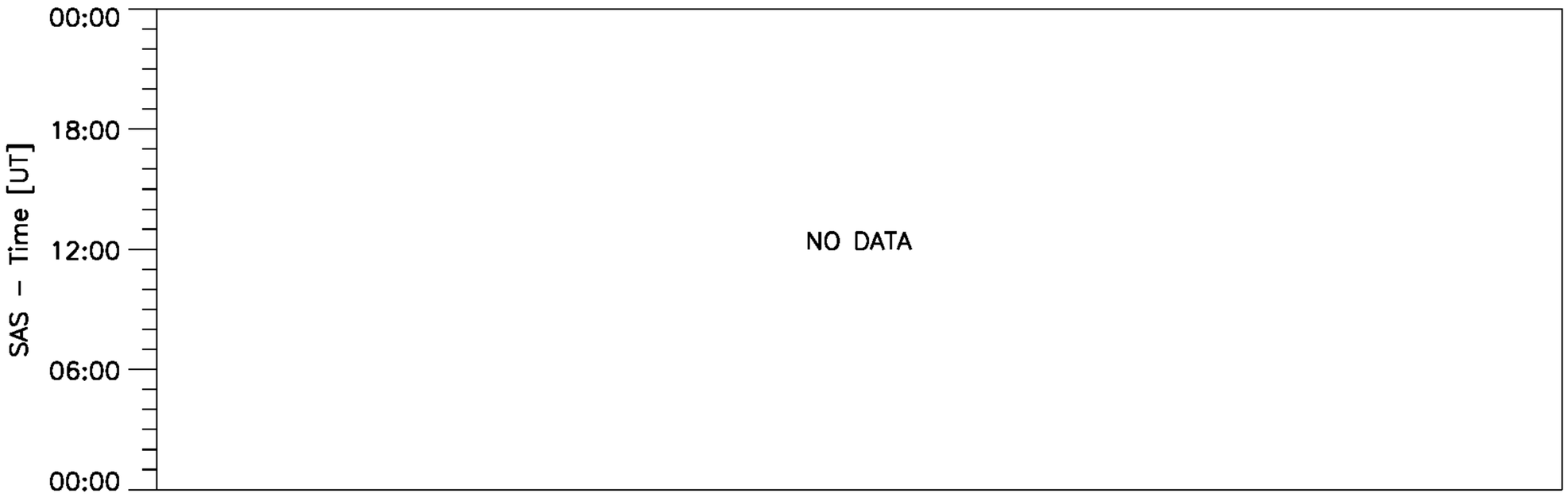
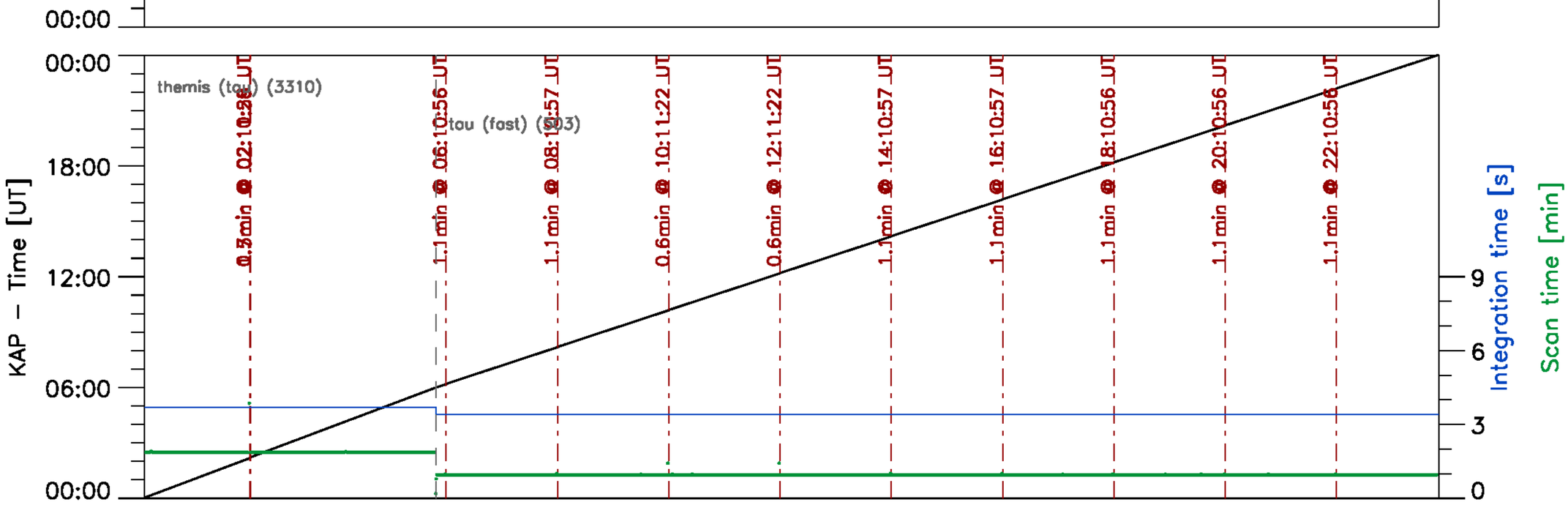
