

December 9, 2004

KST UHF operation memorandum for the December 9, 2004 experiment

(Using Netscape might be in trouble on this page.)

Experiment name: tau2pl (CP2)

This SP (CP2) is made to support a rocket launch from Andoya. All associations have contribute their SP times.

elan files:tau2pl-elan (just use tau2pl series)

Pulse scheme: tau2pl

Start time: 18:00 UT on December 9, 2004

End time: 06:00 UT on December 10, 2004

Participants: Satonori Nozawa, and Takuo Tsuda

Before our experiment: AA EV

After our experiment: nothing

Note: (time in UT)

December 9

Clear Sky. Temperature is 2 deg.

18:03 START

at EROS4 console (UHF)

runexp /kst/exp/tau2pl/tau2pl 18:00 cp2 NI

(292.9 km is set automatically for tristatic measurements)

18:06 sod runexp /kst/exp/tau2pl/tau2pl 18:00 cp2 NI

kir runexp /kst/exp/tau2pl/tau2pl 18:00 cp2 NI

18:06 enablerec

18:06 sod enablerec

kir enablerec

18:10 at matilda

```
cd /home/eiscat/users/yogawa
guisdap_delta -a
    result path = /analysis/results/AUTO
```

at another window

```
cd /home/eiscat/users/yogawa
update &
http://www.eiscat.uit.no/~eiscat/yogawa/index.html
http://www.eiscat.uit.no/~eiscat/yogawa/index\_color.html
```

18:12 kir webtg

sod webtg

Data quality at Kiruna and at Sondakyla are poor.

CLOUDY

18:58 **X=-30 min**

19:22 **X=-10 min** “**Holding**”

19:55 HRP

19:57 Tx 1412 kW

20:20 HRP

20:22 Tx 1412 kW

20:24 HRP

20:26 Tx 1412 kW

20:31 HRP

20:32 Tx 1412 kW

21:02 AURORA BREAK UP (but cloudy)

21:28 Decided that Today’s launch is canceled due to weather conditions
(windy) at Andoya.

There is strong wind (about 10 m/s) at Andoya.

21:33 HRP

21:35 Tx 1381 kW

21:37 HRP

21:39 Tx 1492 kW

December 10, 2004

00:50 HRP

00:51 Tx 1541 kW

02:22 HRP

02:23 Tx 1541 kW

05:35 HRP

05:36 Tx 1541 kW

06:00 stopexp (all sites)

It is raining!!

- AAEV: Aspect angle effects in the velocity of E-region coherent echoes
- A multi-instrument campaign involving EISCAT, CUTLASS (special mode), and STARE. The requested time is overscheduled and cancellation will occur depending on geophysical conditions (moderate to disturbed). The AAEV campaign is coordinated with the CRASE experiment so that if one is cancelled then another one will be run or vice versa. Altogether (AAEV+CRASE) 46 hours are requested while only 34 will be used.