

January 23, 2009

KST UHF operation memorandum for the January 23, 2009 experiment

10th day of DELTA-2 campaign

Experiment name: DELTA2: beata (CP2)

point rheight 185.8 77.4 299.6

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

Pulse scheme: beata

Start time: 19:00 UT on January 23, 2009

End time:03:00 UT on January 24, 2009

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

Before our experiment: ip2

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)

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Clear sky, and -15 deg.

Today, a cp2 mode with 12-min cycle mode is used.

18:58 run /kst/exp/ni/beata/beata 18:48 cp2_12 NI

18:59 Tx up

19:00 enablerec

at EROS5 console (UHF)

19:05 1.45 MW

22:38(?around) Tx down

22:40(?) recovered

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00:44 Tx off

00:46 recovered

02:34 Tx off

02:37 recovered

03:00 stopexp

Summary

The activity of the ionosphere was high for the first interval.

cp2_12 antenna pattern

Cycle time=12min

FA (185.8, 77.4) 2'45"

E (166.5, 59.4) 2'40'

EM (133.3, 56.8) 2'30"

V (180.0, 90.0) 2'30"