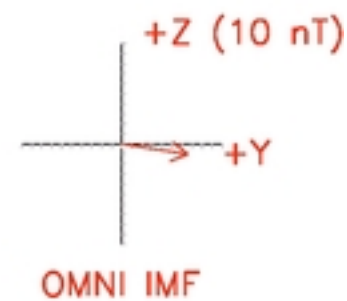
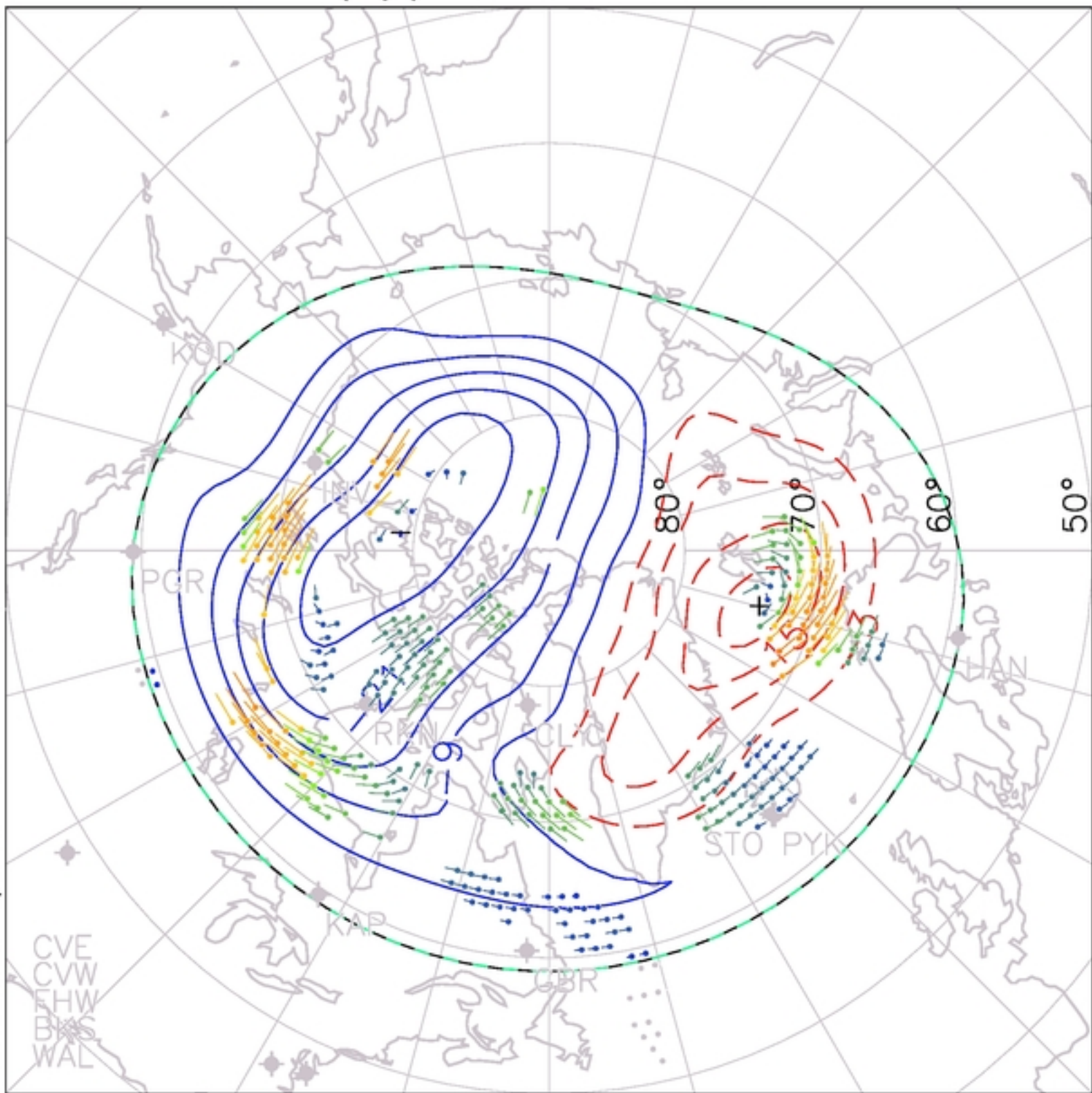


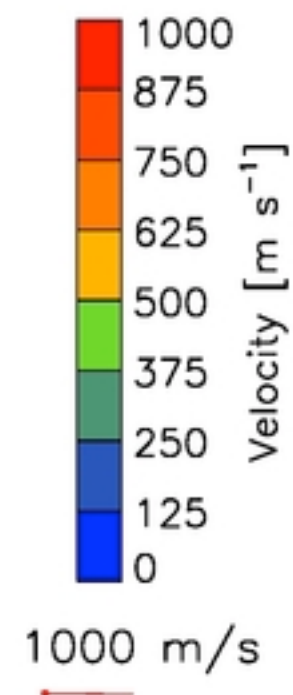
17/Apr/2014 02:58–03:00 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates



