Clock diagnostics vs Record

High latitude radars (fitacf) — 19/Jun/2012

SAS – Time [UT]

NO DATA

KAP – Time [UT]

themis (3390)

normal (fast) (151)

gaps > 0.6 min

22186

Integration time [s]

Scan time [min]

GBR – Time [UT]

themis (tau) (3310)

tau (fast) (503)

gaps > 0.6 min

22666

Integration time [s]

Scan time [min]

STO – Time [UT]

normal (150)

gaps > 1.2 min

11520

Integration time [s]

Scan time [min]

Record #

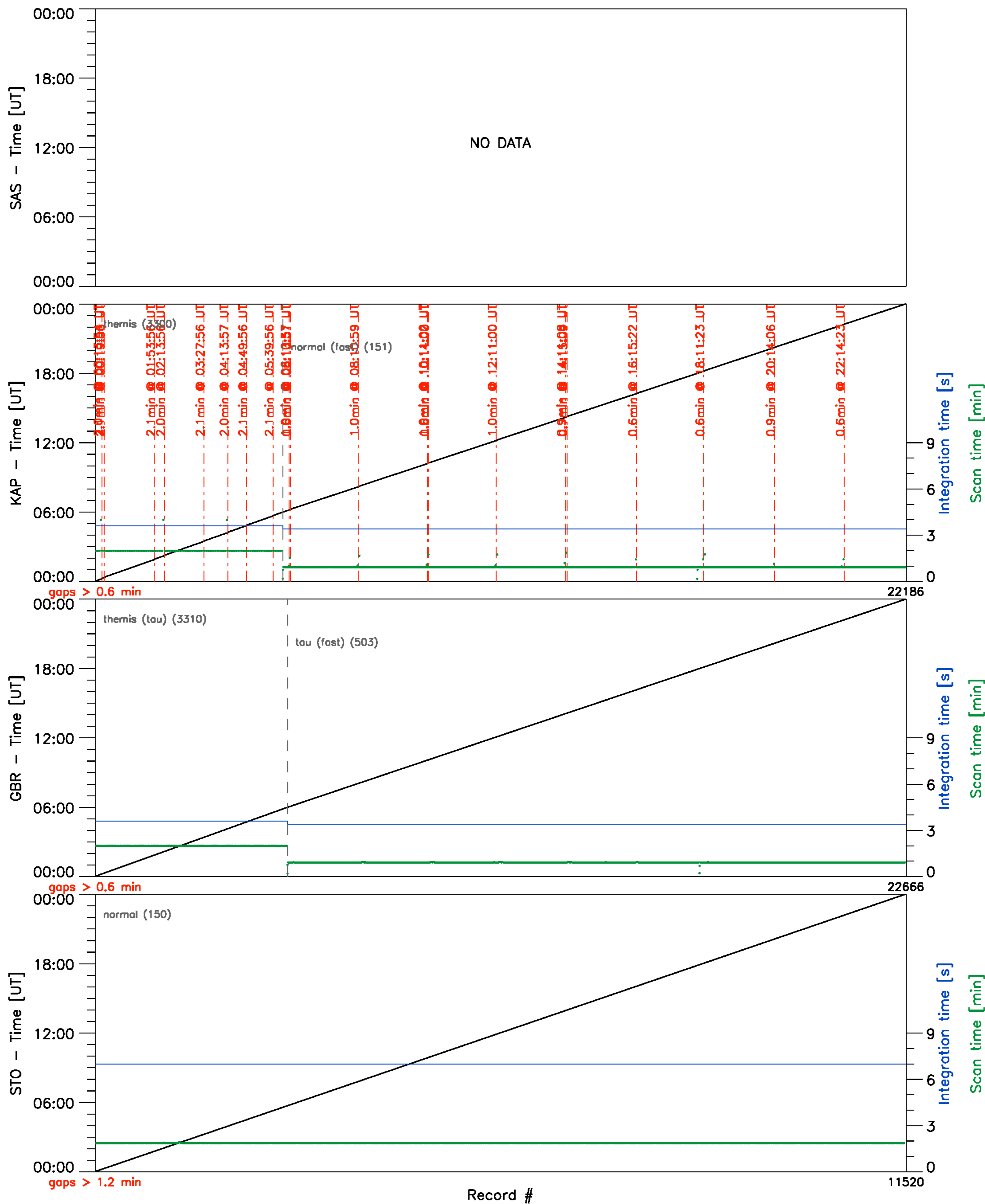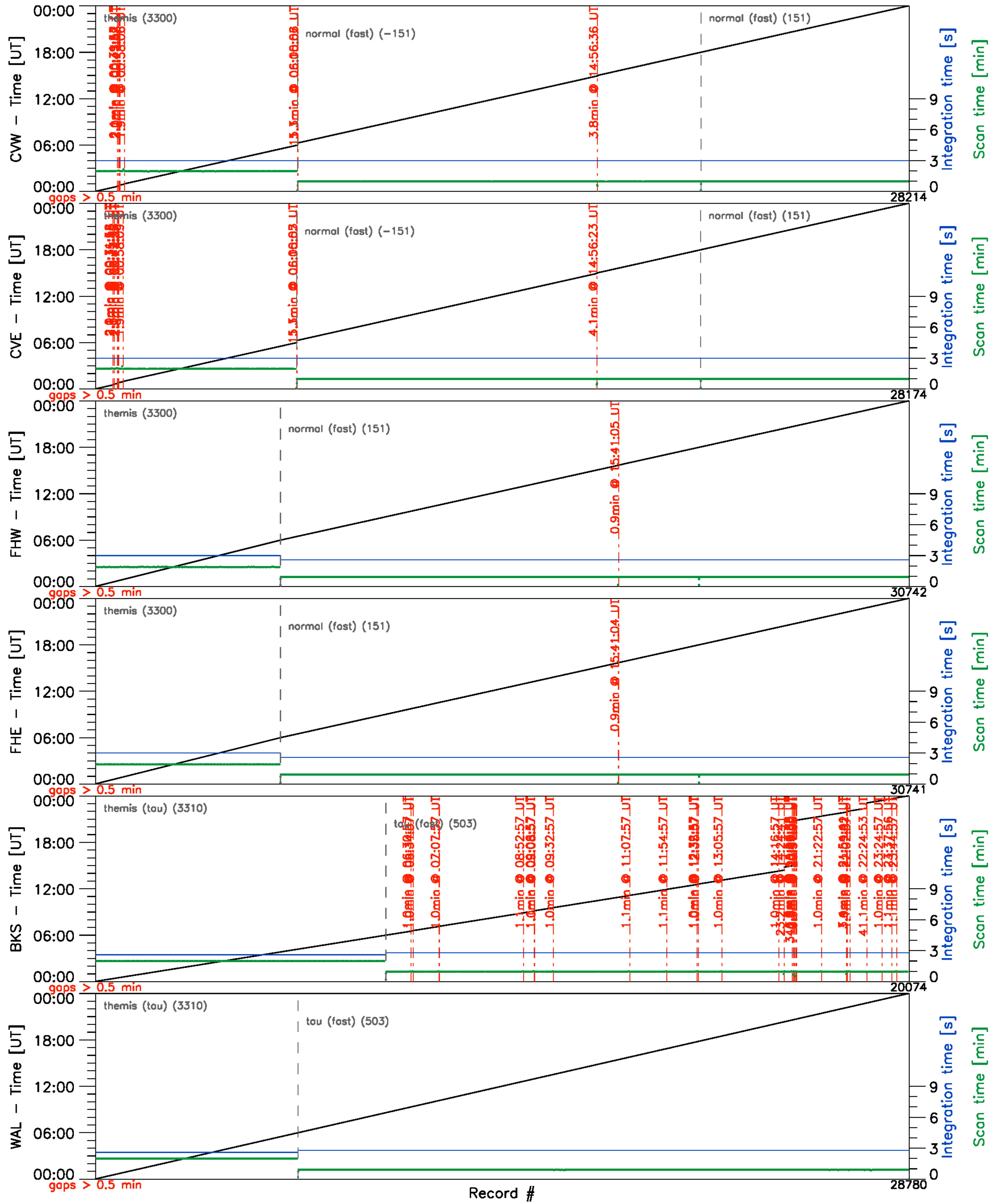Note on gaps: a gap is marked when two consecutive records are more than 10 integration times apart.
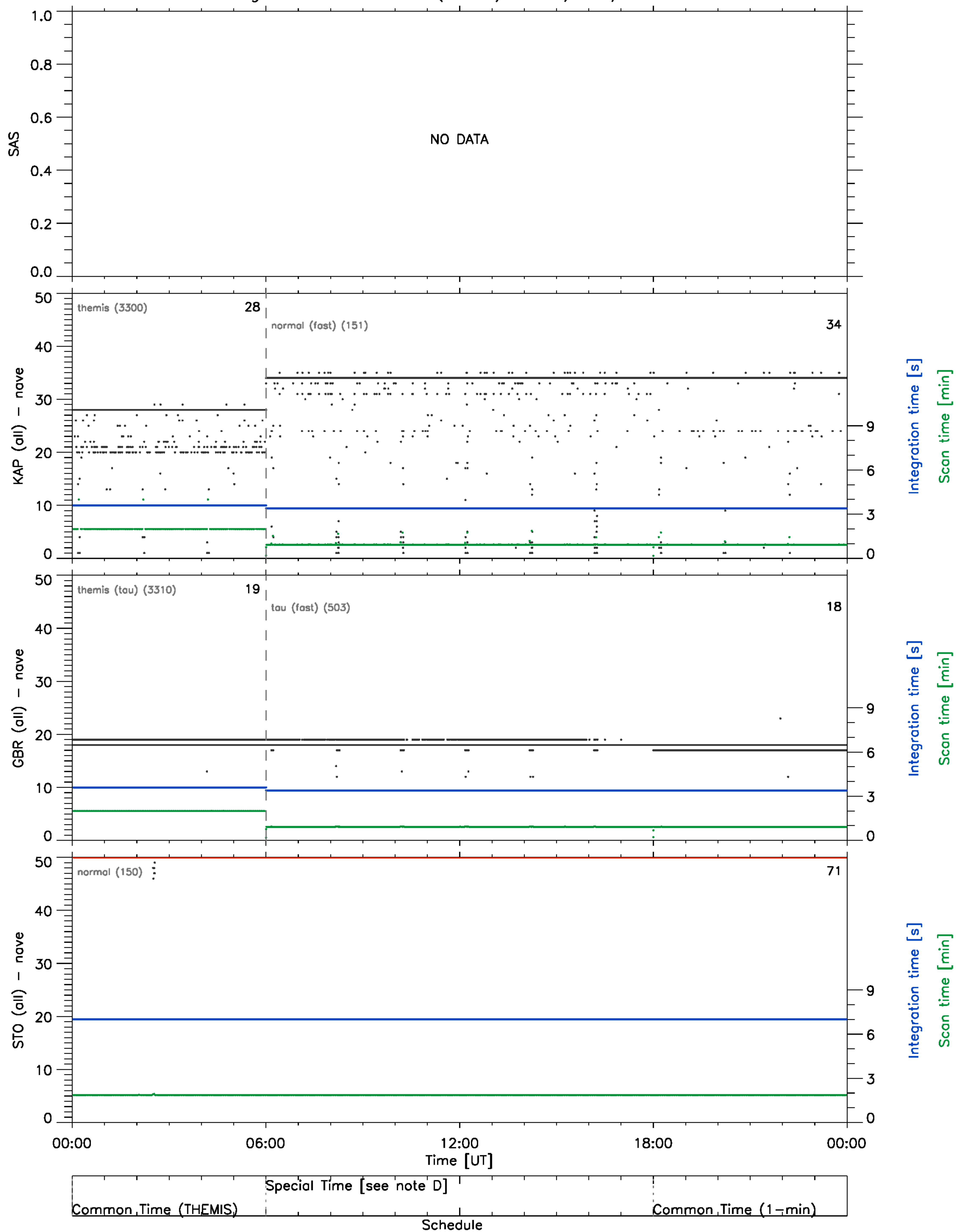
Clock diagnostics vs Record #

