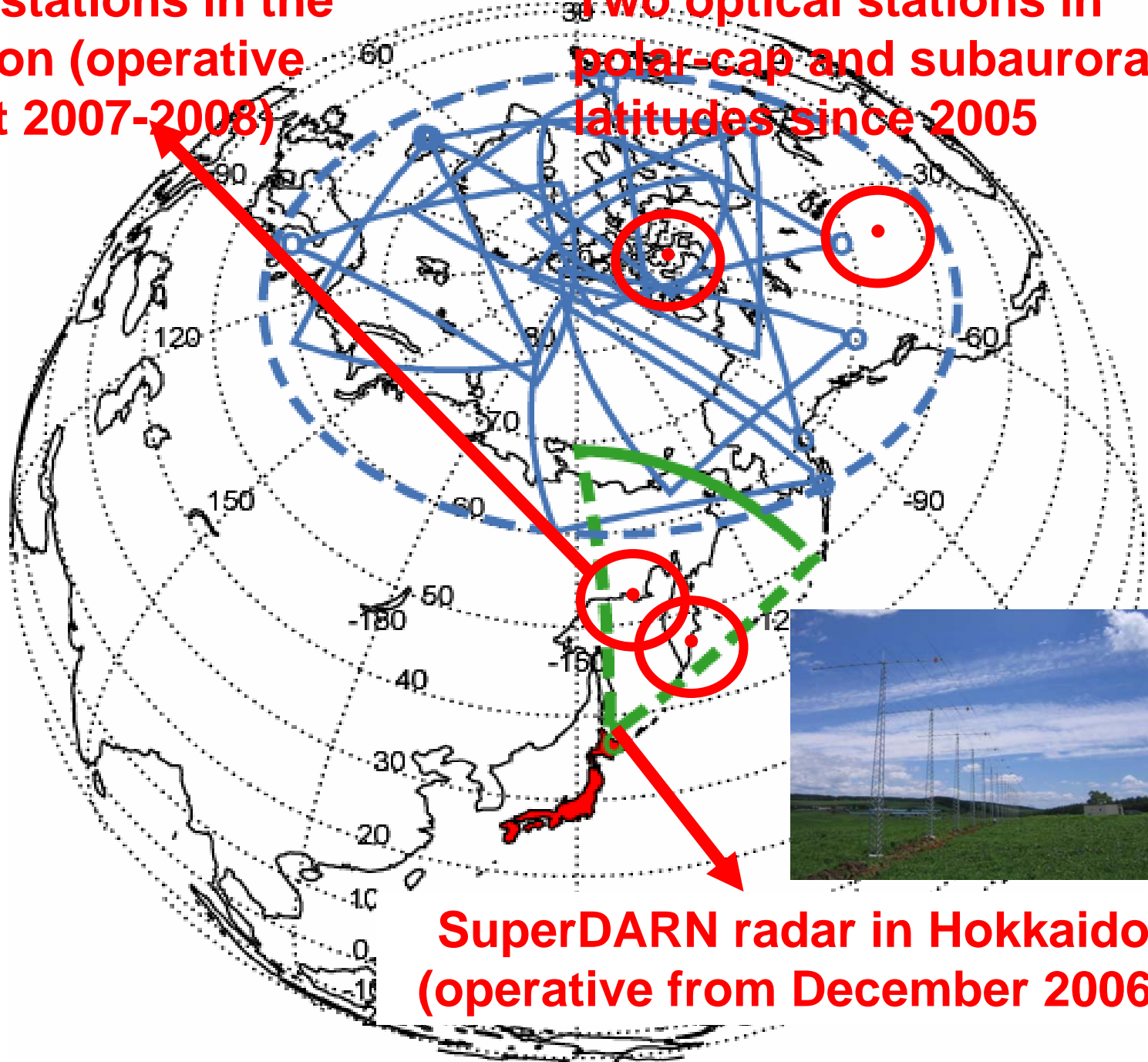


シベリア・カムチャツカで の光学・磁場観測計画

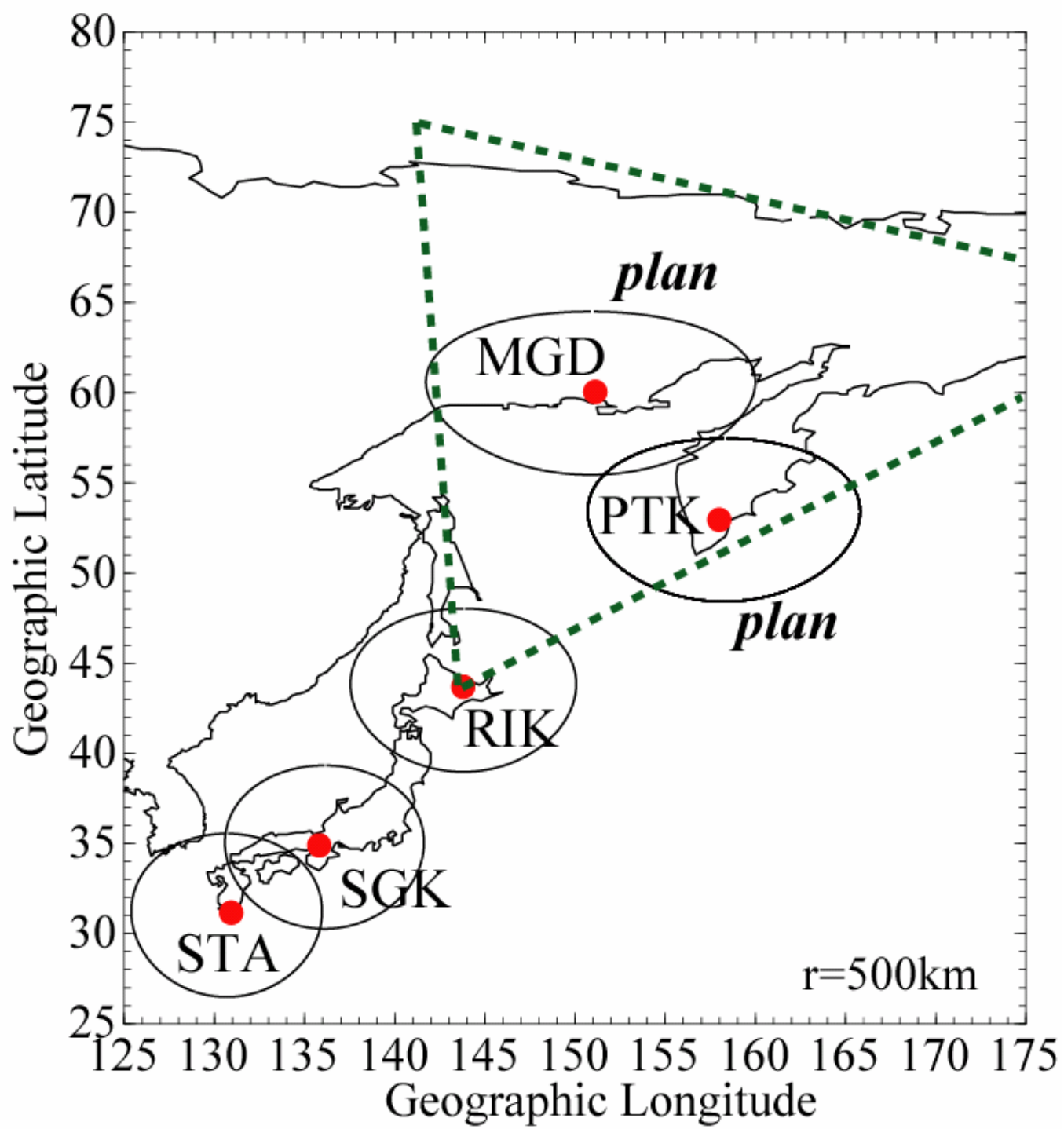
塩川 和夫
(名大STE研)

