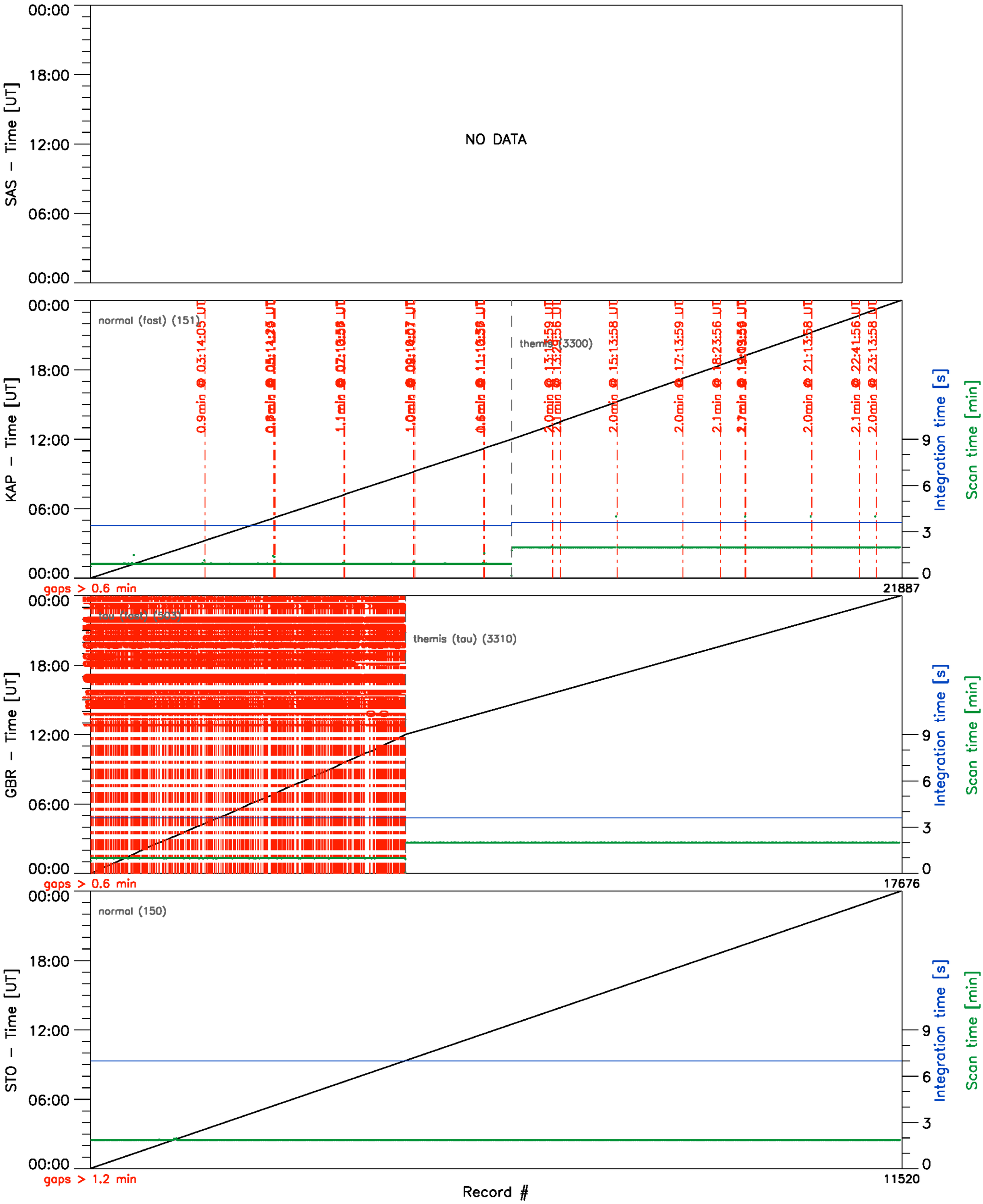
Clock diagnostics vs Record

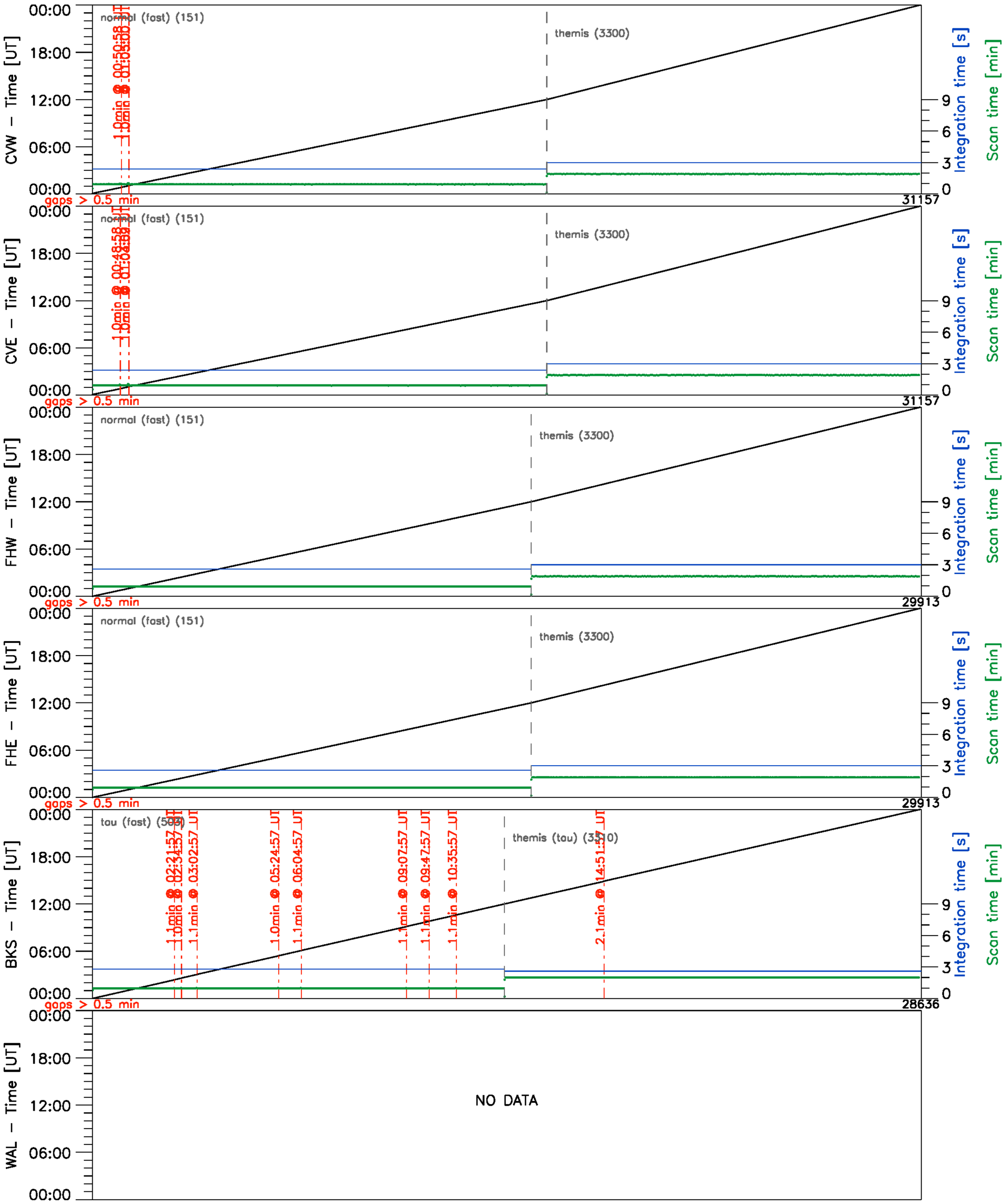
High latitude radars (fitacf) – 05/Feb/2012