Mid latitude radars (fitacf) – 19/Jun/2012

Note on gaps: a gap is marked when two consecutive records are more than 10 integration times apart.
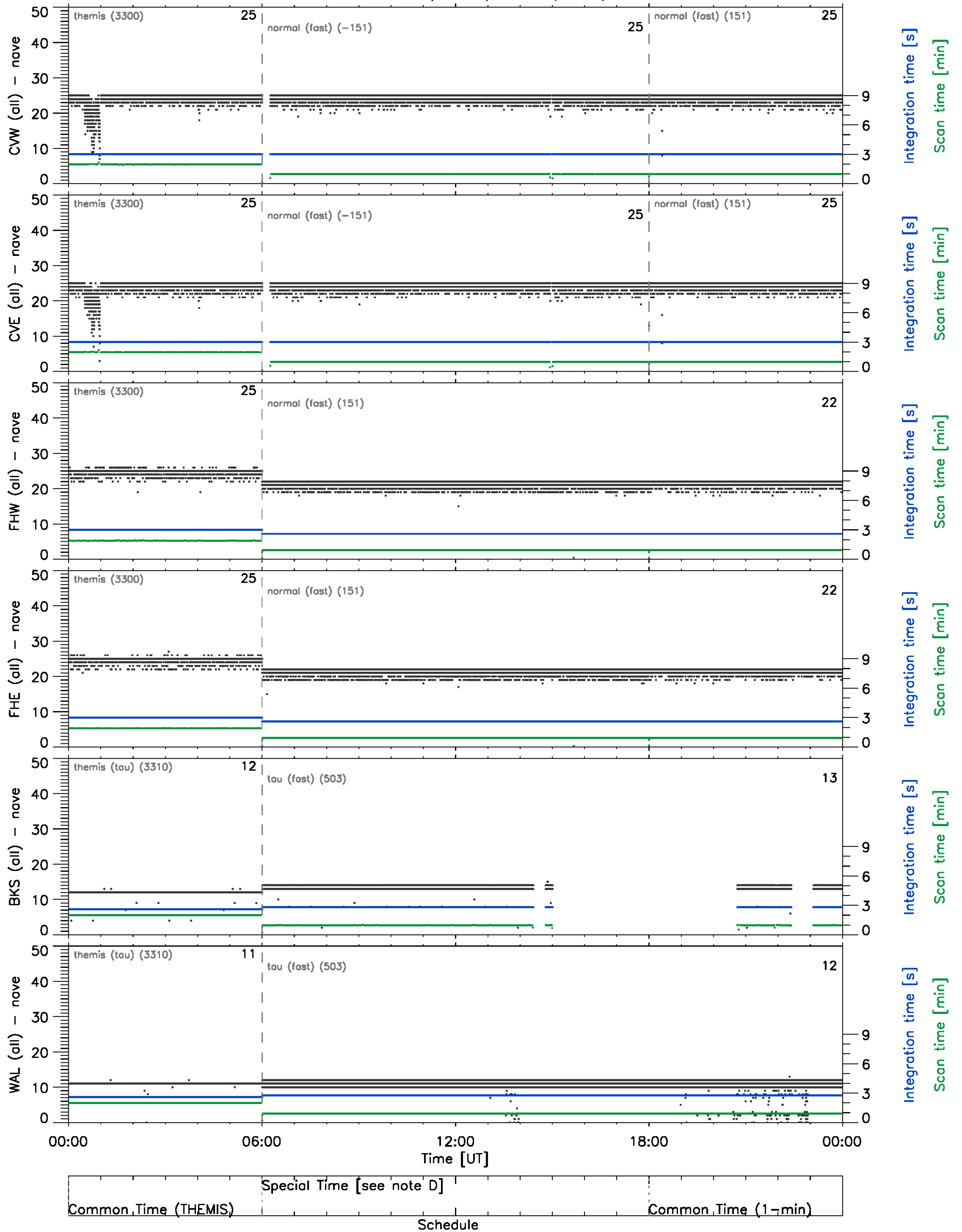
Timing diagnostics (vs UT)
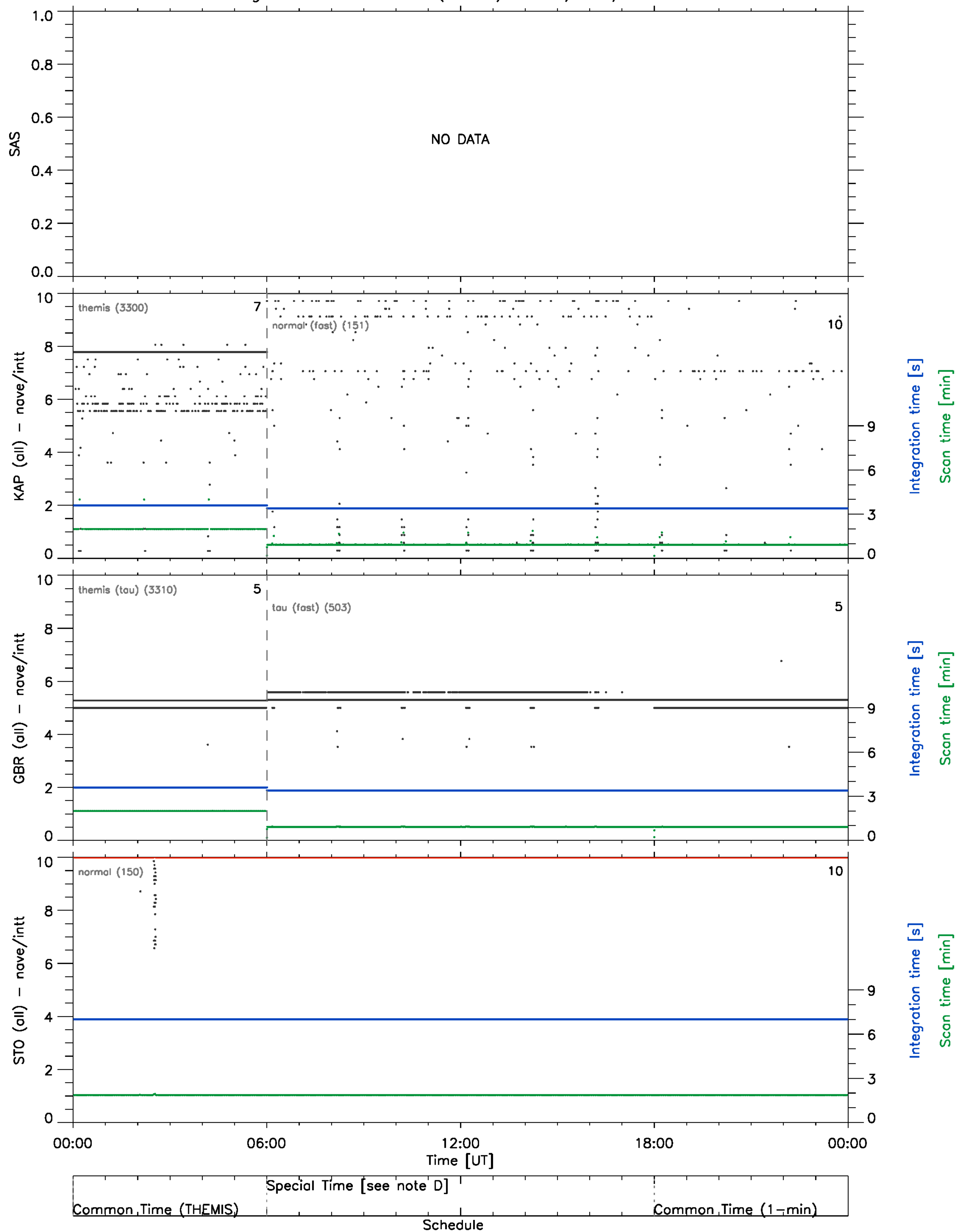
High latitude radars (fitacf) – 19/Jun/2012