Stat Mod: RG96
By+, 6<BT<12



1000 m/s

$\Phi_{pc} = 56$ kV
 $\Lambda_{HM} = 59^\circ$
 $N_{vc} = 318$ pts
 $N_{rods} = 15$

Hour (MLT)

17/Apr/2014 03:00-03:02 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

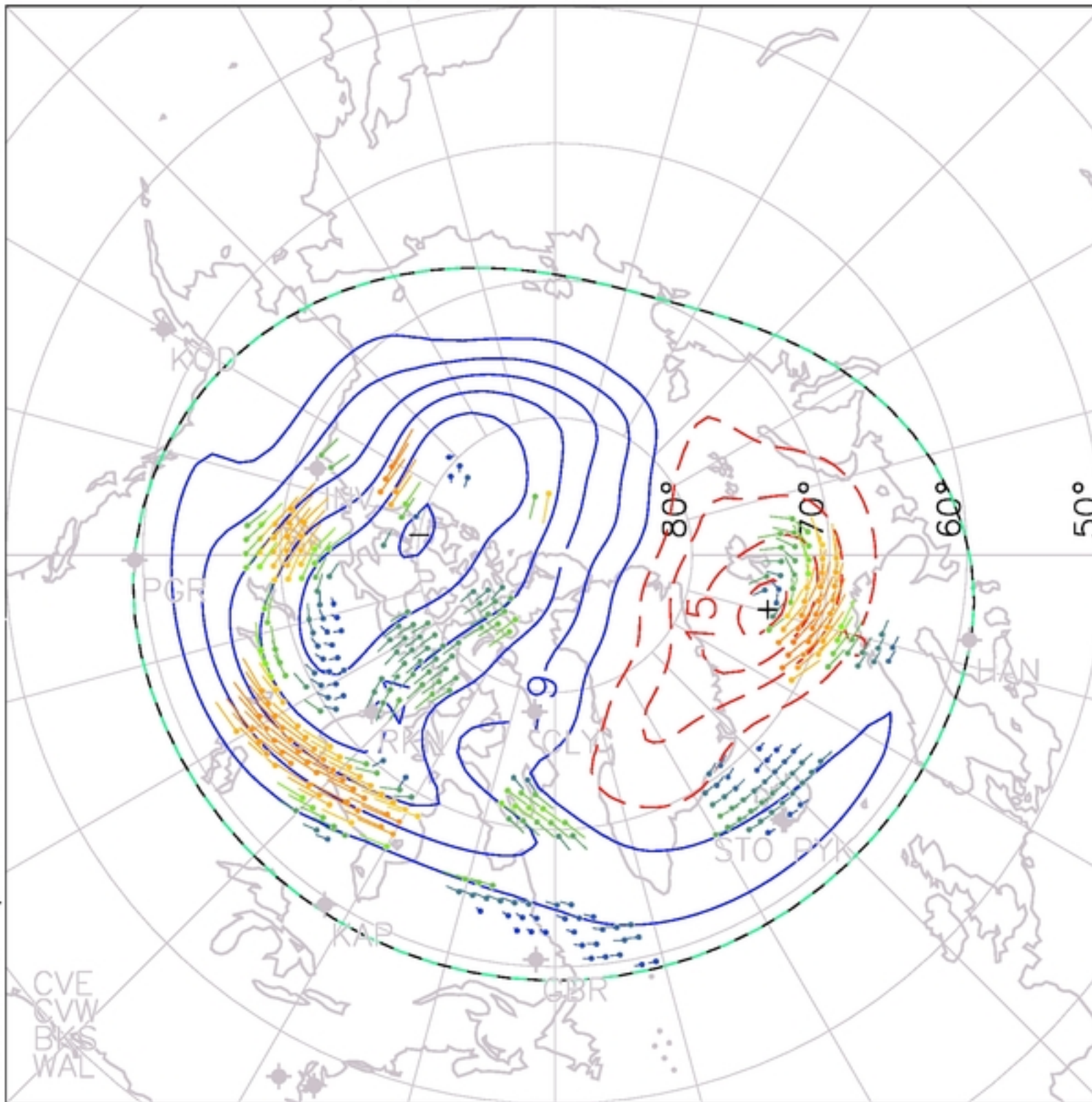
0

1

2

3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12