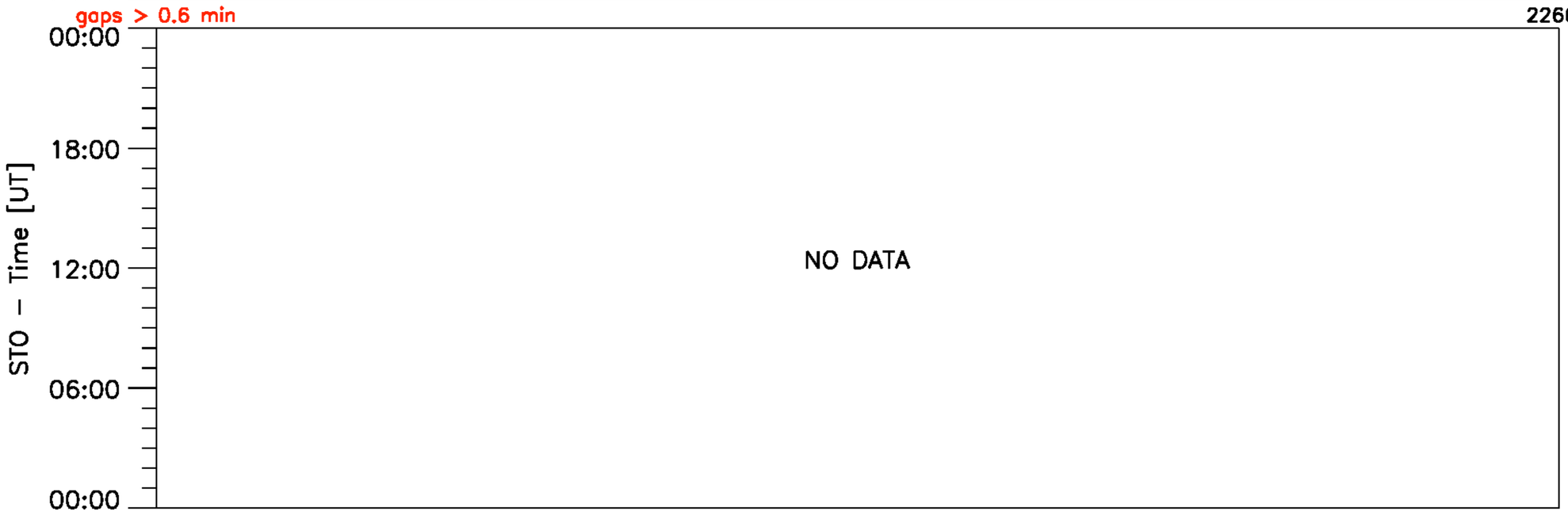
Clock diagnostics vs Record