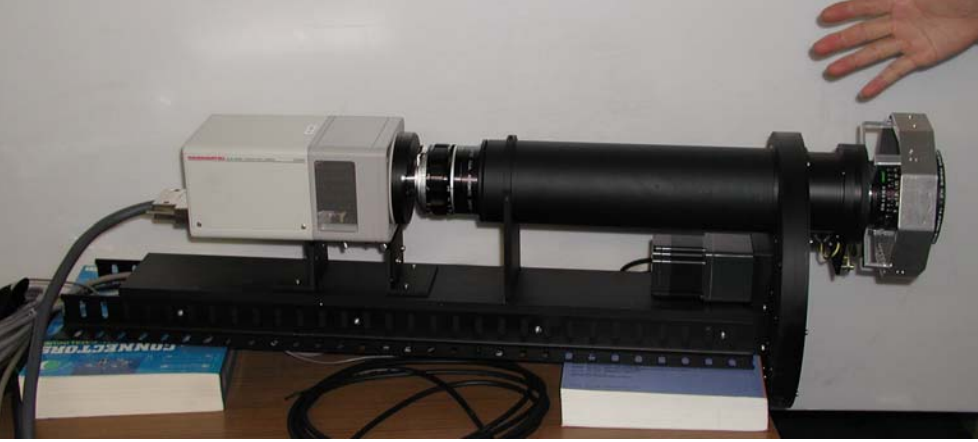
Two optical stations in the far east region (operative from August 2007-2008)

