

October 18, 2001

KST UHF operation memorandam for October 18 BY S. Nozawa

Experiment name: CP1LT (normal cp1lt)

Optical-IS simultaneous observation

This SP will be for a simultaneous observation with a multi-wavelengths fixed angle photometer that will be installed at Ramfjord in early October.

elan files: cp1lt.elan, cp1lk.elan, cp1ls.elan (just use cp1lt series)

directory: /kst/exp/cp1lt (cp1lk , cp1ls)

Pulse scheme: cp1lt

Start time: 16:00 UT on October 18, 2001

End time: 03:00 UT on October 19, 2001

Participants: Satonori Nozawa, and Kazuhiro Adachi

Before our experiment: Nothing

After our experiment: Nothing

runexp cp1lt.elan fullminute

runexp /kst/exp/cp1lk/cp1lk.elan fullminute

runexp /kst/exp/cp1ls/cp1ls.elan fullminute

RAINING HEAVILY

Note: (time in UT)

October 16

kjell

16:00 START (enablerec; kir enablerec; sod enablerec)

16:02 1419 kW

16:02 SNR at remtote sites are good (300% kiruna, 142% sodankyla)

16:15 1693 kW

16:19 HRP

16:20 1469 kW

16:53 HRP

16:56 726 kW

16:57 1246 kW

16:59 HRP

17:00 845 kW

17:40 1133 kW

17:57 HRP
18:00 1052 kW

18:25 HRP
18:28 893 kW

19:05 HRP
19:09 790 kW

19:11 HRP
19:13 786 kW
19:19 663 kW

19:47 HRP
19:49 514 kW (transmitter does not work well, and we cannot increase HV above 65 kV)

Herge

22:03 642 kW
SNRs at remote sites are sill fine (sod 18%, kir 36 %)

22:43 797 kW
23:20 831 kW
23:47 935 kW
23:59 1037 kW

23:59 rtg display for (only) power at sodankyla is starange (maybe connection is down)

October 19

00 07 HRP
00:10 841 kW
00:11 930 kW

01:52 HRP
01:54 884 kW

0250 HRP
0253 HRP
0254 834 kW
0254 kir 50 % sod 25 %
0300 end

Summary:

Rain, and the cloudy

High geomagnetical activity !! Strong particle precipitation was observed, but bad weather prevented the photometer from observing these nice phenomena. SHAME!