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

Clock diagnostics vs Record

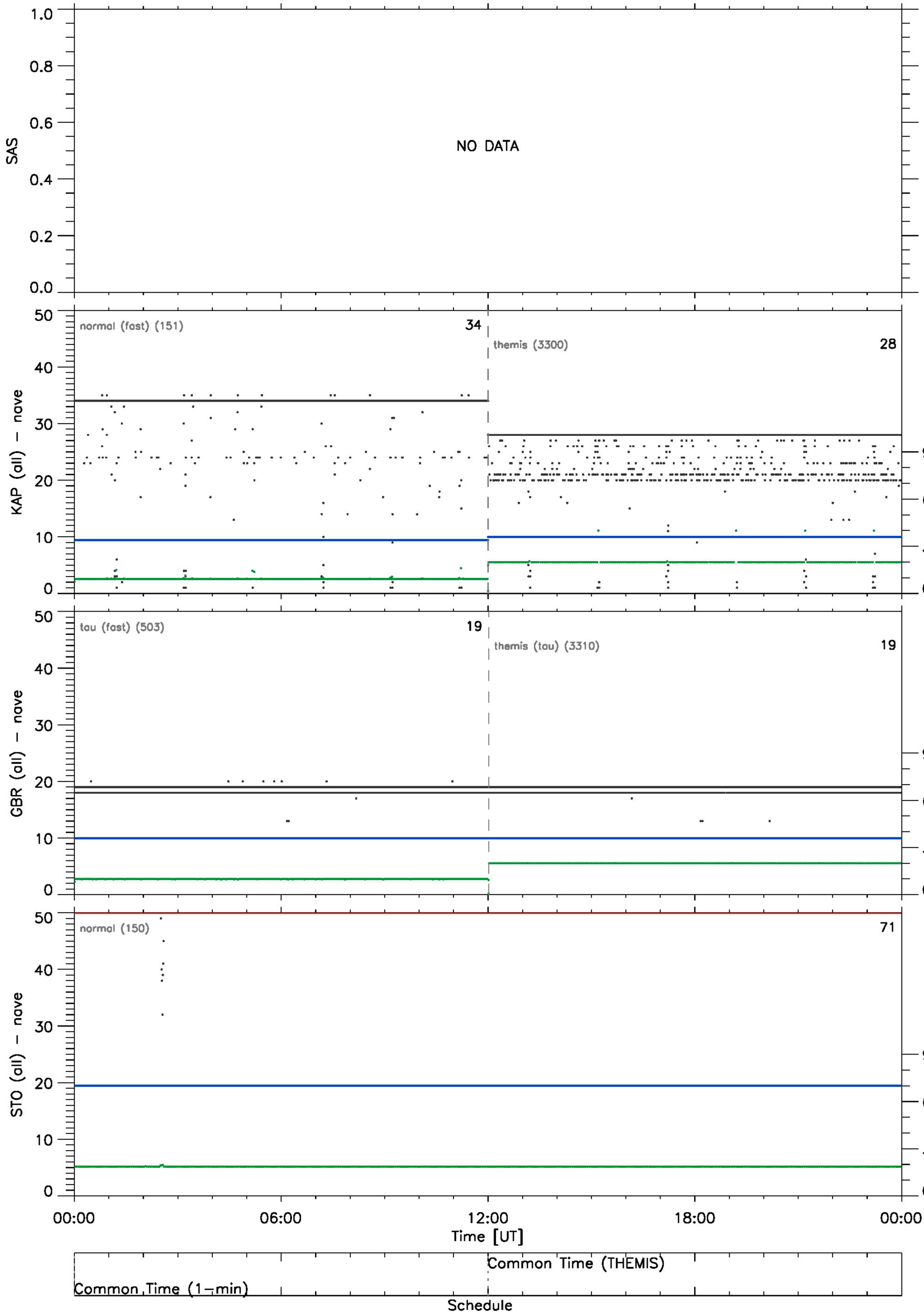
Mid latitude radars (fitacf) – 05/Feb/2012