Two optical stations in polar-cap and subauroral latitudes since 2005

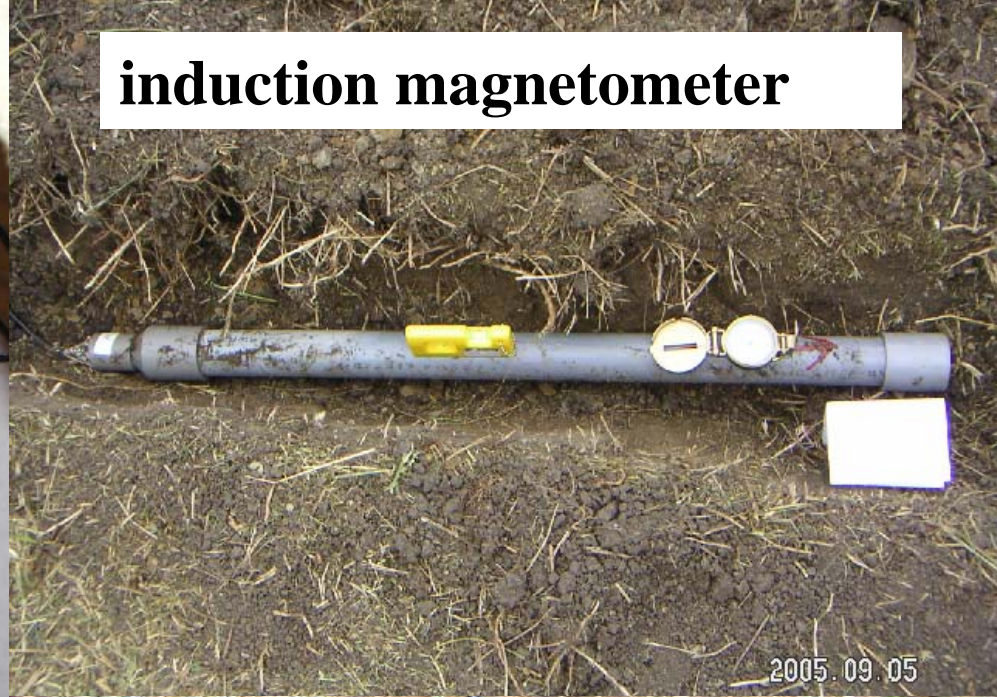


SuperDARN radar in Hokkaido (operative from December 2006)





induction magnetometer



Paratunka (PTK, 2007 Autumn- (plan))

(52.9N, 158.3E, 45.8MLAT)

all-sky cooled-CCD imager

557.7nm, 630.0nm, OH-band, 486.1nm, 777.4nm

time resolution: 2 min

induction magnetometer : 64Hz sampling

Magadan (MGD, 2008 Summer- (plan))

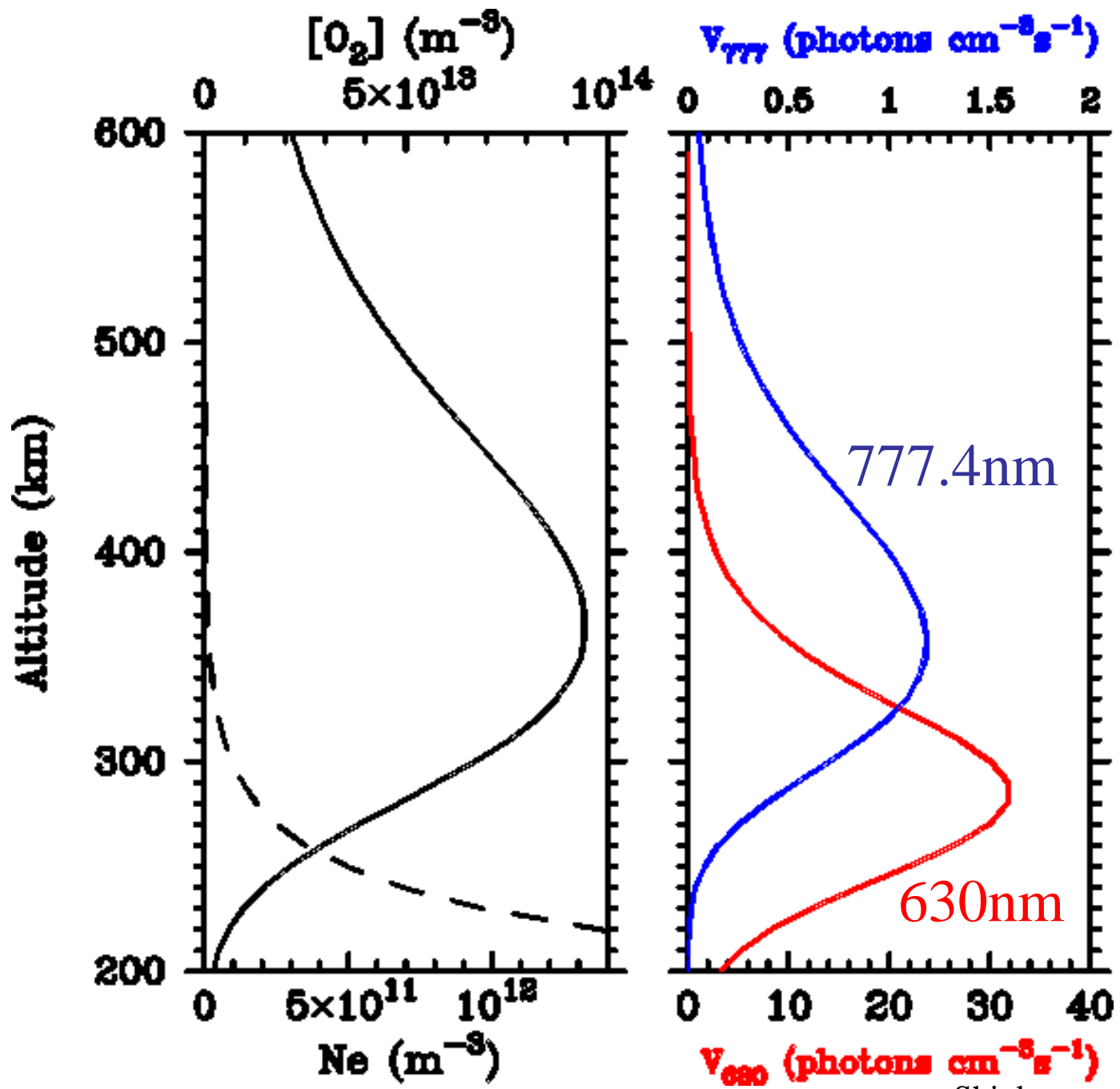
(60.0N, 150.9E, 51.9MLAT)

