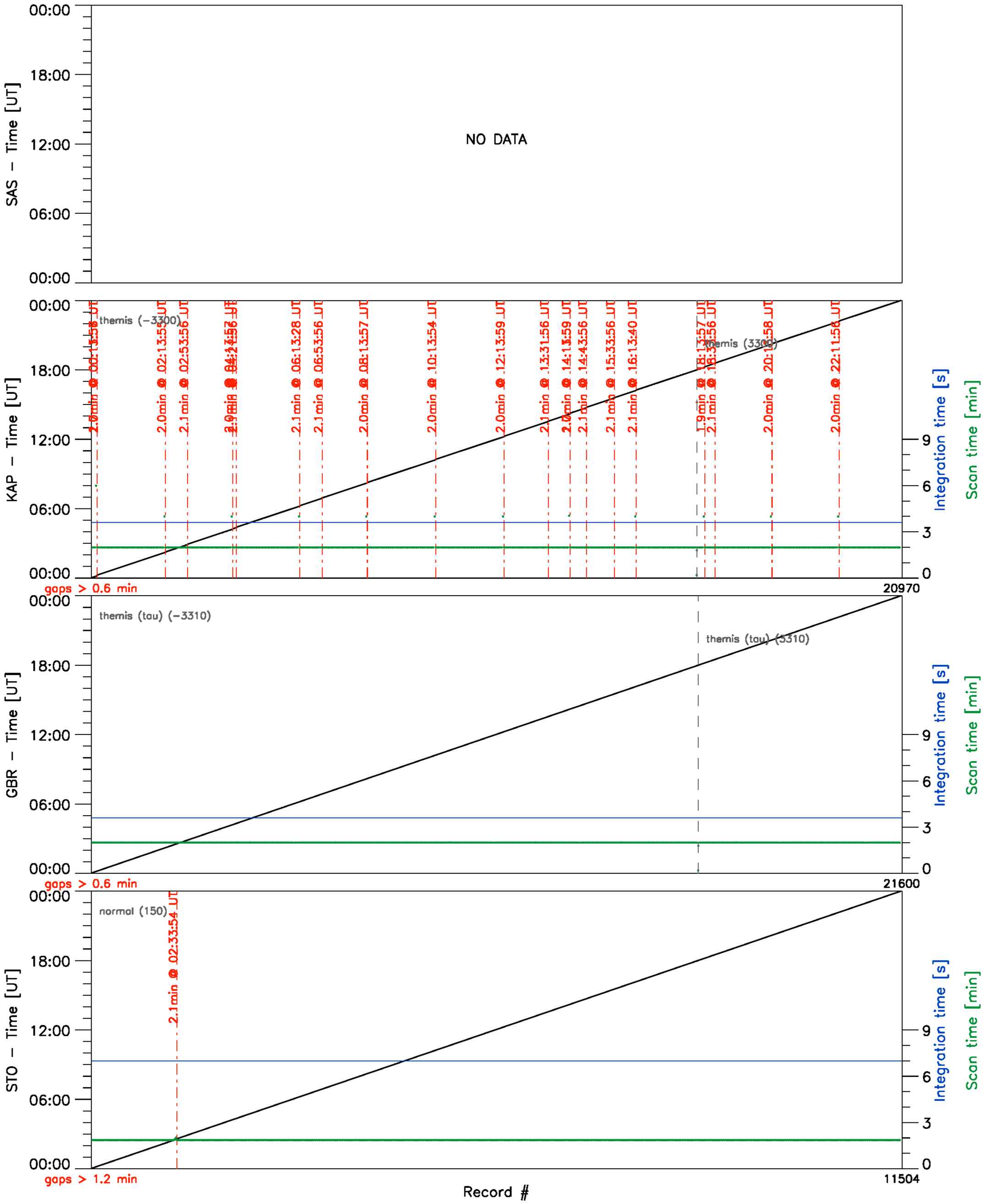
Clock diagnostics vs Record

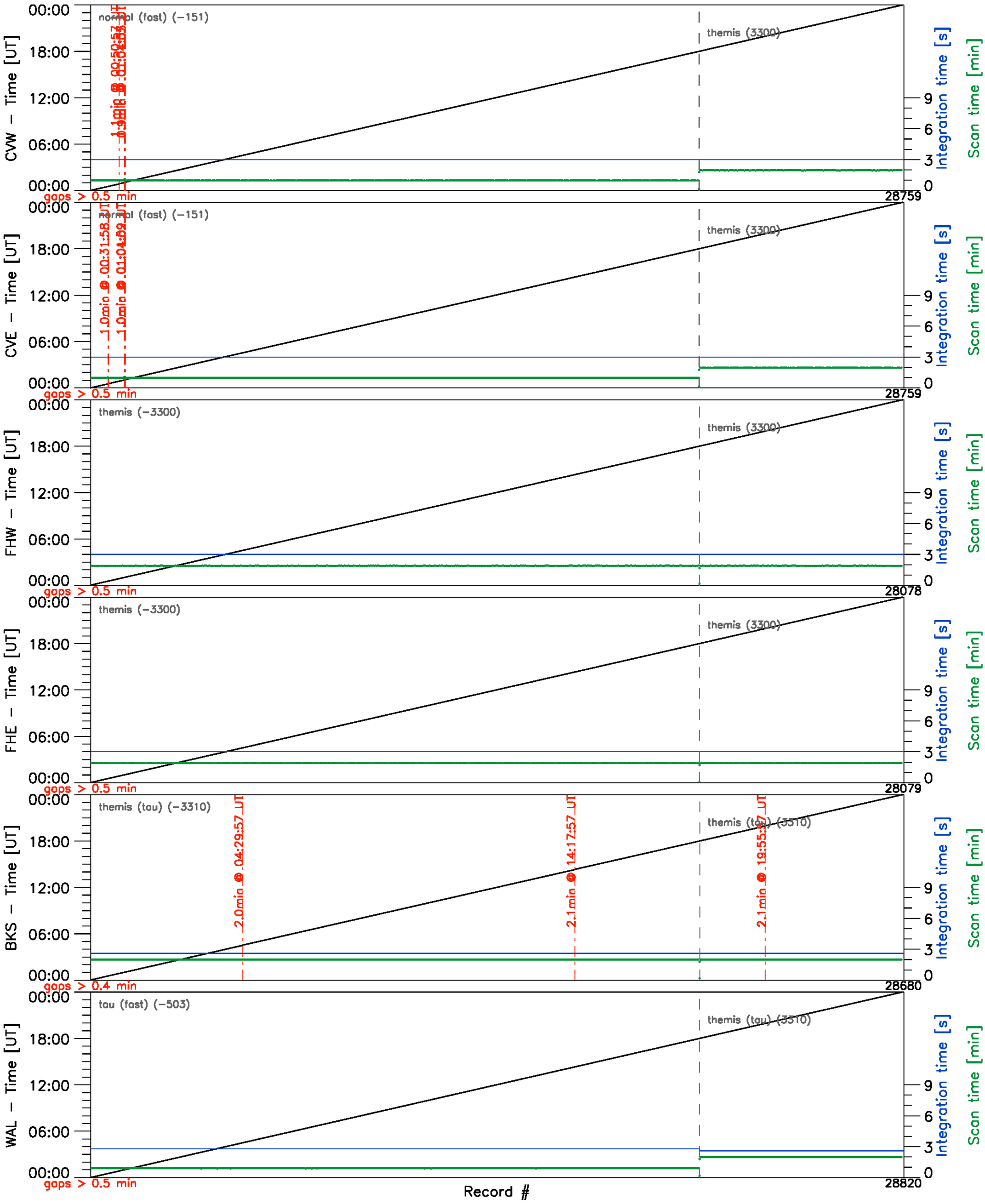
High latitude radars (fitacf) – 14/Jun/2012



Note on gaps: a gap is marked when two consecutive records are more than 10 integration times apart.

Clock diagnostics vs Record

Mid latitude radars (fitacf) – 14/Jun/2012



Note on gaps: a gap is marked when two consecutive records are more than 10 integration times apart.

Timing diagnostics (vs UT)

High latitude radars (fitacf) – 14/Jun/2012

SAS

NO DATA

KAP (all) – nave

themis (–3300)

28

themis (3300)

28

Integration time [s]

Scan time [min]

GBR (all) – nave

themis (tau) (–3310)

19

themis (tau) (3310)

19

STO (all)

normal (150)

71

00:00

06:00

12:00

18:00

00:00

Time [UT]