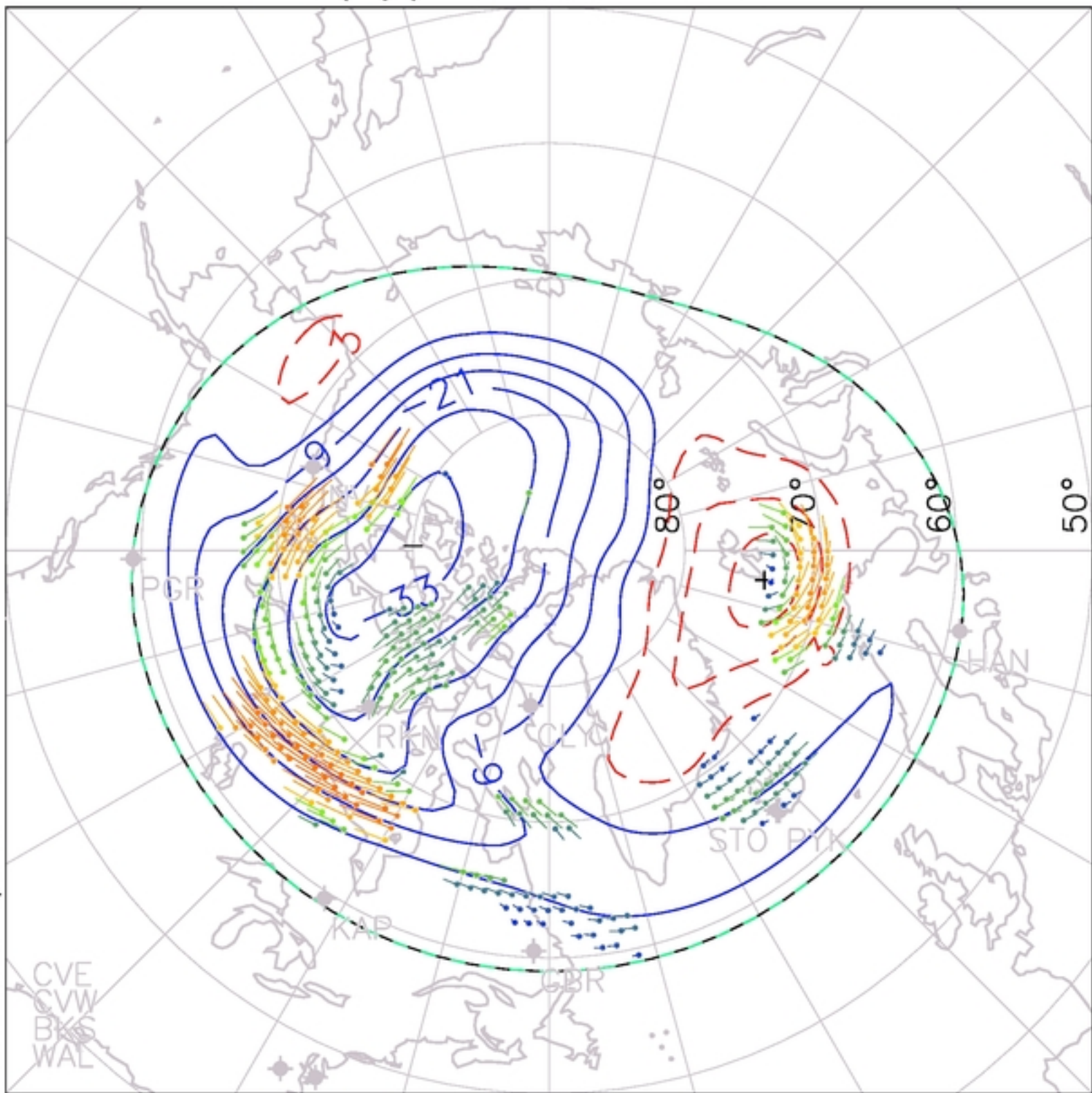
1000
875
750
625
500
375
250
125
0
Velocity [m s⁻¹]
1000 m/s

$\Phi_{pc} = 56$ kV
 $\Lambda_{HM} = 59^\circ$
 $N_{vc} = 364$ pts
 $N_{rods} = 14$

17/Apr/2014 03:02-03:04 UT

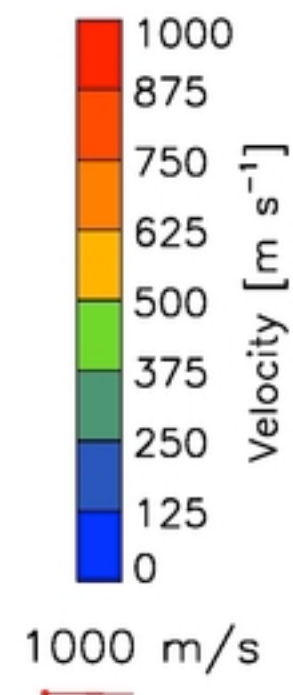
NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12