Timing diagnostics (vs UT)
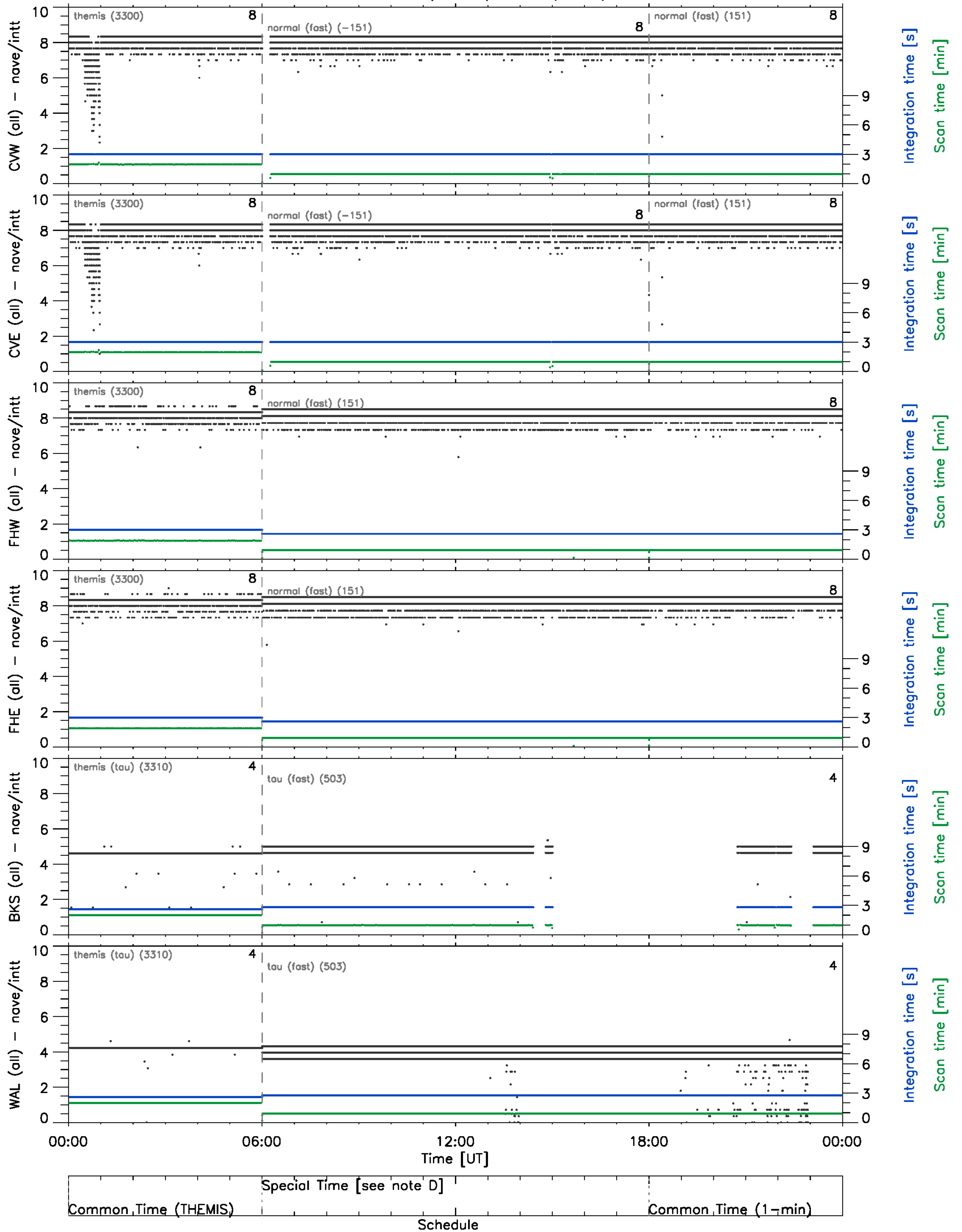
Mid latitude radars (fitacf) — 19/Jun/2012