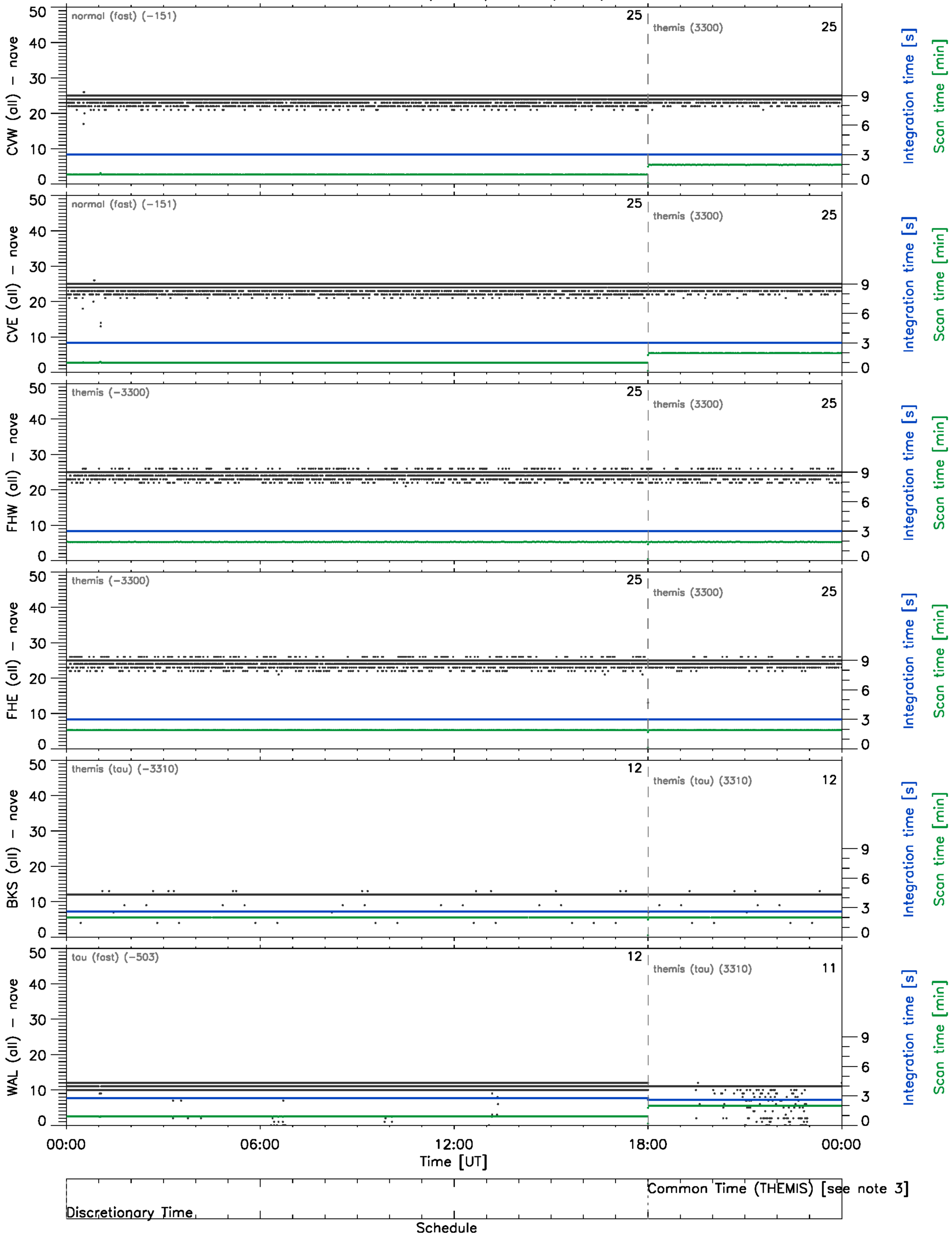
Discretionary Time

Common Time (THEMIS) [see note 3]

Schedule

Timing diagnostics (vs UT)

Mid latitude radars (fitacf) – 14/Jun/2012



Timing diagnostics (vs UT)

High latitude radars (fitacf) – 14/Jun/2012

SAS

NO DATA

KAP (all) – nave/intt

themis (−3300)

7

themis (3300)

7

Integration time [s]

Scan time [min]

GBR (all) – nave/intt

themis (tau) (−3310)

5

themis (tau) (3310)

5

STO (all) – nave/intt

normal (150)

10

00:00

06:00

12:00

18:00

00:00

Time [UT]