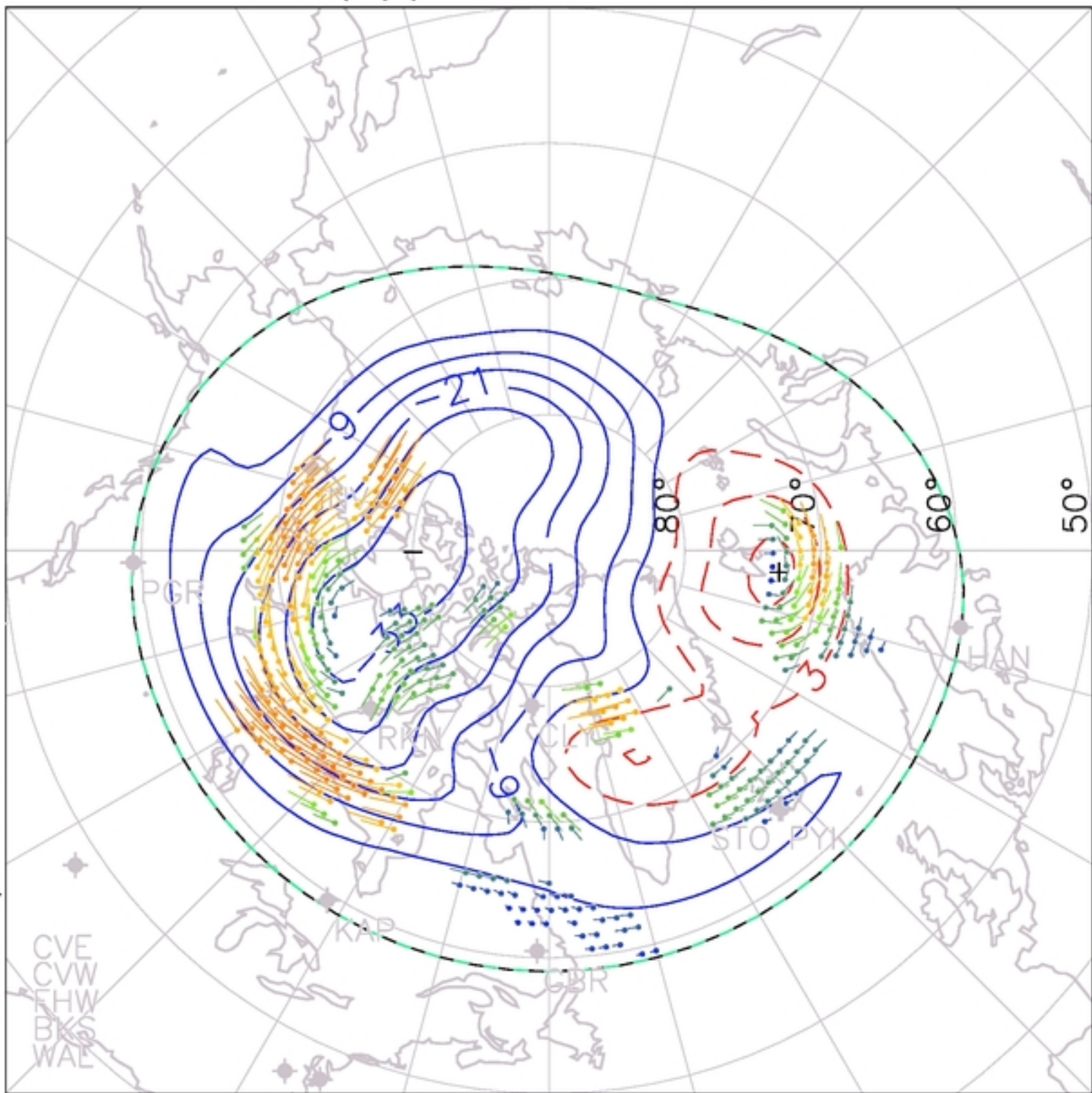
$\Phi_{pc} = 55 \text{ kV}$
 $\Lambda_{HM} = 59^\circ$
 $N_{vc} = 383 \text{ pts}$
 $N_{rods} = 13$

21 22 23 0 1 2 3 Hour (MLT)