Timing diagnostics (vs UT)
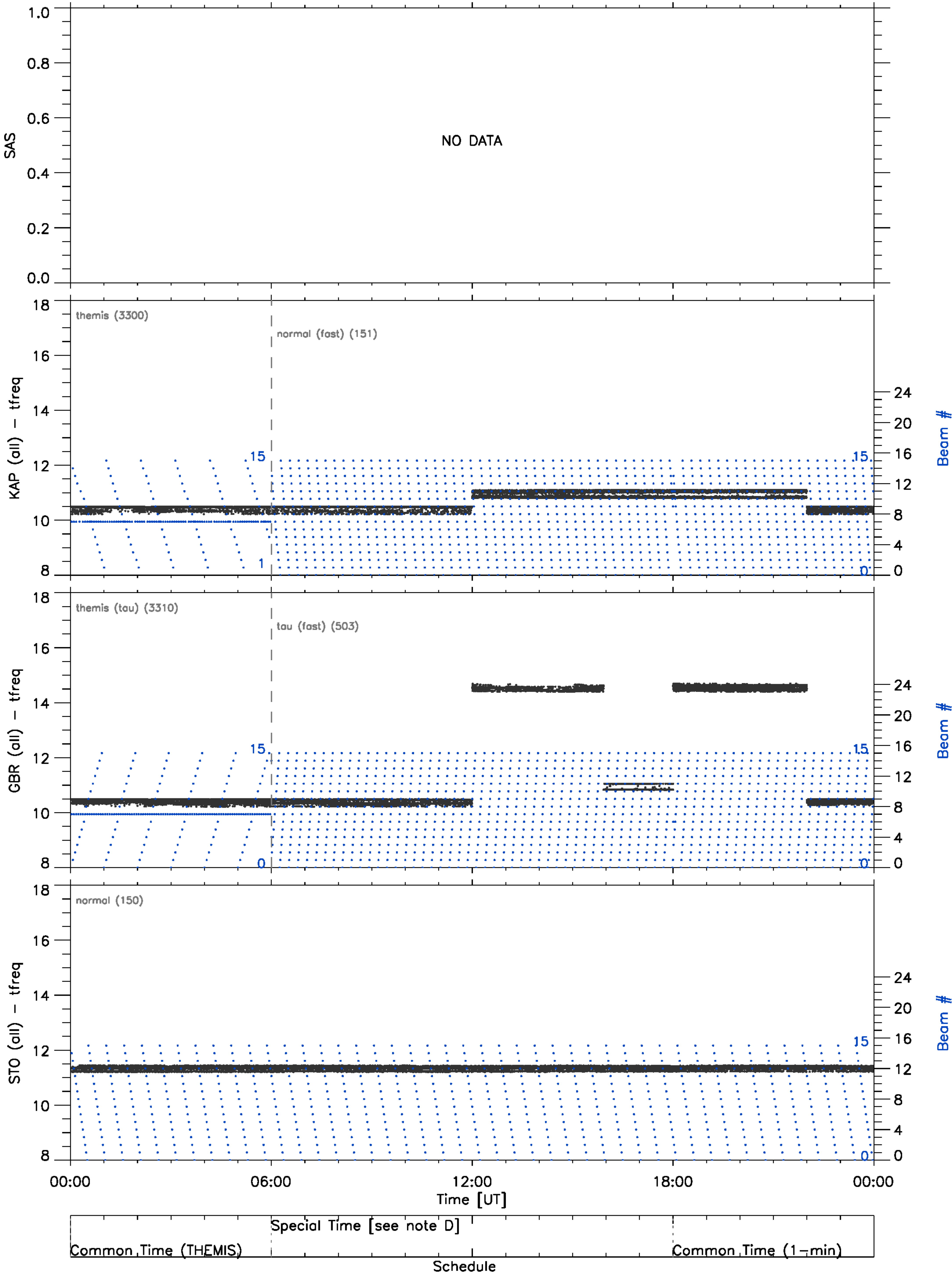
High latitude radars (fitacf) — 19/Jun/2012

Timing diagnostics (vs UT)