all-sky cooled-CCD imager

557.7nm, 630.0nm, OH-band, 486.1nm, 777.4nm

time resolution: 2 min

induction magnetometer : 64Hz sampling



COUNT
800 1120 1440 1760 2080 2400

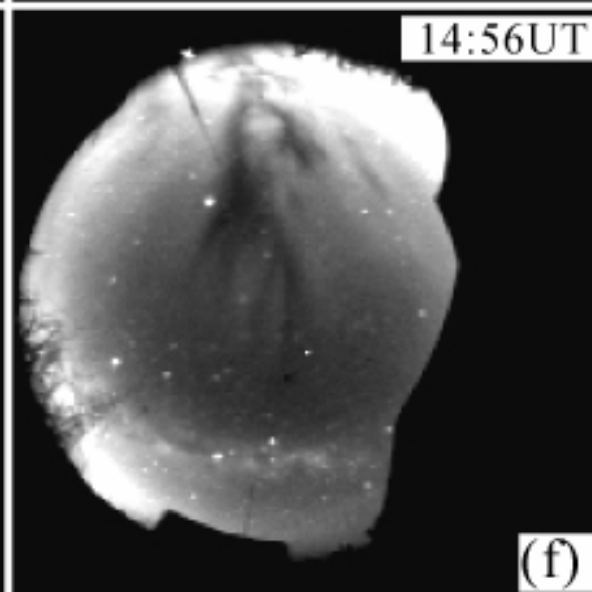
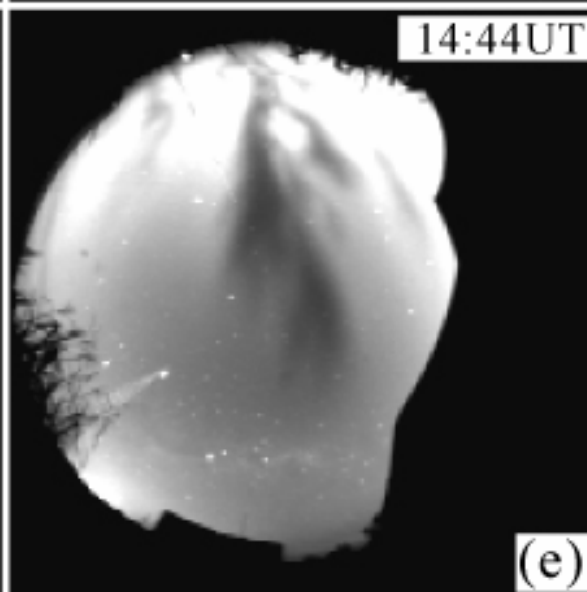