17/Apr/2014 03:04-03:06 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

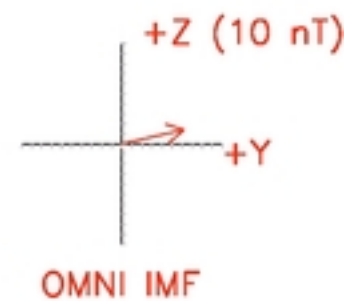
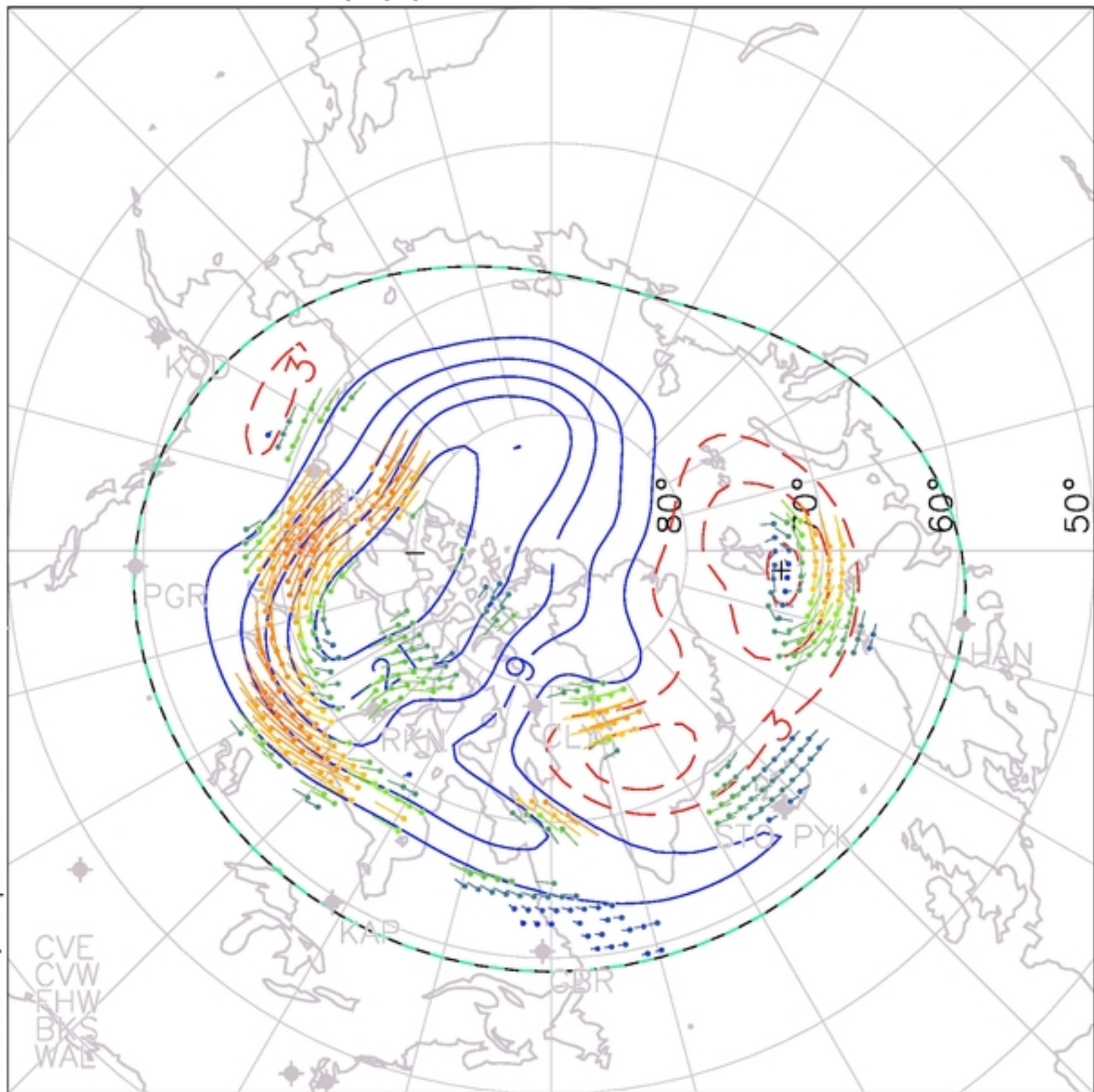


17/Apr/2014 03:06-03:08 UT

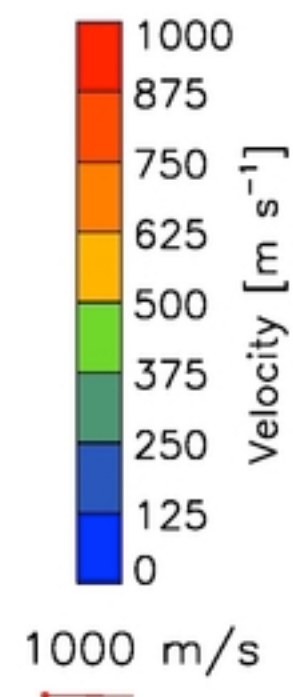
NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.

FitOrder: 8, mapex format

MLT coordinates



Stat Mod: RG96
By+, 6<BT<12



$\Phi_{pc} = 48$ kV
 $\Lambda_{HM} = 59^\circ$
 $N_{vc} = 417$ pts
 $N_{rods} = 15$

