

October 17, 2001

KST UHF operation memorandam for October 17 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 17, 2001

End time: 03:00 UT on October 18, 2001

Participants: Satonori Nozawa, Masaki Kono, and Kazuhiro Adachi

Before our experiment: Nothing

After our experiment: Nothing

VHF radar is being operated simultaneously (CP7 with 2.6 MW)

runexp cp1lt.elan fullminute

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

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

Note: (time in UT)

October 16

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

16:02 642 kW

16:08 SNR at remtote sites are good (138% kiruna, 66% sodankyla)

17:00 RAINING.....

21:06 907 kW

22:39 HRP (before this it was stable, but after this it was a bit unstable)

22:40 873 kW

23:27 HRP

23:28 876 kW

23:28 HRP

23:30 808 kW

23:40 rtg display for (only) power at kiruna is starange (maybe connection is down)

23:54 852 kW

23:59 HRP

October 18

00:01 800kW

00:23 HRP

00:25 645 kW

00:39 HRP

00:40 651 kW

00:43 HRP

00:44 400 kW

00:48 541 kW

00:56 635 kW

00:56 HRP

00:57 541 kW

03:00 END

Summary:

Low Tx power (600 - 900 kW).

Rain....