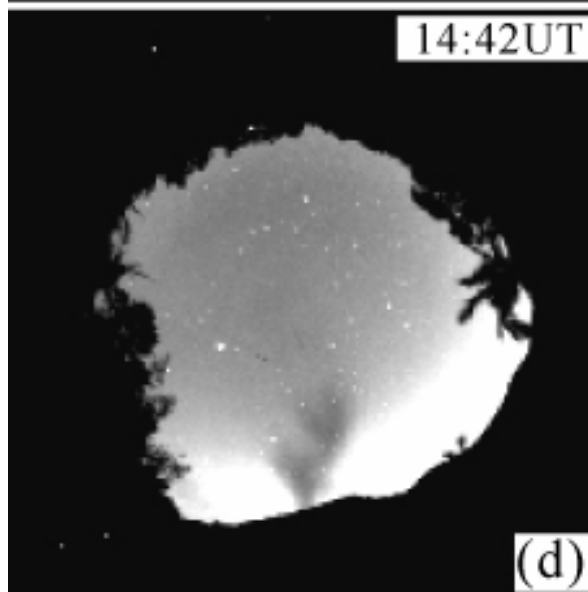
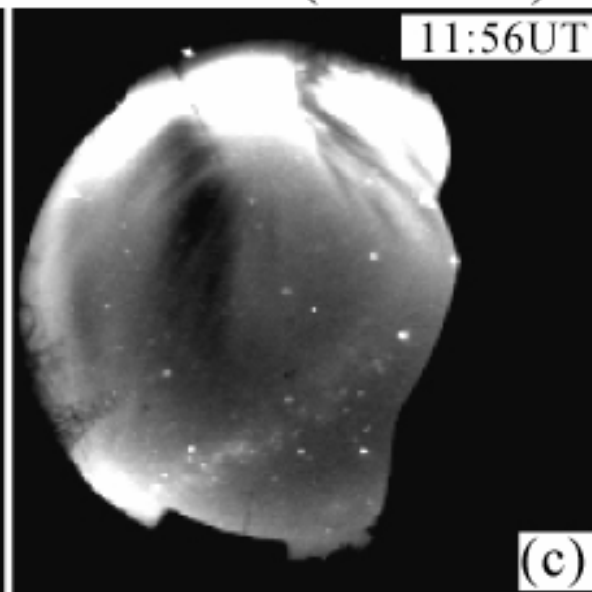
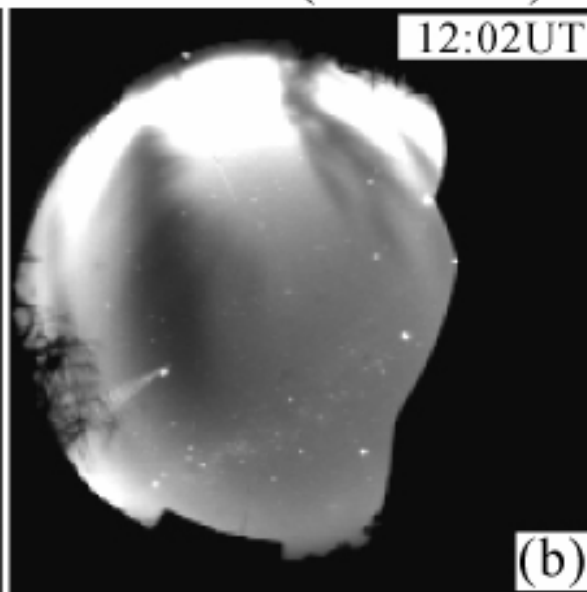
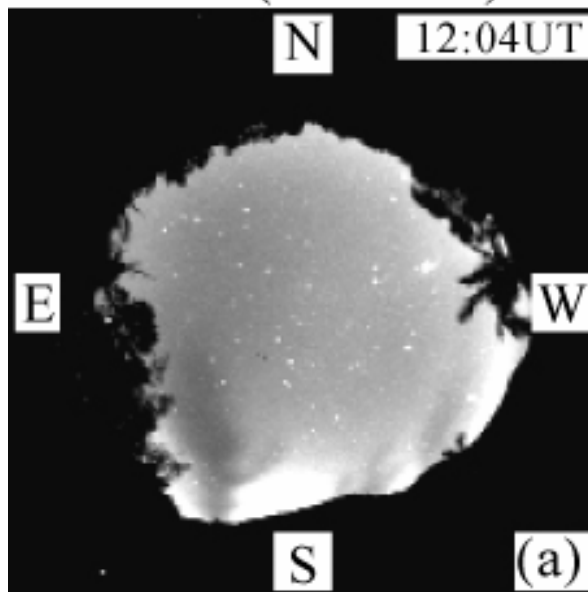
Sata (630.0nm)

COUNT
2000 3200 4400 5600 6800 8000

Darwin (630.0nm)