High latitude radars (fitacf) – 10/Jul/2012



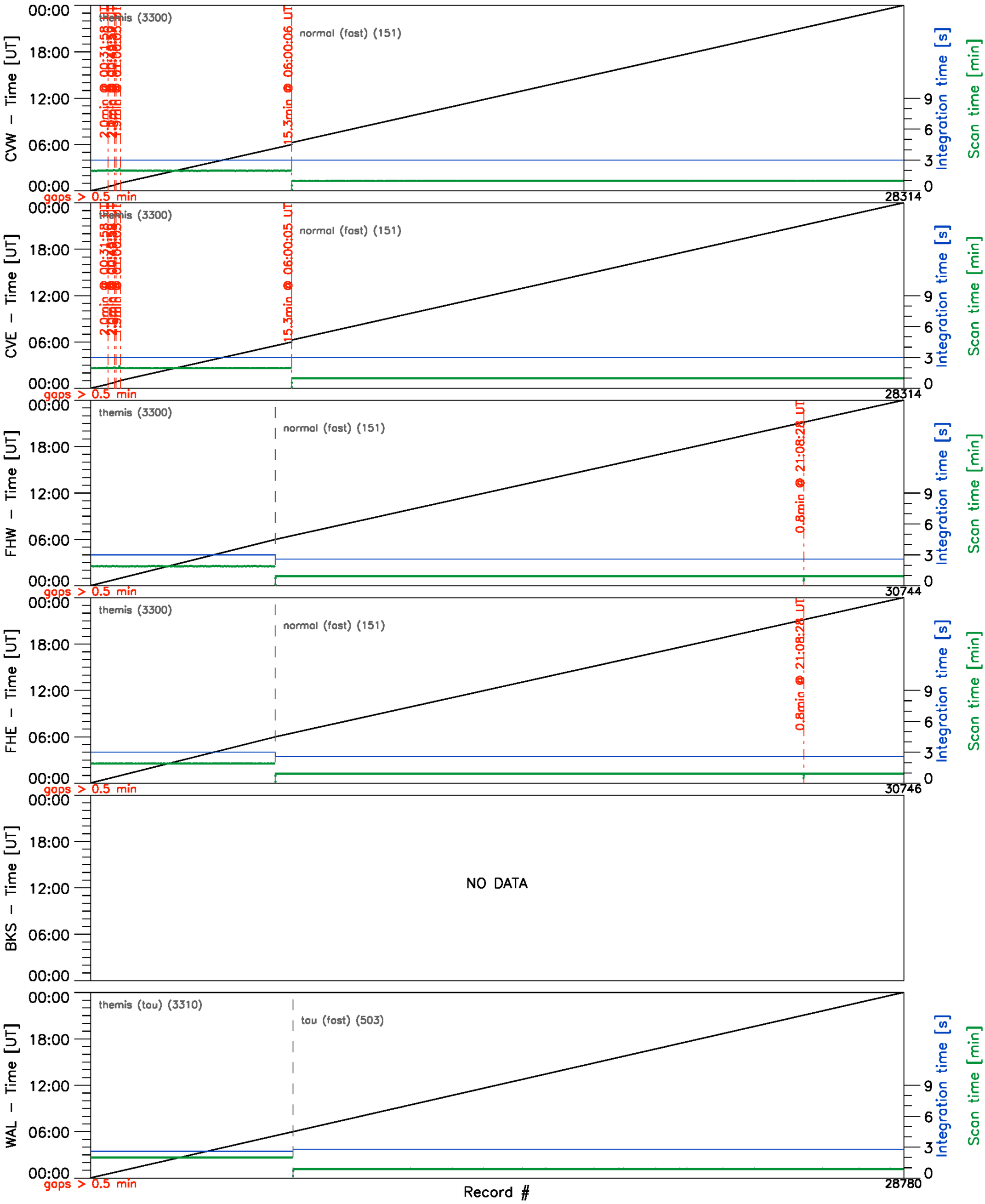




Note on gaps: a gap is marked when two consecutive records are more than 10 integration times apart.

Clock diagnostics vs Record

Mid latitude radars (fitacf) – 10/Jul/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) – 10/Jul/2012

SAS

NO DATA

KAP (all) – nave

themis (tau) (3310)

19

tau (fast) (503)

18

Integration time [s]

Scan time [min]

GBR (all) – nave

themis (tau) (3310)

19

tau (fast) (503)

17

Integration time [s]

Scan time [min]

STO

NO DATA

00:00

06:00

12:00

18:00

00:00

Time [UT]