21

22

23

0

1

2

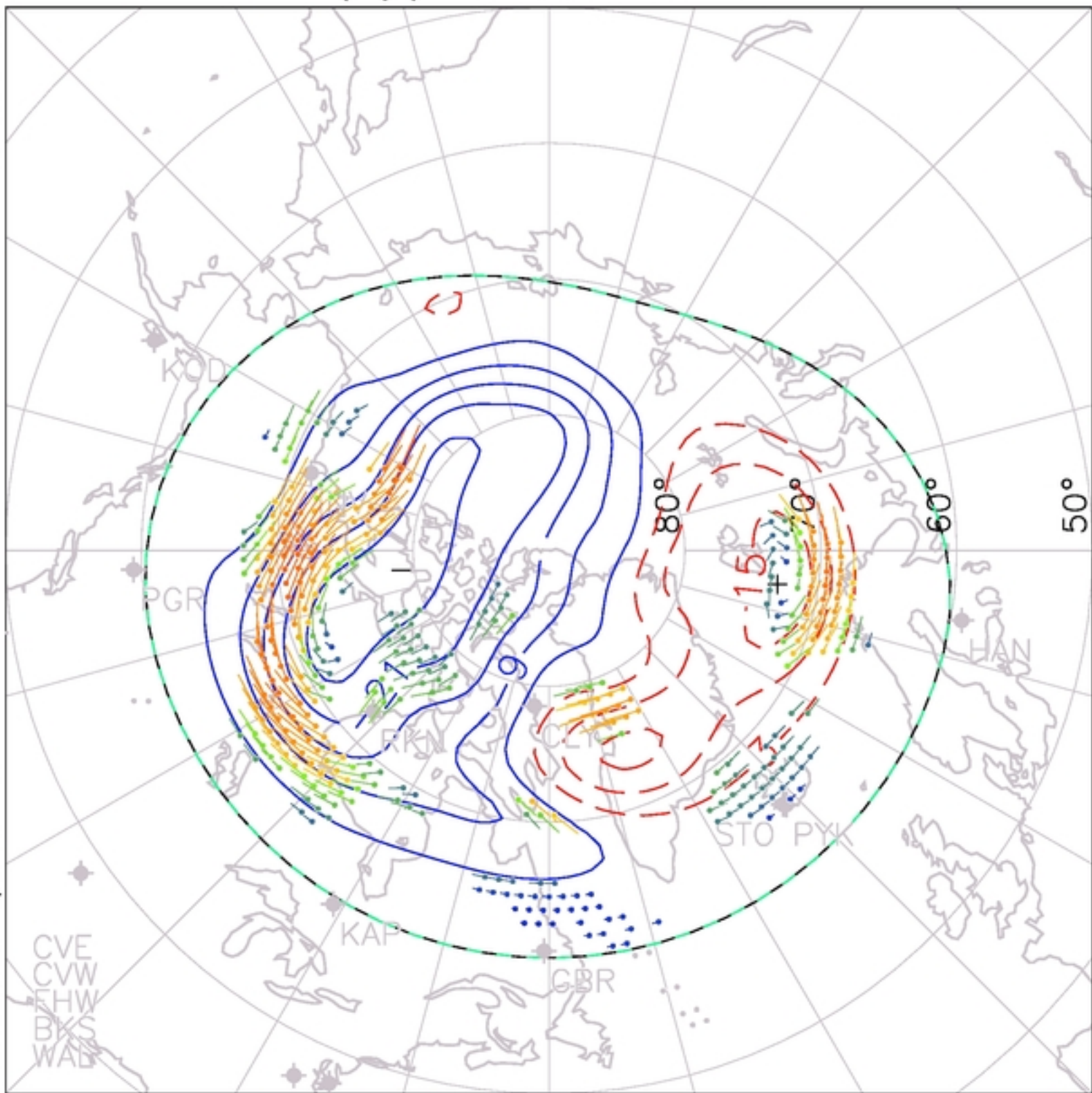
3

Hour (MLT)

17/Apr/2014 03:08–03:10 UT

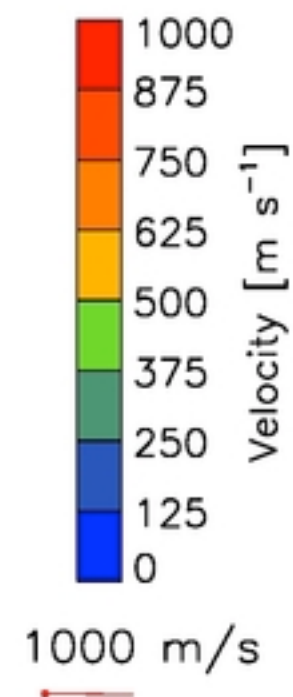
NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12



$\Phi_{pc} = 50$ kV
 $\Lambda_{HM} = 60^\circ$
 $N_{vc} = 415$ pts
 $N_{rods} = 15$

Hour (MLT)