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

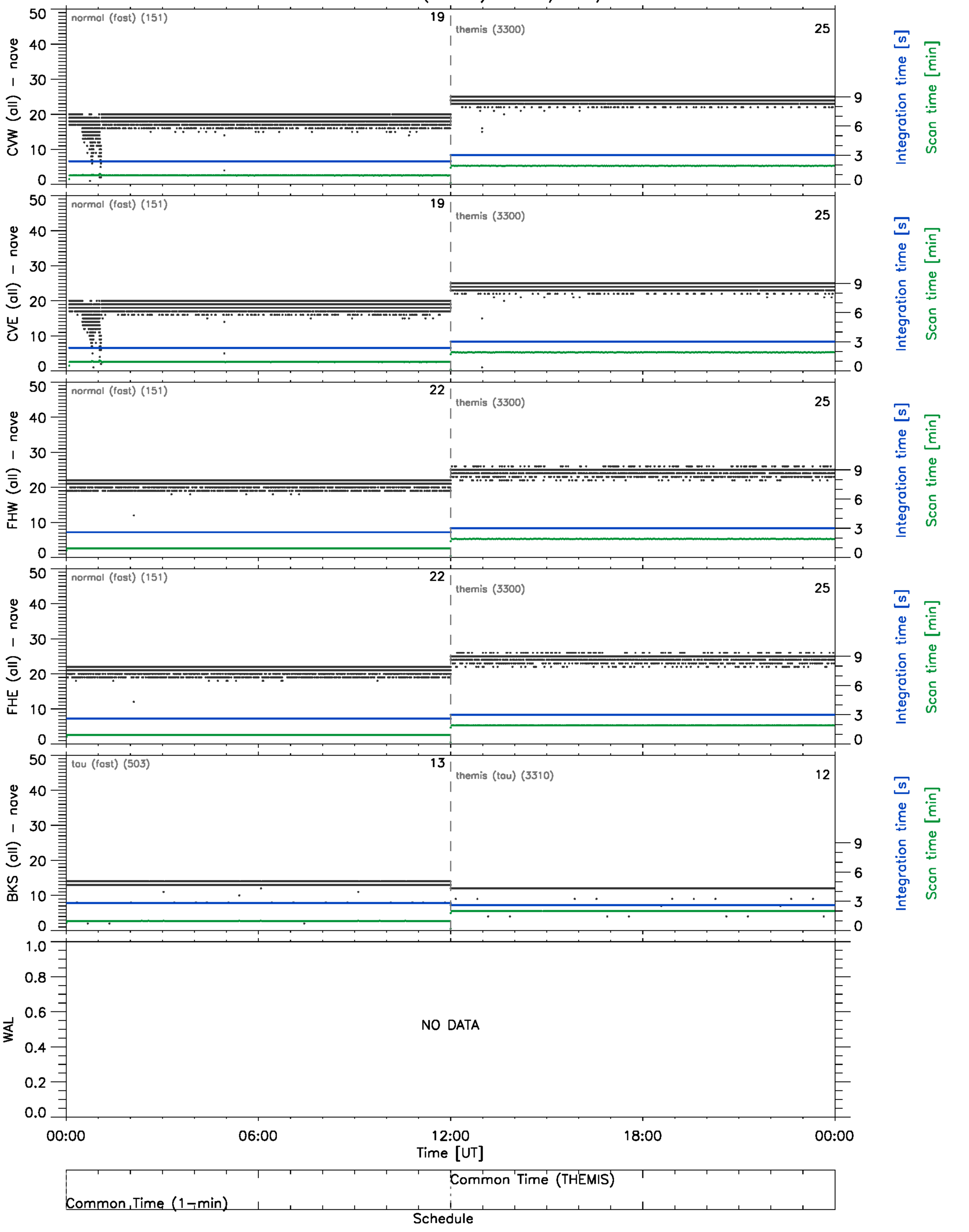
Timing diagnostics (vs UT)