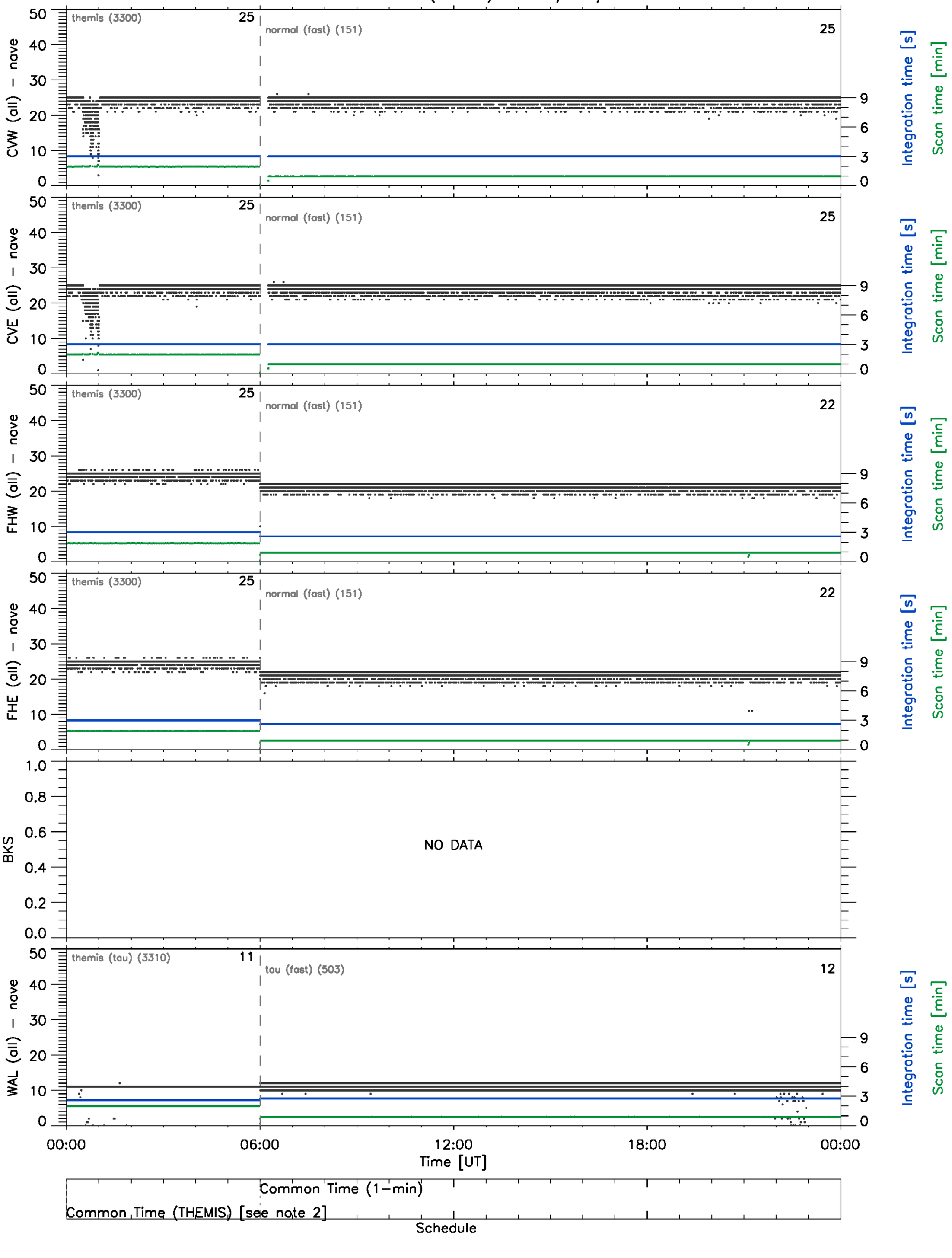
Common Time (1–min)

Common Time (THEMIS) [see note 2]

Schedule

Timing diagnostics (vs UT)

Mid latitude radars (fitacf) – 10/Jul/2012



Timing diagnostics (vs UT)

High latitude radars (fitacf) – 10/Jul/2012

SAS

NO DATA

KAP (all) – nave/intt

themis (tau) (3310)

5

tau (fast) (503)

5

Integration time [s]

Scan time [min]

GBR (all) – nave/intt

themis (tau) (3310)

5

tau (fast) (503)

5

Integration time [s]

Scan time [min]

STO

NO DATA

00:00

06:00

12:00

18:00

00:00

Time [UT]

Common Time (1–min)

Common Time (THEMIS) [see note 2]

Schedule

Timing diagnostics (vs UT)