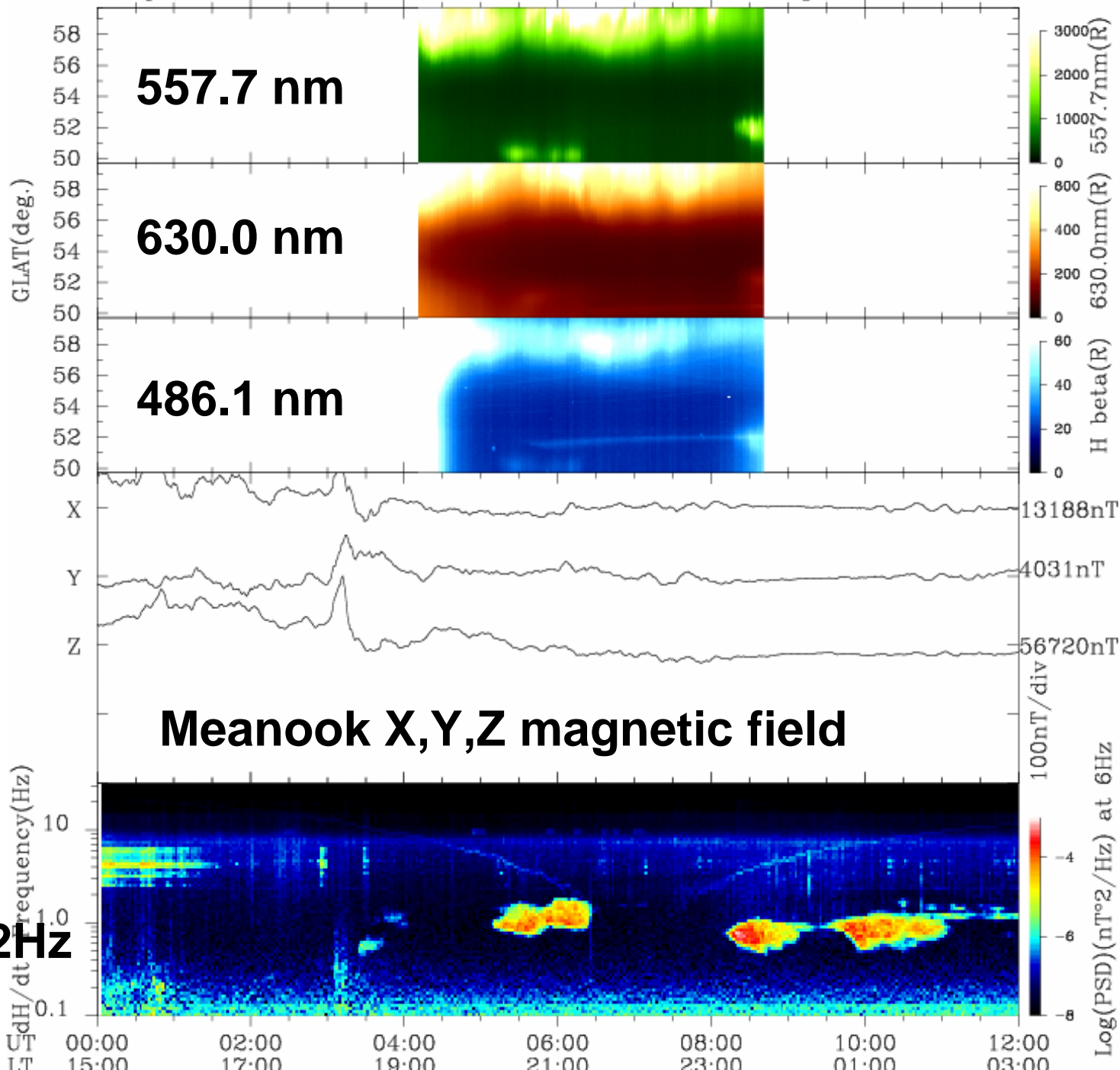
COUNT
1600 1880 2160 2440 2720 3000

Darwin (777.4nm)