High latitude radars (fitacf) – 05/Feb/2012



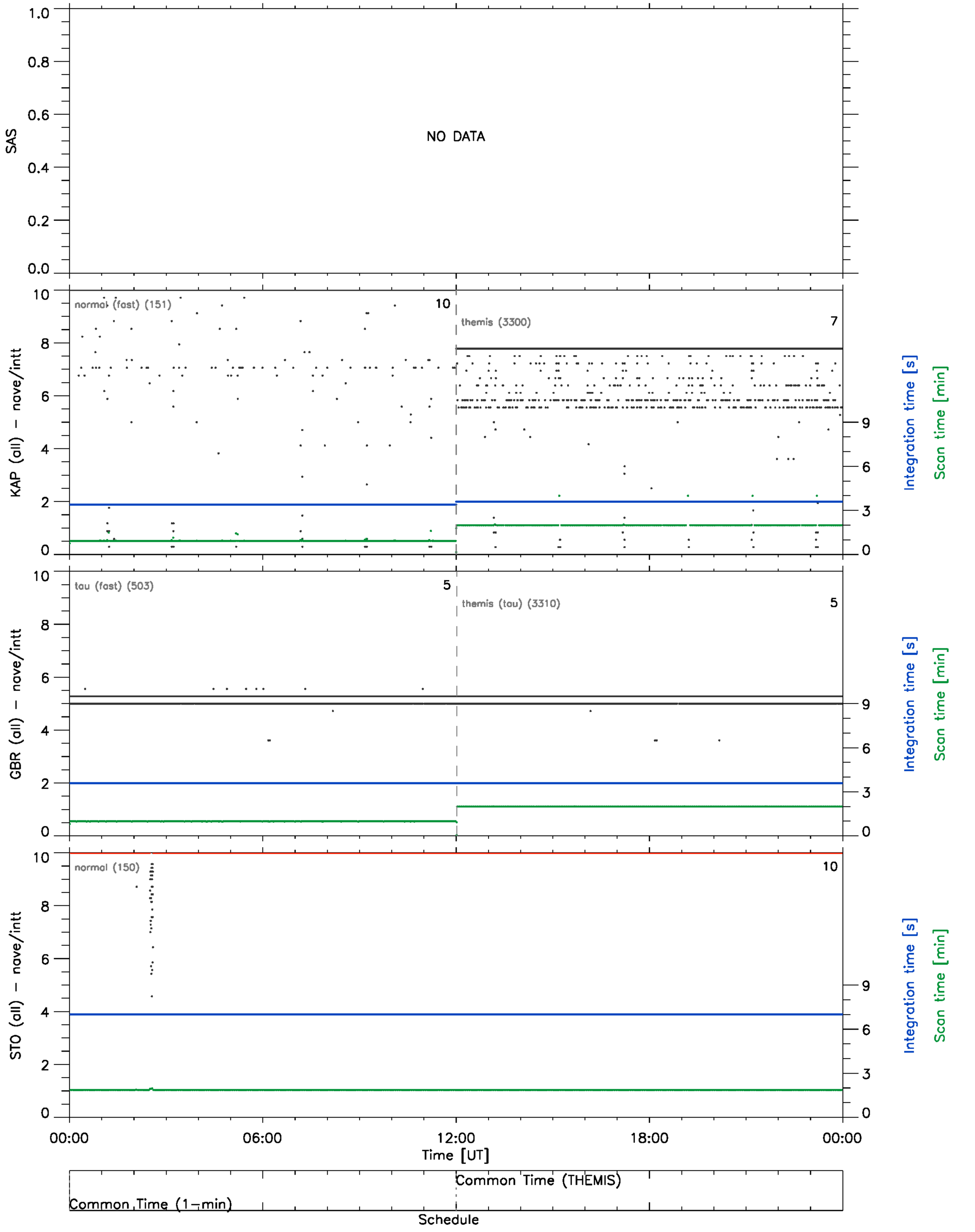
Timing diagnostics (vs UT)