Mid latitude radars (fitacf) – 10/Jul/2012

CVW (all) – nave/intt

themis (3300) 8

normal (fast) (151) 8

CVE (all) – nave/intt

themis (3300) 8

normal (fast) (151) 8

FHW (all) – nave/intt

themis (3300) 8

normal (fast) (151) 8

FHE (all) – nave/intt

themis (3300) 8

normal (fast) (151) 8

BKS

NO DATA

WAL (all) – nave/intt

themis (tau) (3310) 4

tau (fast) (503) 4

Integration time [s]

Scan time [min]

00:00 06:00 12:00 18:00 00:00

Time [UT]

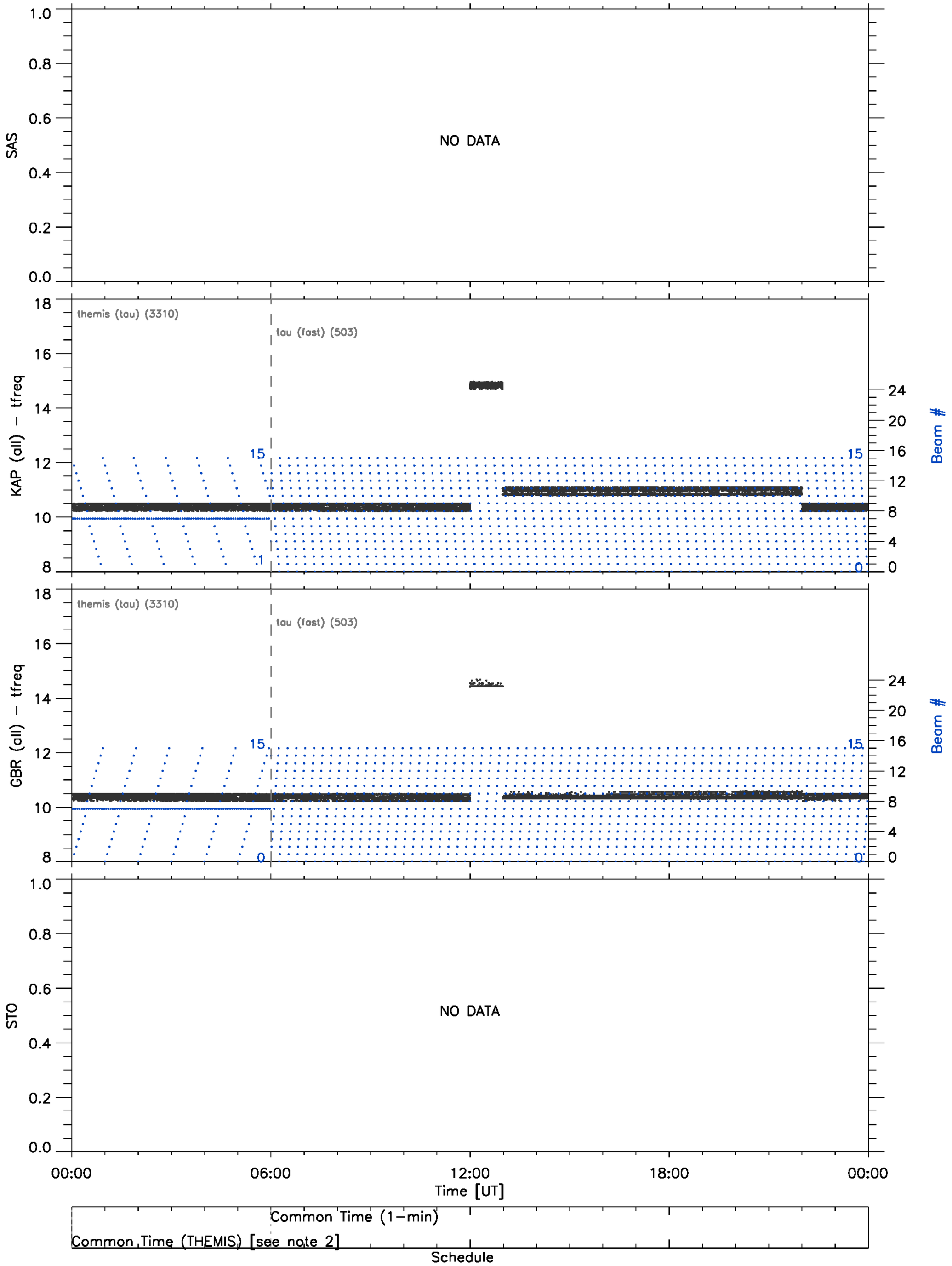
Common Time (1–min)