17/Apr/2014 03:10–03:12 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

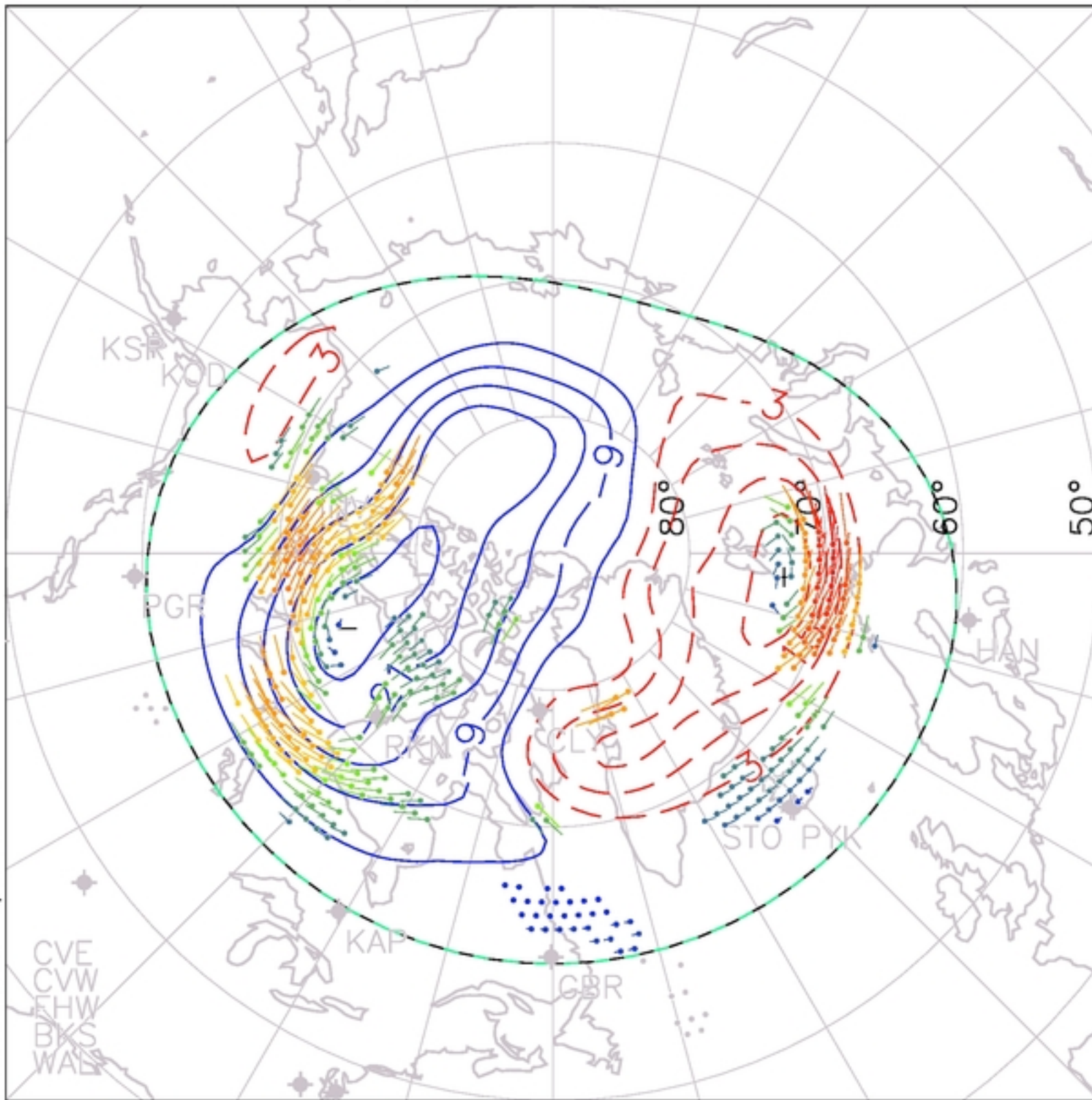
0

1

2

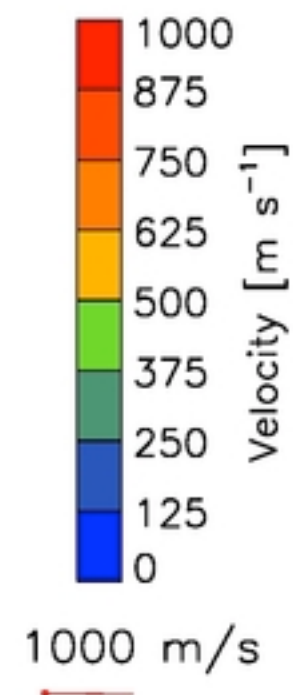
3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12



$\Phi_{pc} = 55$ kV
 $\Lambda_{HM} = 60^\circ$
 $N_{vc} = 403$ pts
 $N_{rods} = 16$