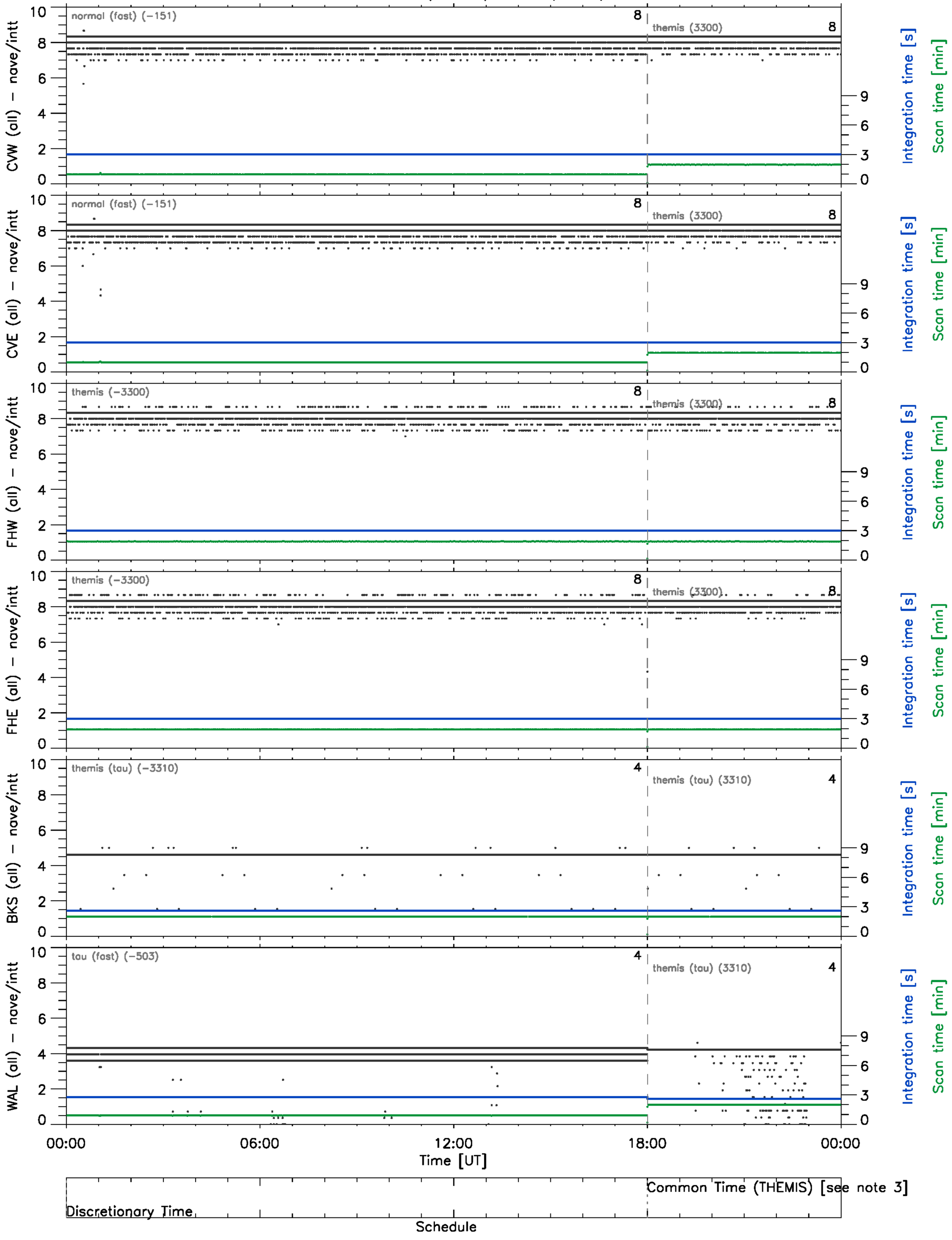
Common Time (THEMIS) [see note 3]