Common Time (THEMIS) [see note 2]

Schedule

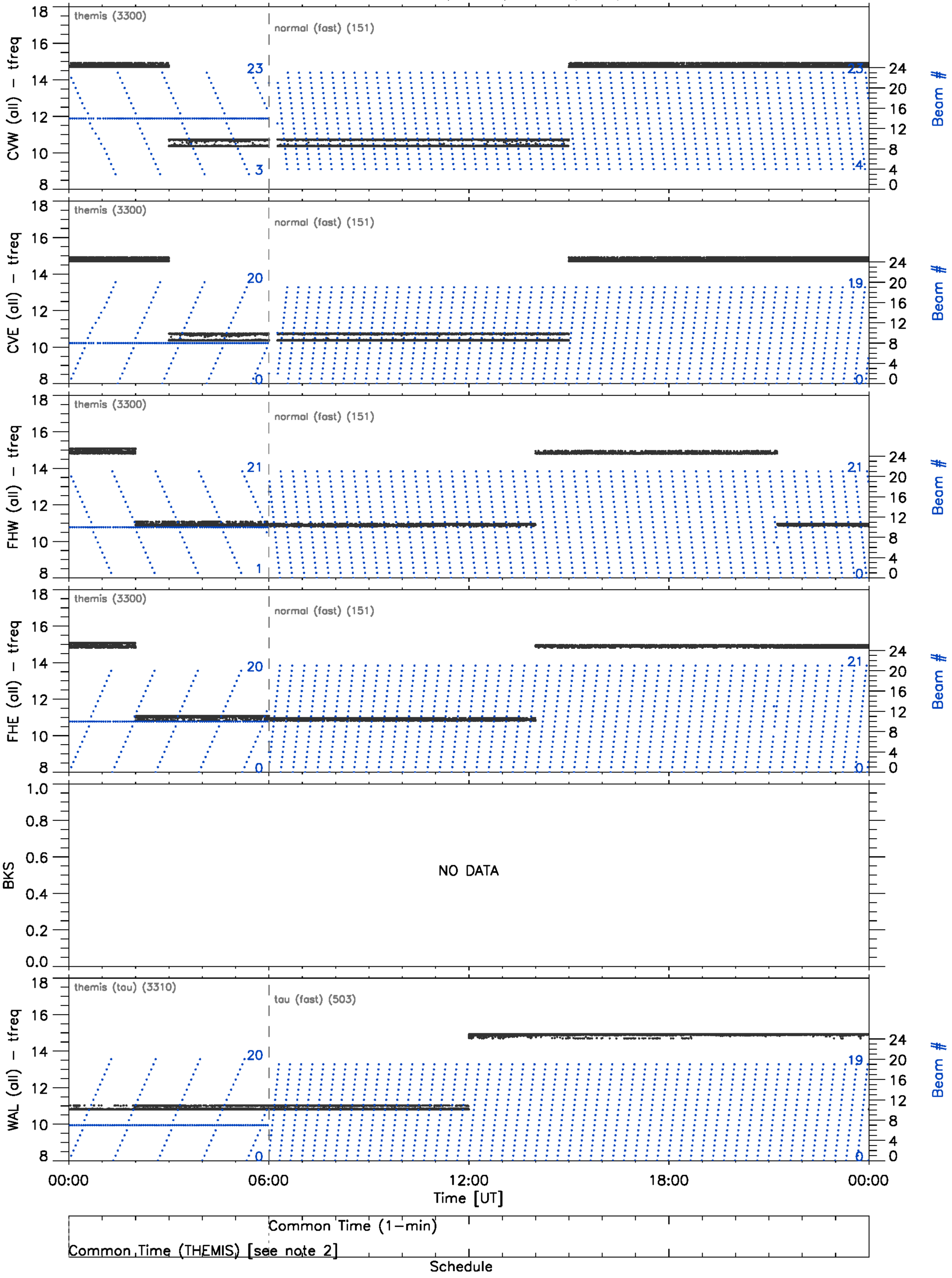
Frequency/Beam diagnostics (vs UT)

High latitude radars (fitacf) – 10/Jul/2012



Frequency/Beam diagnostics (vs UT)

Mid latitude radars (fitacf) – 10/Jul/2012



Note on Beam #: a dot is plotted showing the beam # of the kth record of the kth scan.