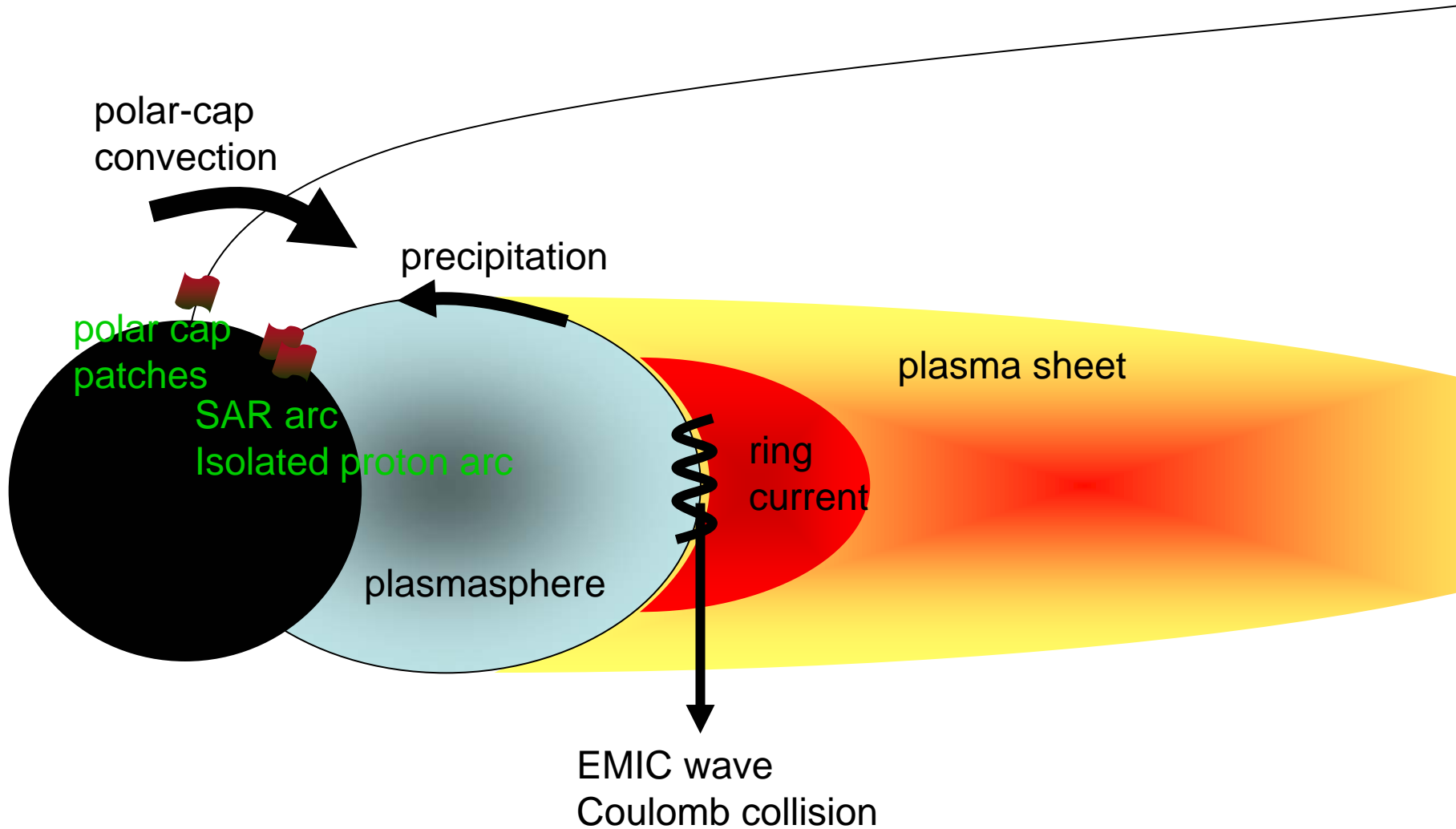


18 Apr. 2006

Athabasca longitude: 242-252E



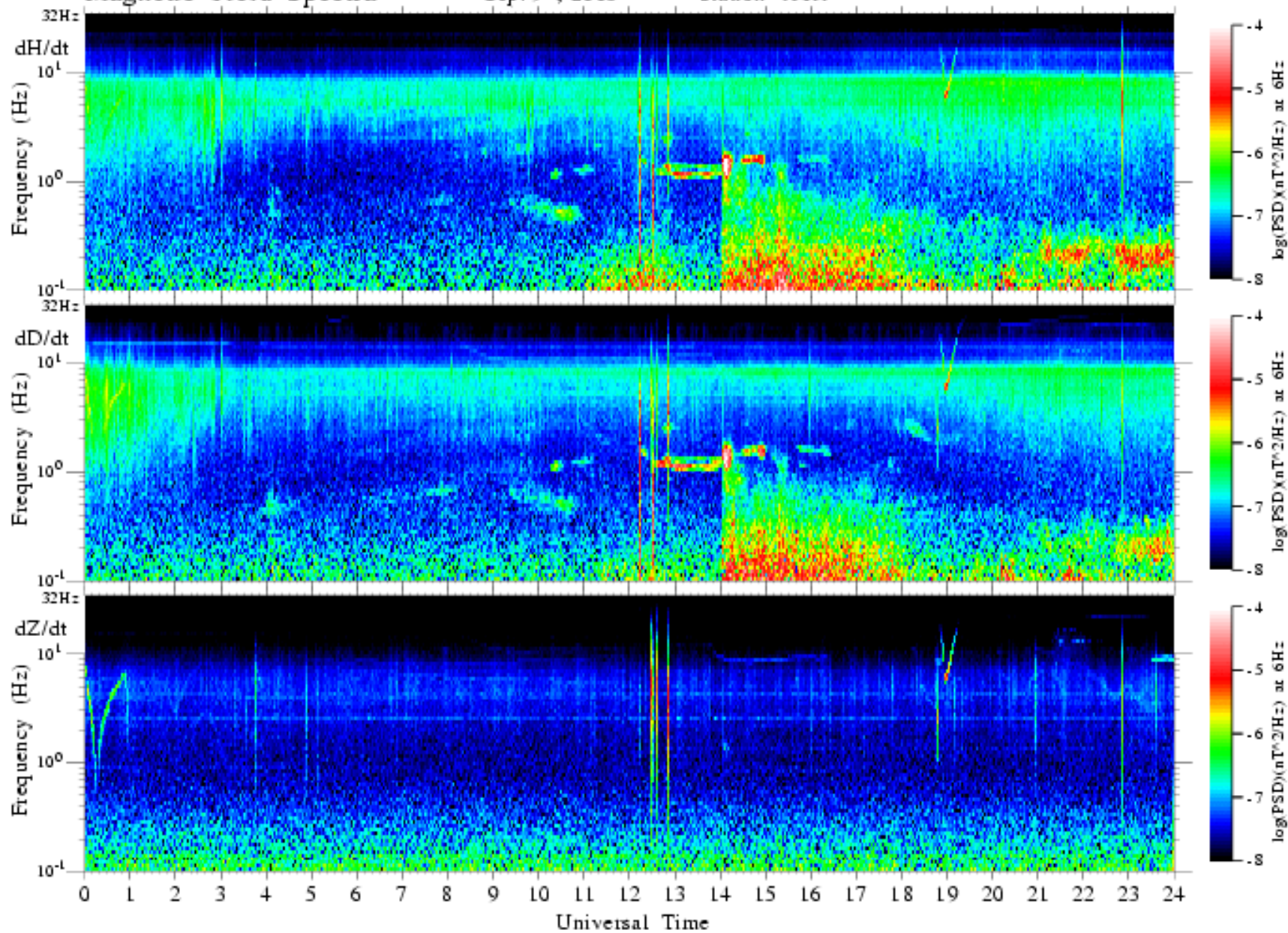
Summary of the observations