Discretionary Time

Schedule

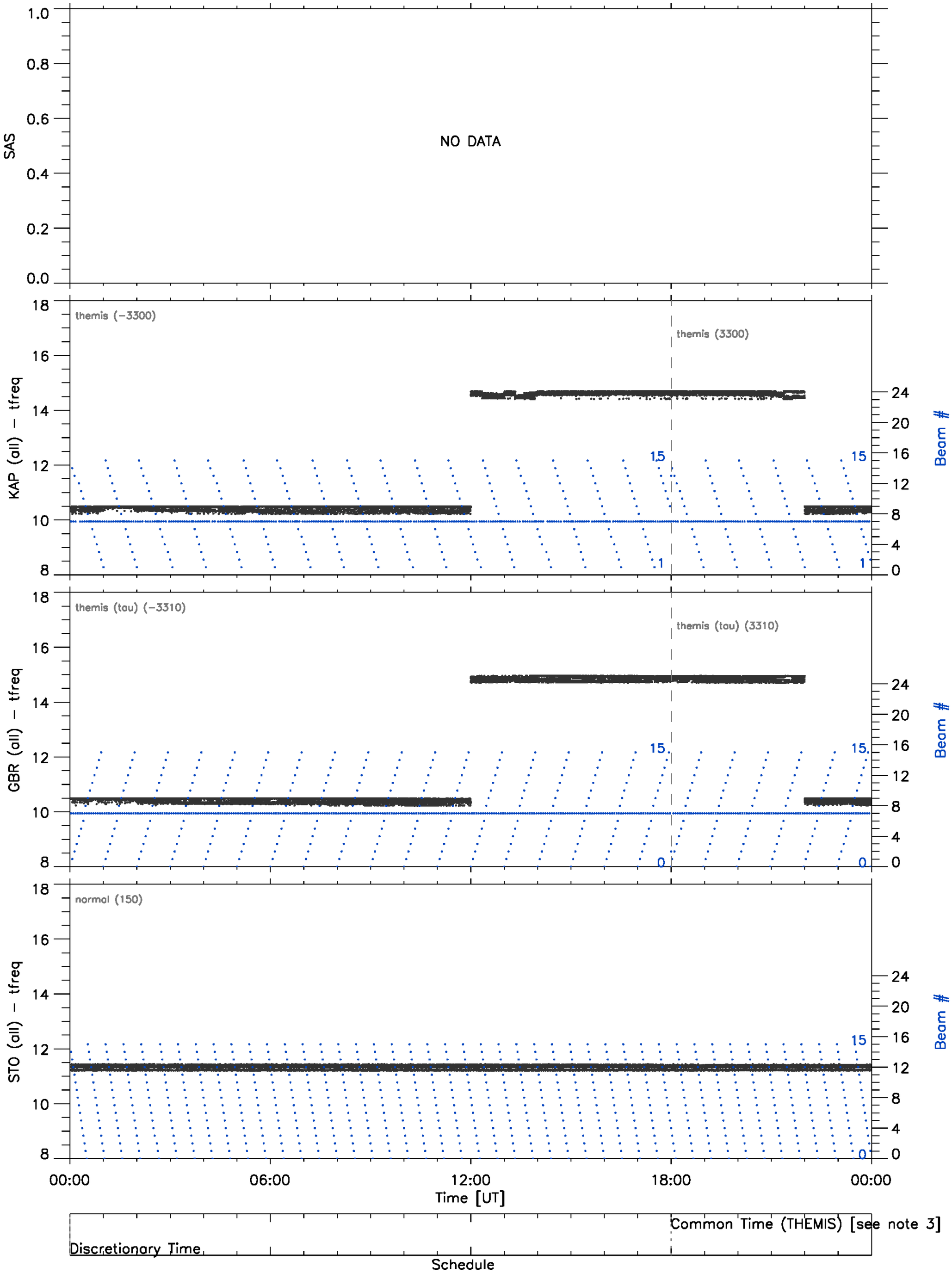
Timing diagnostics (vs UT)

Mid latitude radars (fitacf) – 14/Jun/2012



Frequency/Beam diagnostics (vs UT)

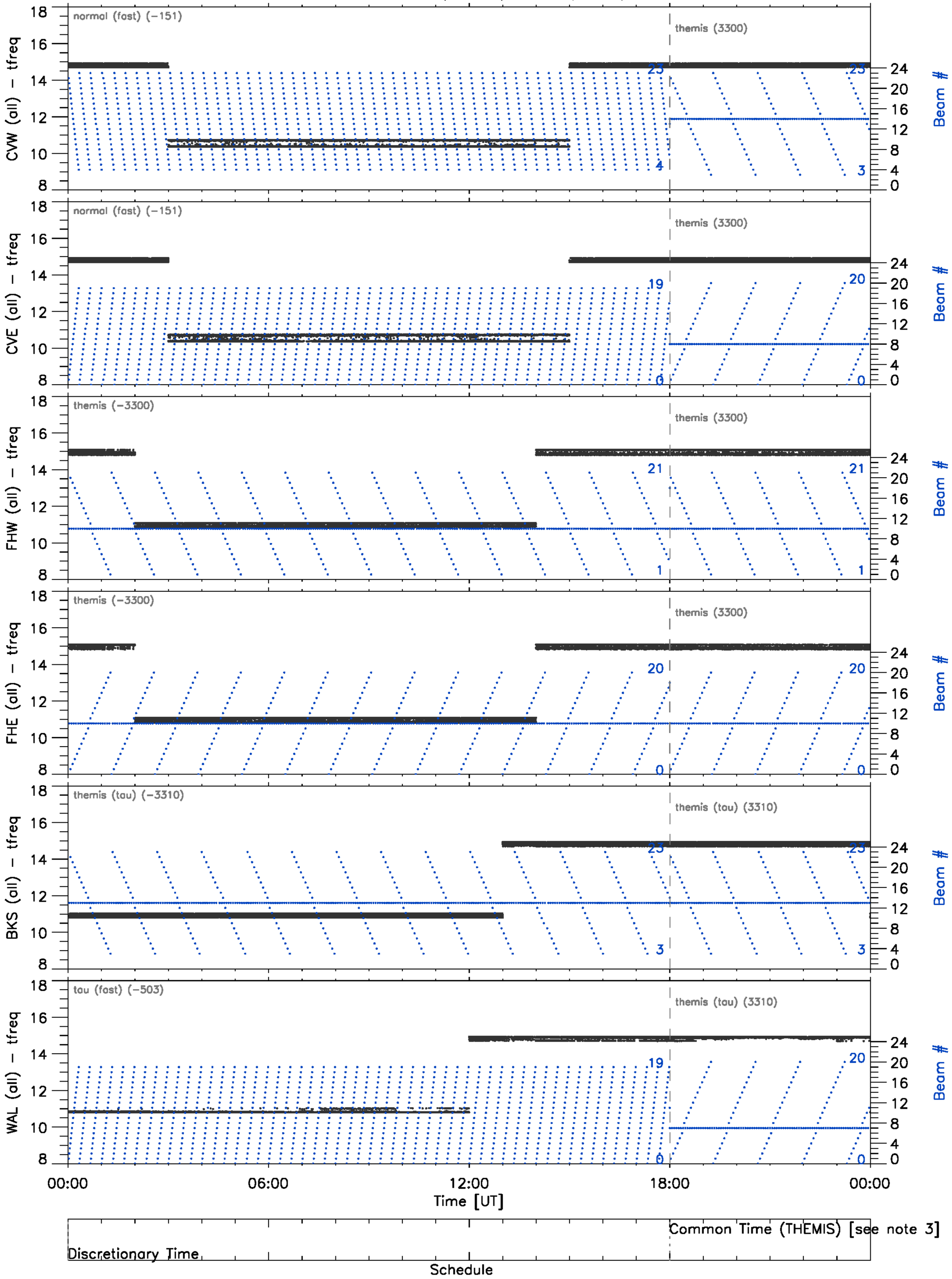
High latitude radars (fitacf) – 14/Jun/2012