Mid latitude radars (fitacf) – 05/Feb/2012



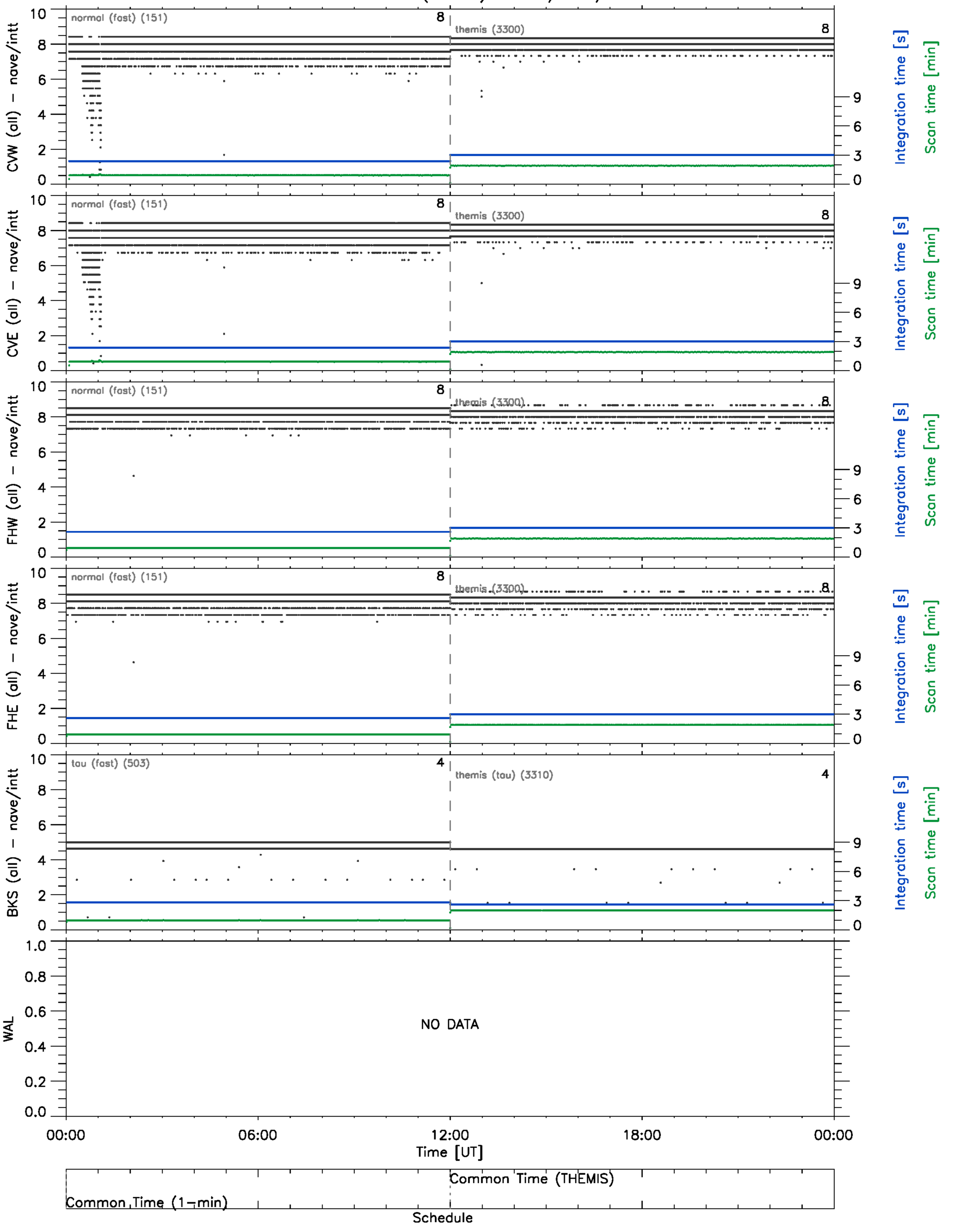
Timing diagnostics (vs UT)