Mid latitude radars (fitacf) — 19/Jun/2012
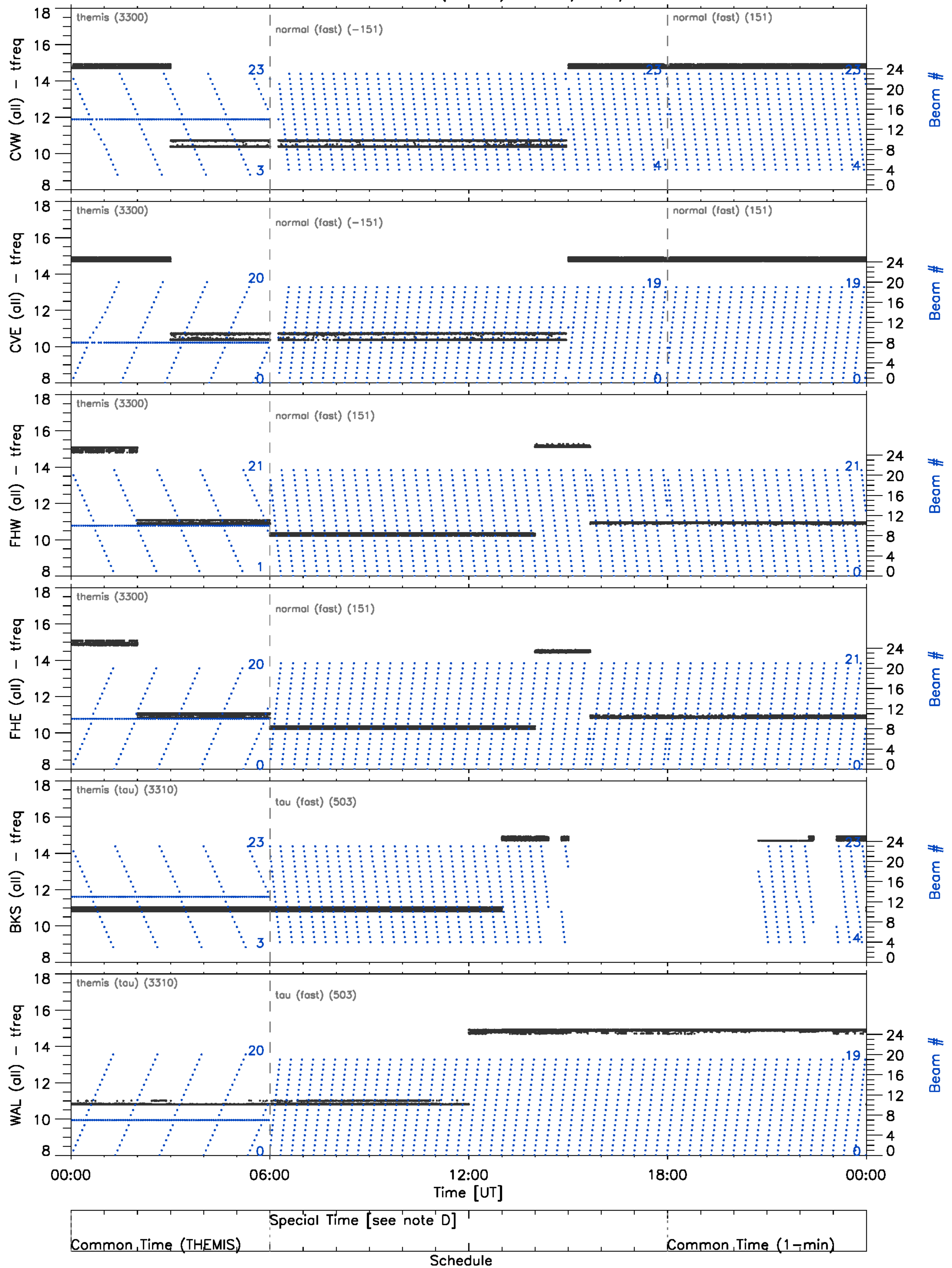
Frequency/Beam diagnostics (vs UT)

High latitude radars (fitacf) — 19/Jun/2012

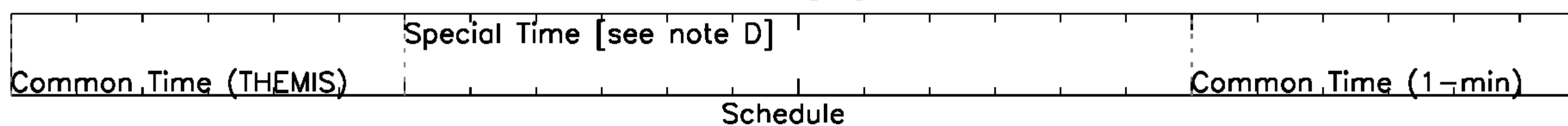Note on Beam #: a dot is plotted showing the beam # of the kᵗʰ record of the kᵗʰ scan.

Frequency/Beam diagnostics (vs UT)