Note on Beam #: a dot is plotted showing the beam # of the k^{th} record of the k^{th} scan.

Frequency/Beam diagnostics (vs UT)

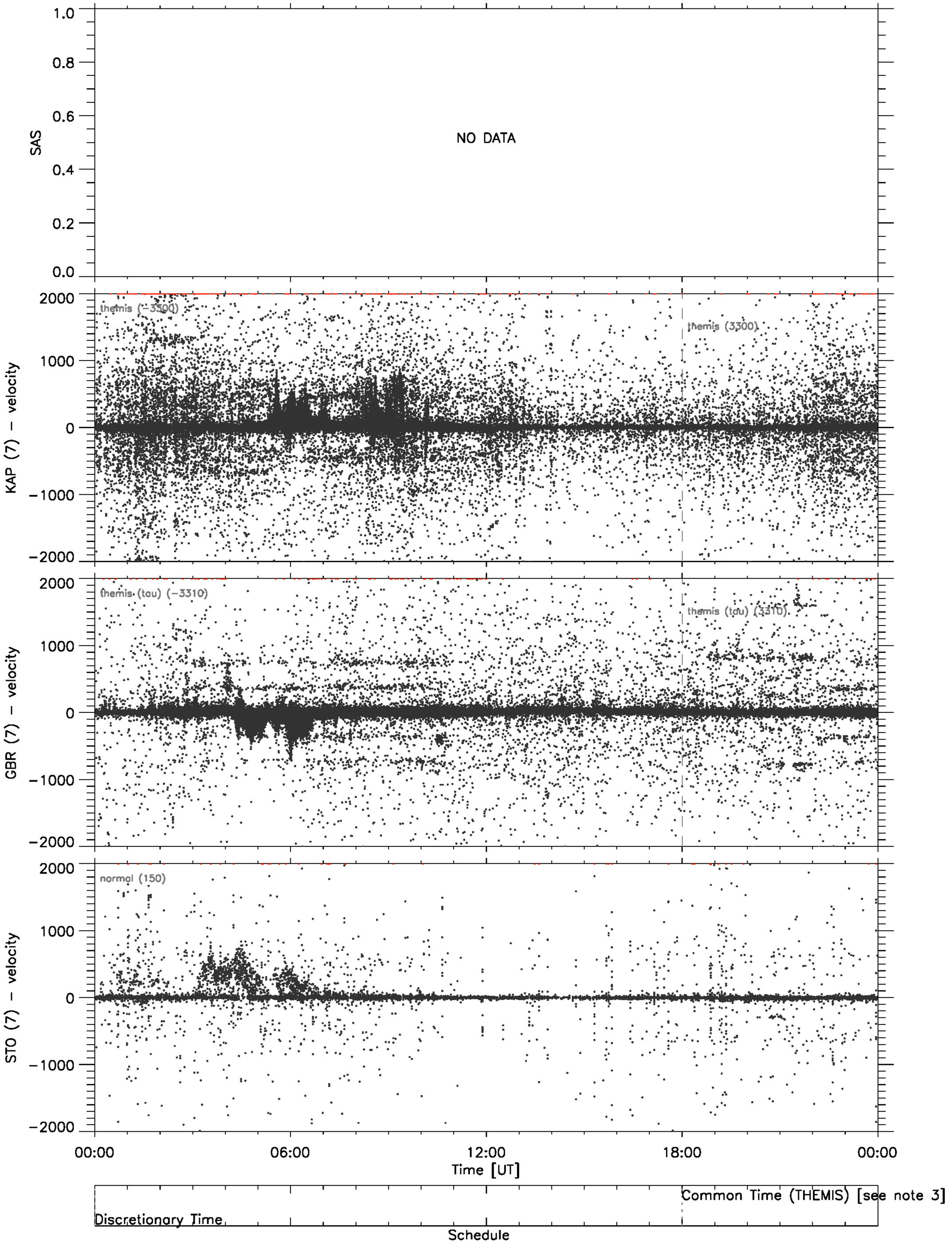
Mid latitude radars (fitacf) – 14/Jun/2012