High latitude radars (fitacf) – 05/Feb/2012



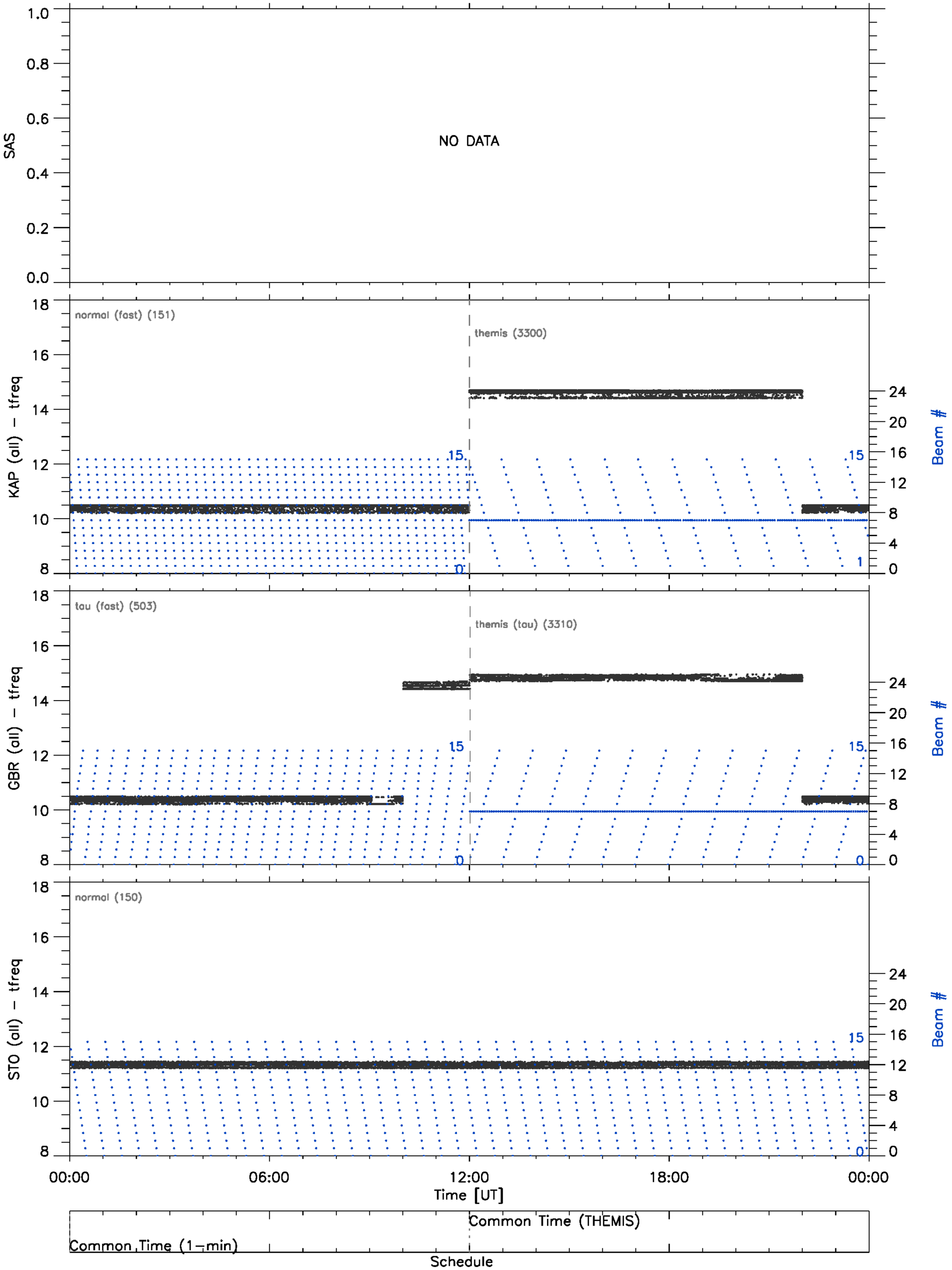
Timing diagnostics (vs UT)

Mid latitude radars (fitacf) – 05/Feb/2012



Frequency/Beam diagnostics (vs UT)

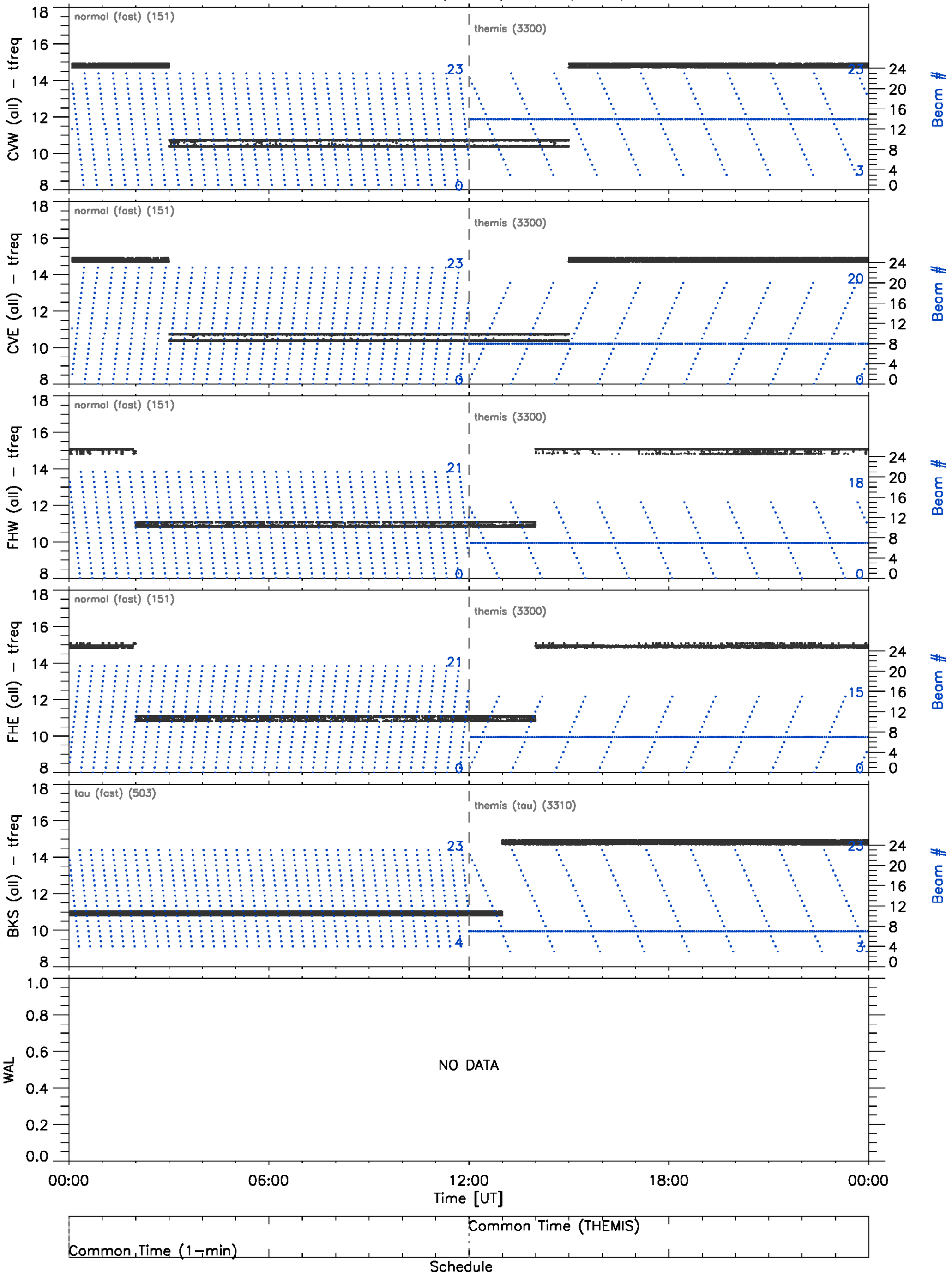
High latitude radars (fitacf) – 05/Feb/2012