Mid latitude radars (fitacf) – 19/Jun/2012

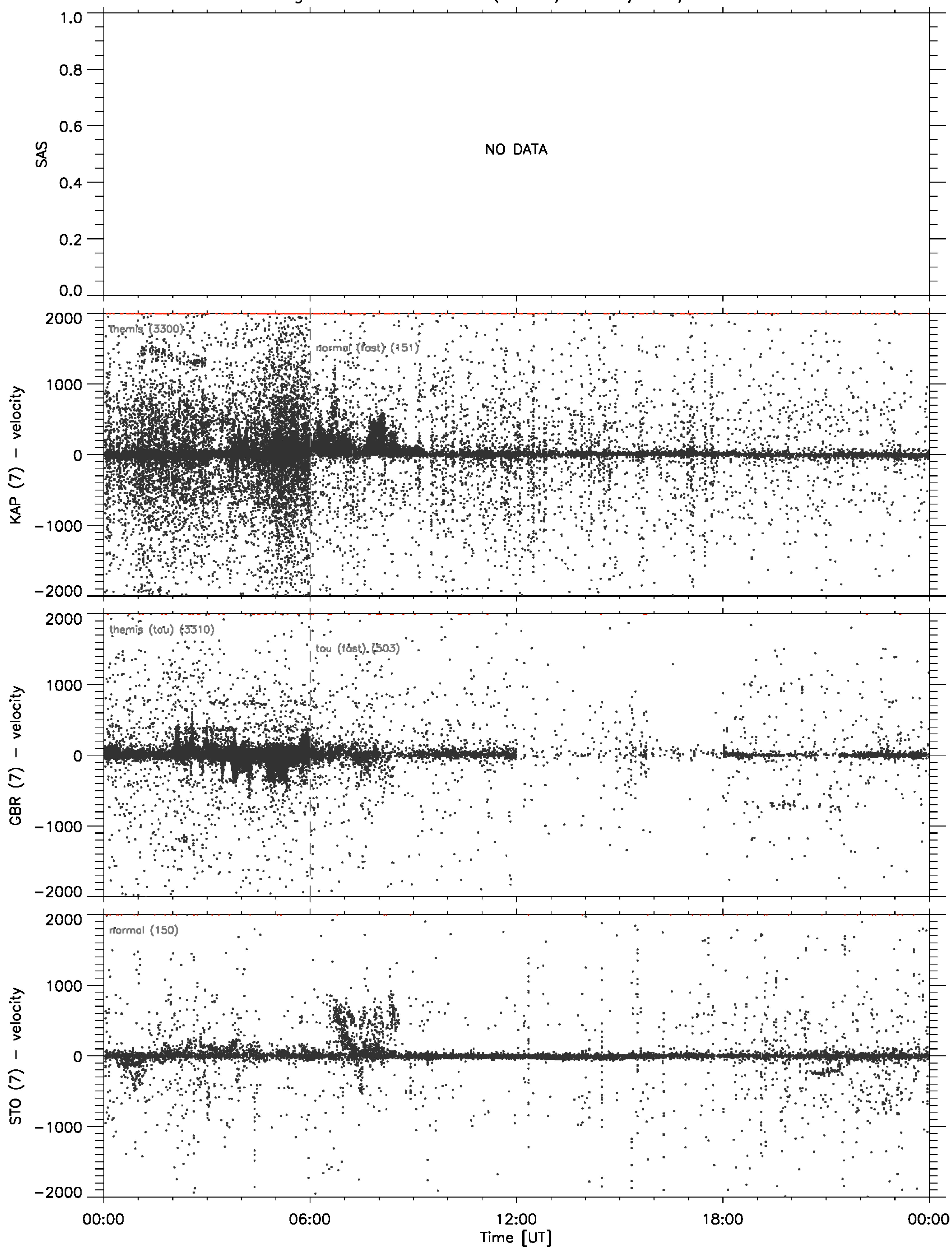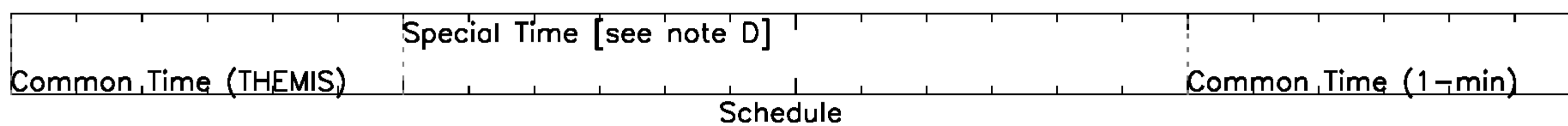Note on Beam #: a dot is plotted showing the beam # of the kth record of the kth scan.