Note on Beam #: a dot is plotted showing the beam # of the k^{th} record of the k^{th} scan.

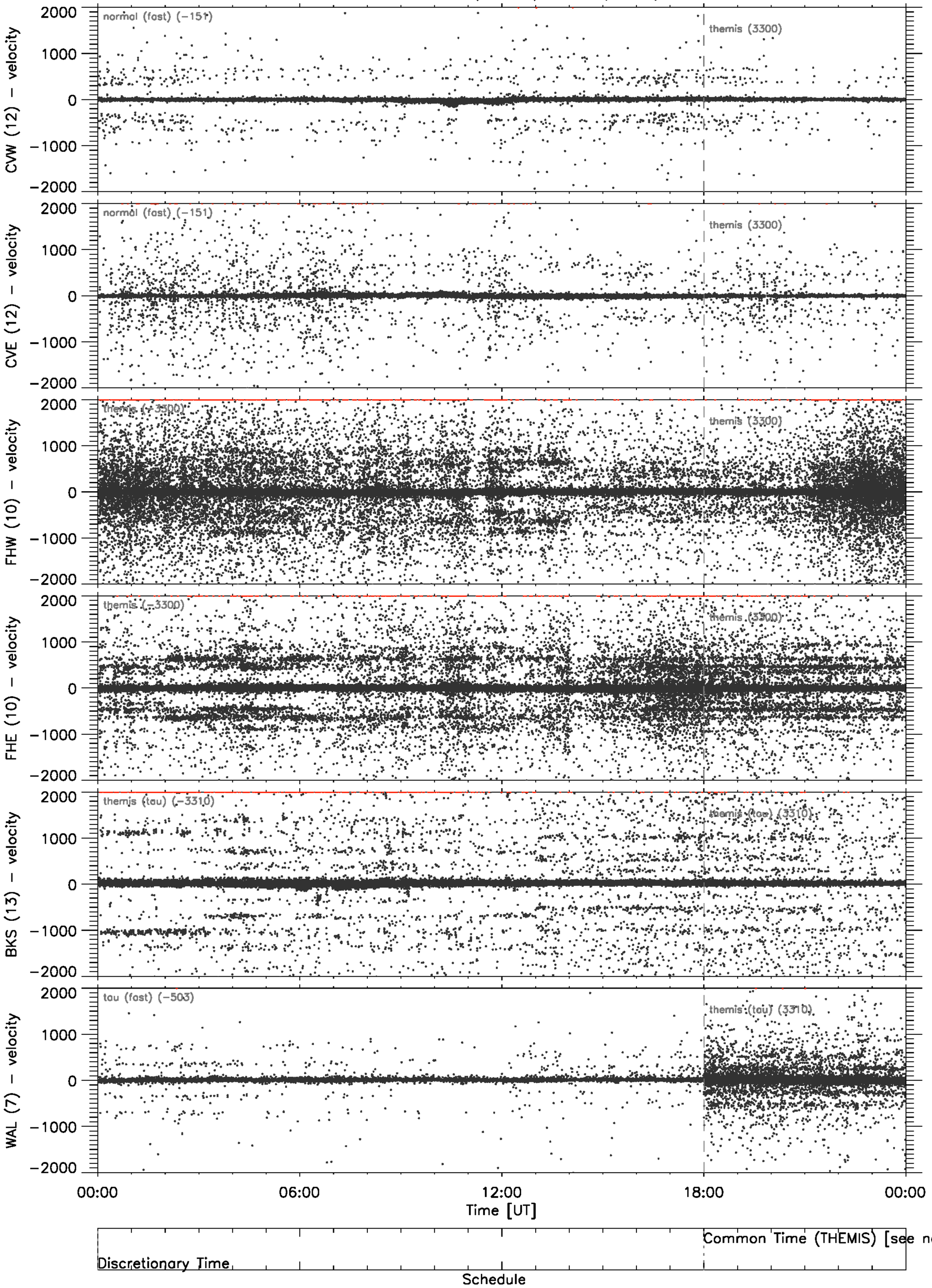
Velocity scatter plot

High latitude radars (fitacf) – 14/Jun/2012