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) – 05/Feb/2012



Velocity scatter plot

High latitude radars (fitacf) – 05/Feb/2012

SAS

1.0
0.8
0.6
0.4
0.2
0.0

NO DATA

KAP (7) – velocity

2000
1000
0
−1000
−2000

normal (fast) (151)

themis (3300)

GBR (7) – velocity

2000
1000
0
−1000
−2000

tau (fast) (503)

themis (tau) (3310)

STO (7) – velocity

2000
1000
0
−1000
−2000

normal (150)

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

Time [UT]

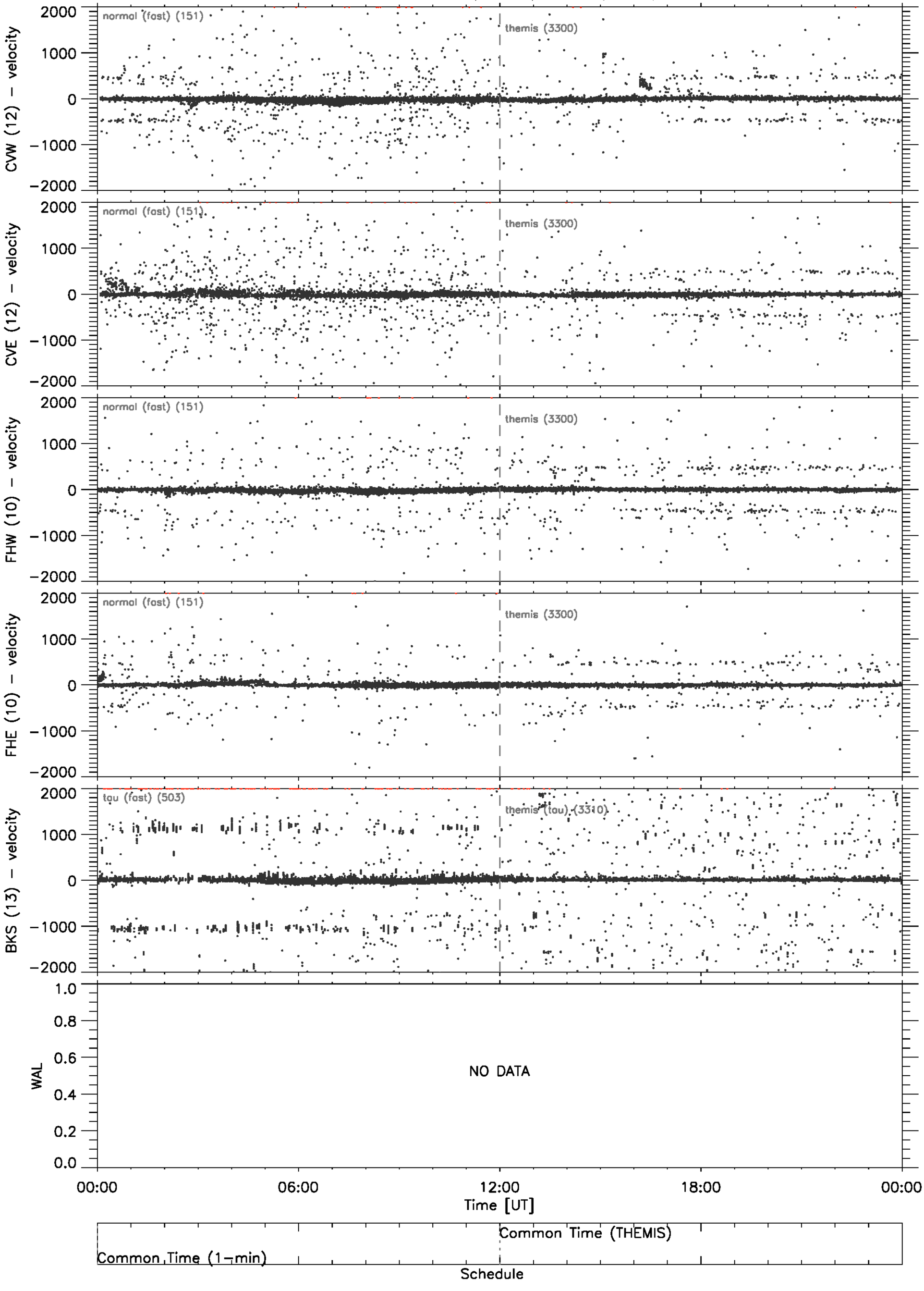
Common Time (THEMIS)