Velocity scatter plot

High latitude radars (fitacf) – 10/Jul/2012

SAS

NO DATA

KAP (7) – velocity

themis (tau) (3310)

tau (fast) (503)

GBR (7) – velocity

STO

NO DATA

00:00 06:00 12:00 18:00 00:00

Time [UT]

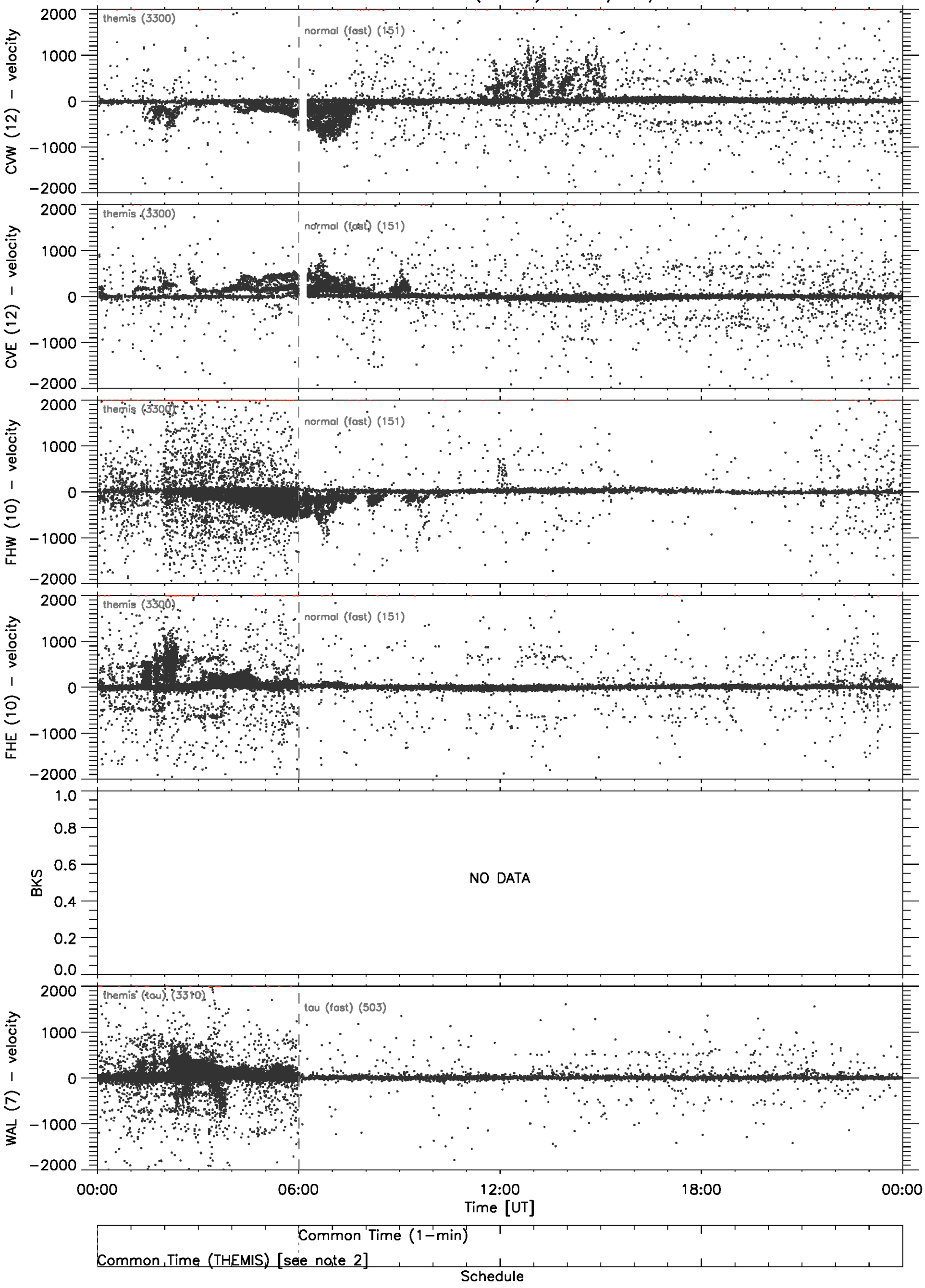
Common Time (1-min)