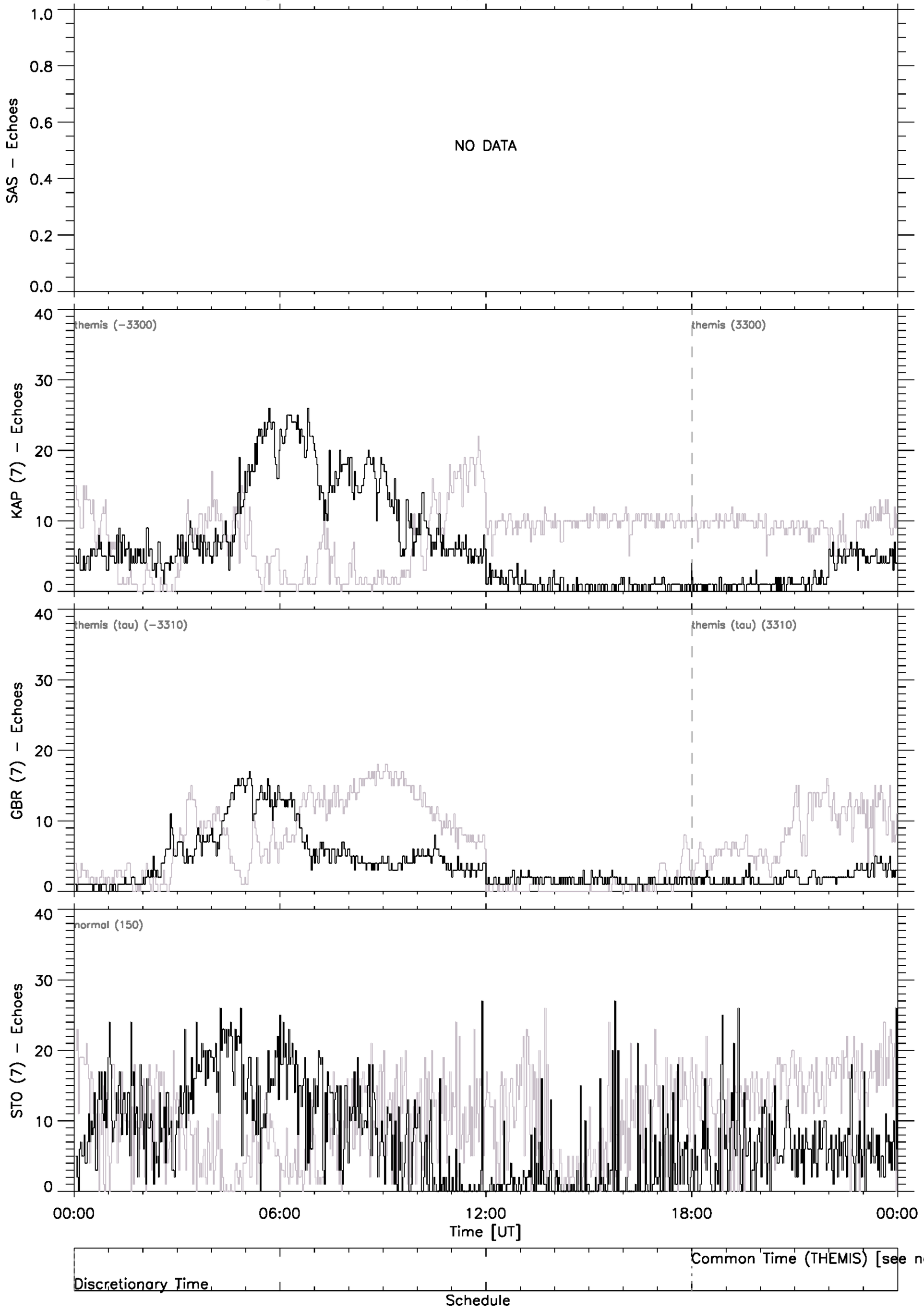
Velocity scatter plot

Mid latitude radars (fitacf) – 14/Jun/2012



Echo Counts

High latitude radars (fitacf) – 14/Jun/2012



Echo Counts

Mid latitude radars (fitacf) – 14/Jun/2012