Common Time (1−min)

Schedule

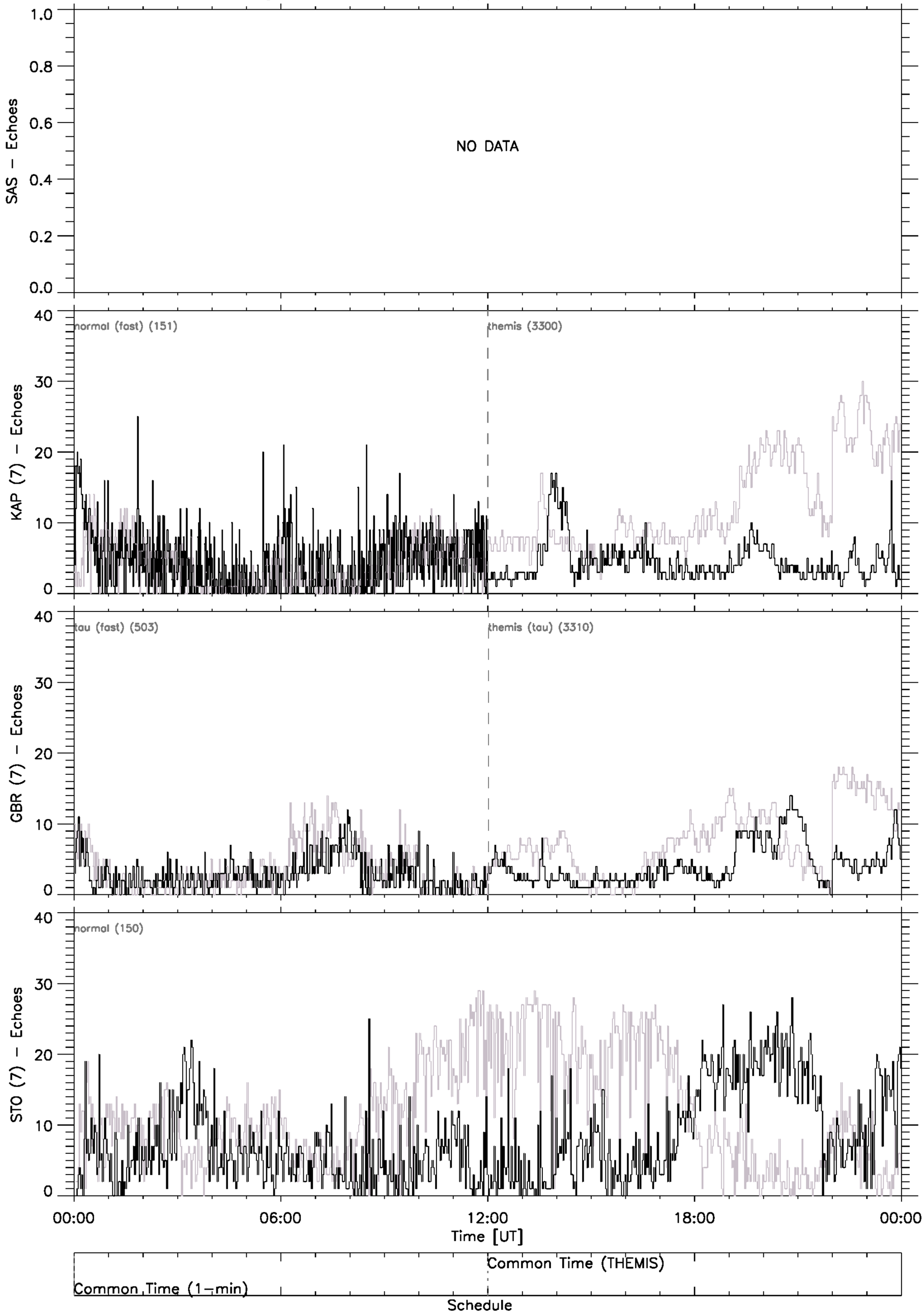
Velocity scatter plot

Mid latitude radars (fitacf) – 05/Feb/2012



Echo Counts

High latitude radars (fitacf) – 05/Feb/2012



Echo Counts

Mid latitude radars (fitacf) – 05/Feb/2012