Common Time (THEMIS) [see note 2]

Schedule

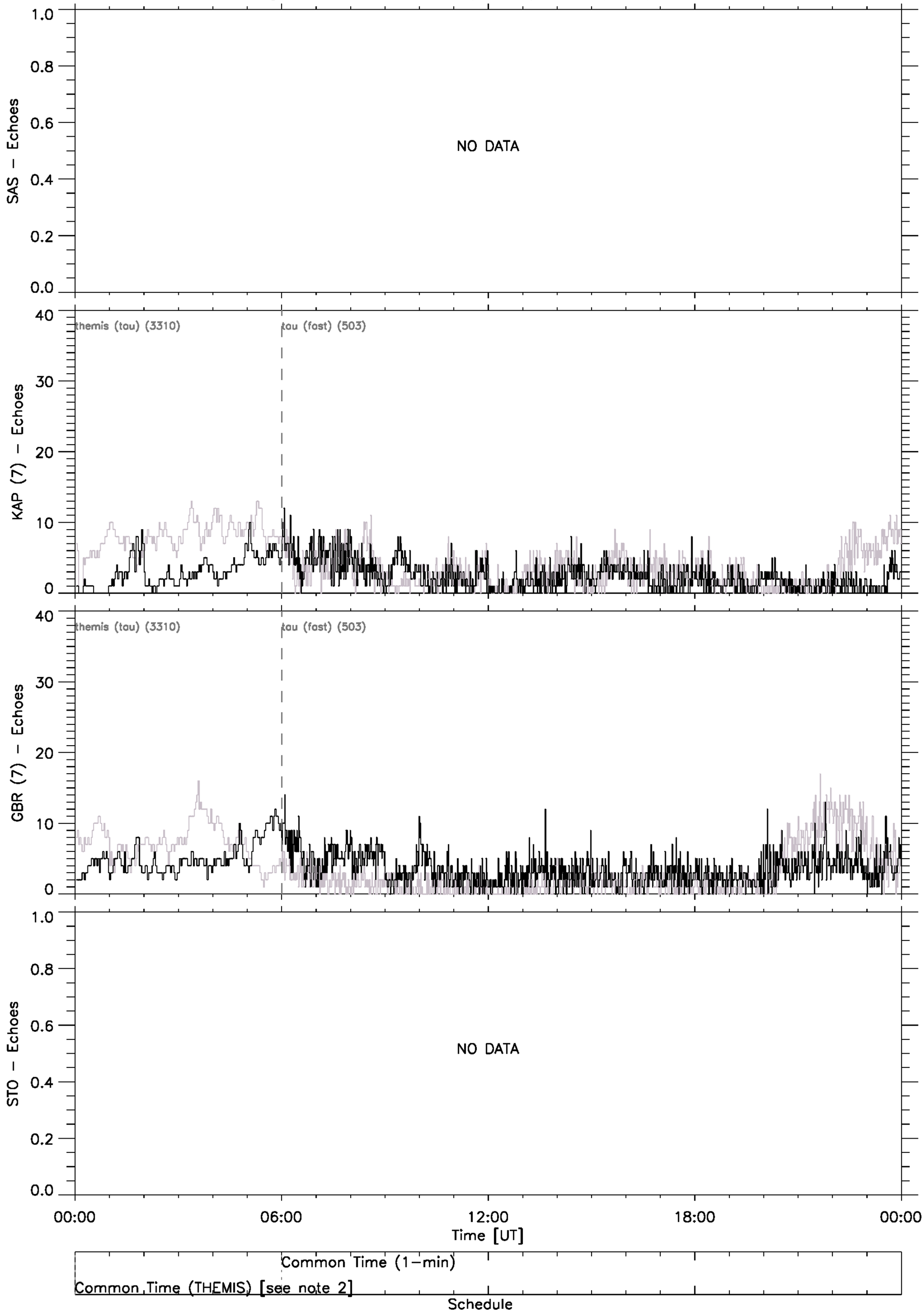
Velocity scatter plot

Mid latitude radars (fitacf) – 10/Jul/2012



Echo Counts

High latitude radars (fitacf) – 10/Jul/2012



Echo Counts

Mid latitude radars (fitacf) – 10/Jul/2012