

January 20, 2009

KST UHF operation memorandum for the January 20, 2009 experiment

7th day of DELTA-2 campaign

Experiment name: DELTA2: beata (CP2)

point rheight 185.8 77.4 299.6

elan files: puny :/kst/exp/beata/beata.elan

Pulse scheme: beata

Start time: 17:00 UT on January 20, 2009

End time: 05:00 UT on January 21, 2009

Participants: Satonori Nozawa, Yasunobu Ogawa, and Shi-ichiro Oyama.

Before our experiment: Nothing

After our experiment: Nothing

Other instruments.

STEL photometer, STEL digital camera (1-min interval), STEL proton imager (1-min interval), STE FPI, STEL imager (5577, 6300, etc.) NIPR all-sky camera, NIPR ATV (all-sky TV imager), NIPR WTV (wide-view TV imager).

Note: (time in UT)

January 20, 2009

Clear sky, and -3 deg. No activity.

16:42 runexp /kst/exp/ beata/beata 16:48 cp2 NI

16:50 rtg

16:58 Tx up

17:00 enablerec

at EROS5 console (UHF)

17:02 1.4 MW

18:03 Tx off for test of possible interface to the TV

18:11 Tx on
1.4 MW

1859 Tx down

19:02 recovered

23:11 Tx down

Powered off at the transmitter for some reasons..

23:34 stop recording (disablerecording)

23:43 Recovered

enablerec

January 21, 2009

The ionosphere became quiet.

0500 **stopexp**

Summary

The activity of the ionosphere was low

cp2 antenna pattern

FA (185.8, 77.4)

E (166.5, 59.4)

EM (133.3, 56.8)

V (180.0, 90.0)