Velocity scatter plot
High latitude radars (fitacf) — 19/Jun/2012

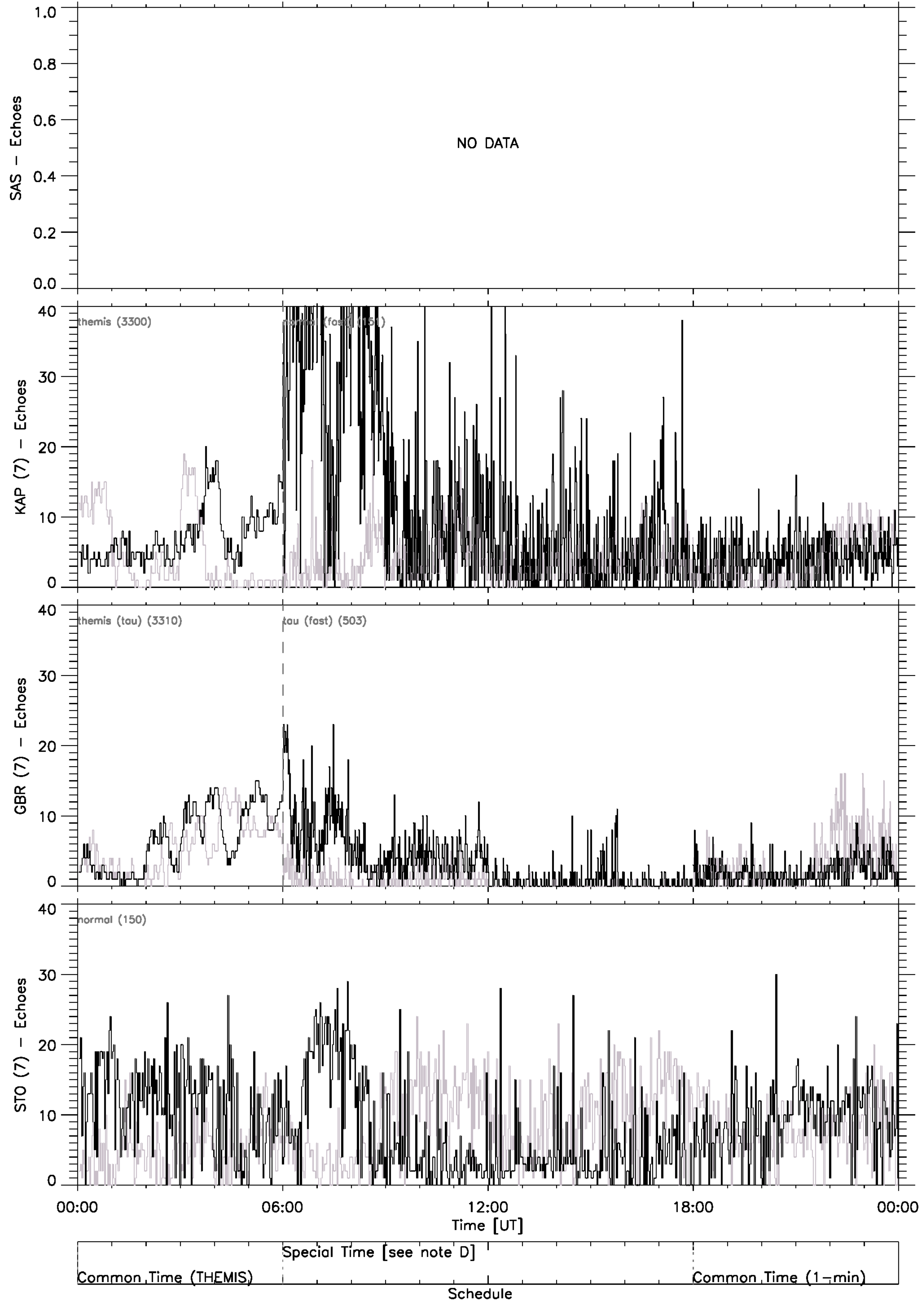# Velocity scatter plot

Mid latitude radars (fitacf) – 19/Jun/2012
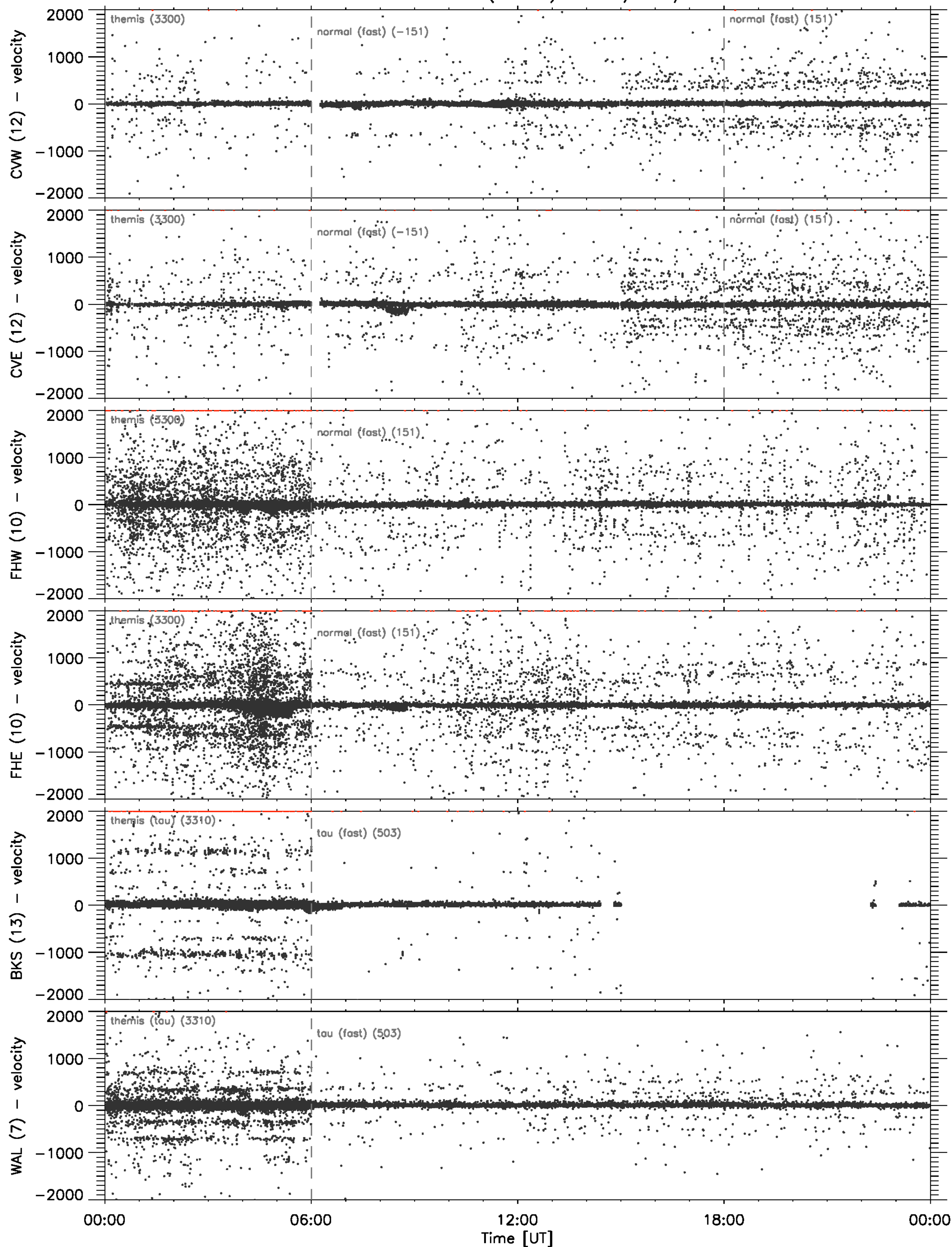
Echo Counts

High latitude radars (fitacf) − 19/Jun/2012

SAS − Echoes

NO DATA

KAP (7) − Echoes

themis (3300)   themis (fast) (351)

GBR (7) − Echoes

themis (tau) (3310)   tau (fast) (503)

STO (7) − Echoes

normal (150)

Time [UT]

Special Time [see note D]

Common Time (THEMIS)   Common Time (1−min)

Schedule

Echo Counts

Mid latitude radars (fitacf) — 19/Jun/2012

themis (3300) normal (fast) (−151) normal (fast) (151)

CVW (12) — Echoes

themis (3300) normal (fast) (−151) normal (fast) (151)

CVE (12) — Echoes

themis (3300) normal (fast) (151)

FHW (10) — Echoes

themis (3300) normal (fast) (151)

FHE (10) — Echoes

themis (tau) (3310) tau (fast) (503)

BKS (13) — Echoes

themis (tau) (3310) tau (fast) (503)

WAL (7) — Echoes

Time [UT]

Special Time [see note D]

Common Time (THEMIS) Common Time (1-min)

Schedule