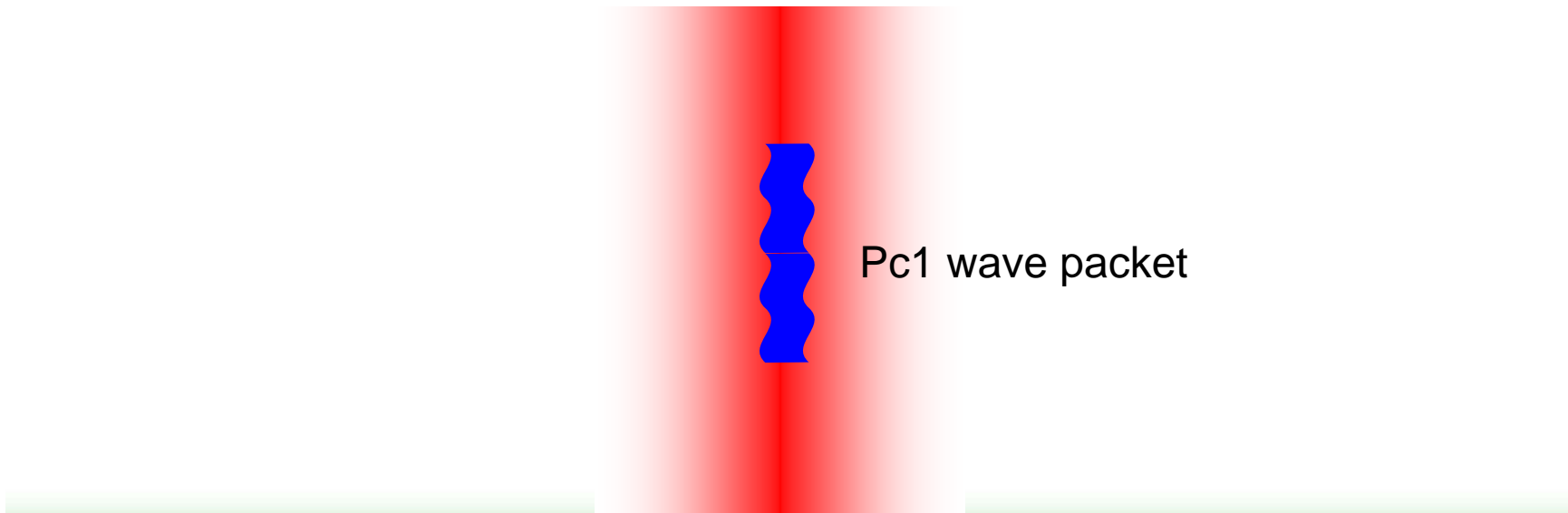


Magnetic Field Spectra

Sep. 9, 2005

station=ATH





Pc1 wave packet



Pc1 wave packet

Pc1 wave packet



