

KST UHF/VHF radars operation memorandum for an experiment on 24-25 November 2011

[General information]

Experiment name & PI : UV_FPIL; Oyama, Shiokawa, Tsuda, La Hoz
Scheduled start/end time : 2011-11-24 20:00 – 2011-11-25 04:00 UT
Pulse scheme (so-called type if any such as “CP1”) : CP2 for UHF; vertical for VHF
elan file : beata for both (F14 for the UHF and F04 for the VHF)

operator(s) : S. Oyama
experiment before us : Carl Bryer from UK
experiment after us : N/A

Recording start at : 20:00 on 24 November 2011 for UHF/VHF
Recording stop at : 03:59:59 on 24 November 2011 for the both radars

[Weather information]

windy and rainy

[Heating operation]

no

[Co-operated instruments]

- Optical instruments at Tromsø
 - STEL: FPI, ASCs (ASC12, Proton), photometer, DC, Lidar
 - NIPR: DC

[Description of the experiment]

Simultaneous observations with UHF (CP2), VHF (vertical), and STEL FPI and Na Lidar in the pulsating aurora.

[Memorandum]

time	comment
19:07	@UHF: runexp beata/beata 19:40:00 ip2 SP
19:10	@VHF: runexp /kst/exp/beata/beata lm zenith SP
20:00	@VHF: enablerec
20:01	@UHF: enablerec
20:09	@VHF/UHF guisdap analysis started
01:35	clear sky; may be pulsating aurora
01:46	back to cloudy...
03:40	@VHF/UHF: stopexperiment 03:59:59