17/Apr/2014 03:12-03:14 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

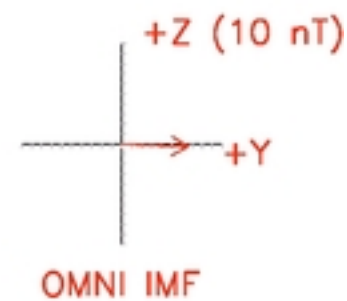
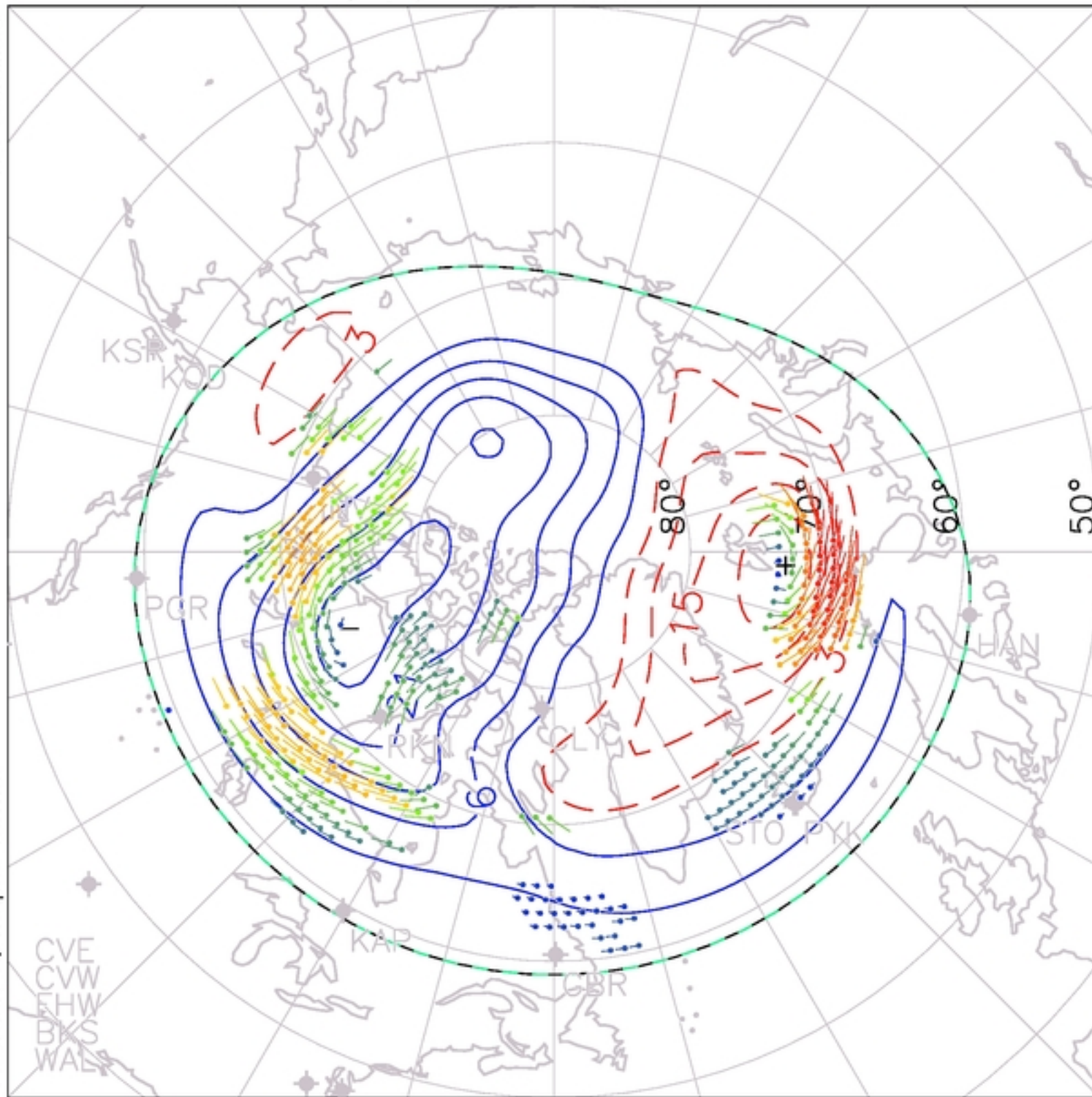
0

1

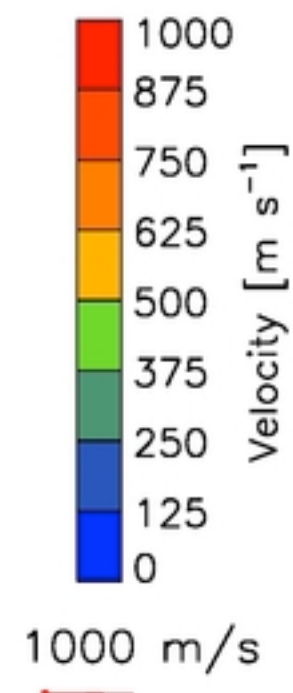
2

3

Hour (MLT)



Stat Mod: RG96
By+, 6<BT<12



$\Phi_{pc} = 56$ kV

$\Lambda_{HM} = 59^\circ$

$N_{vc} = 409$ pts

$N_{rods} = 16$

17/Apr/2014 03:16-03:18 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

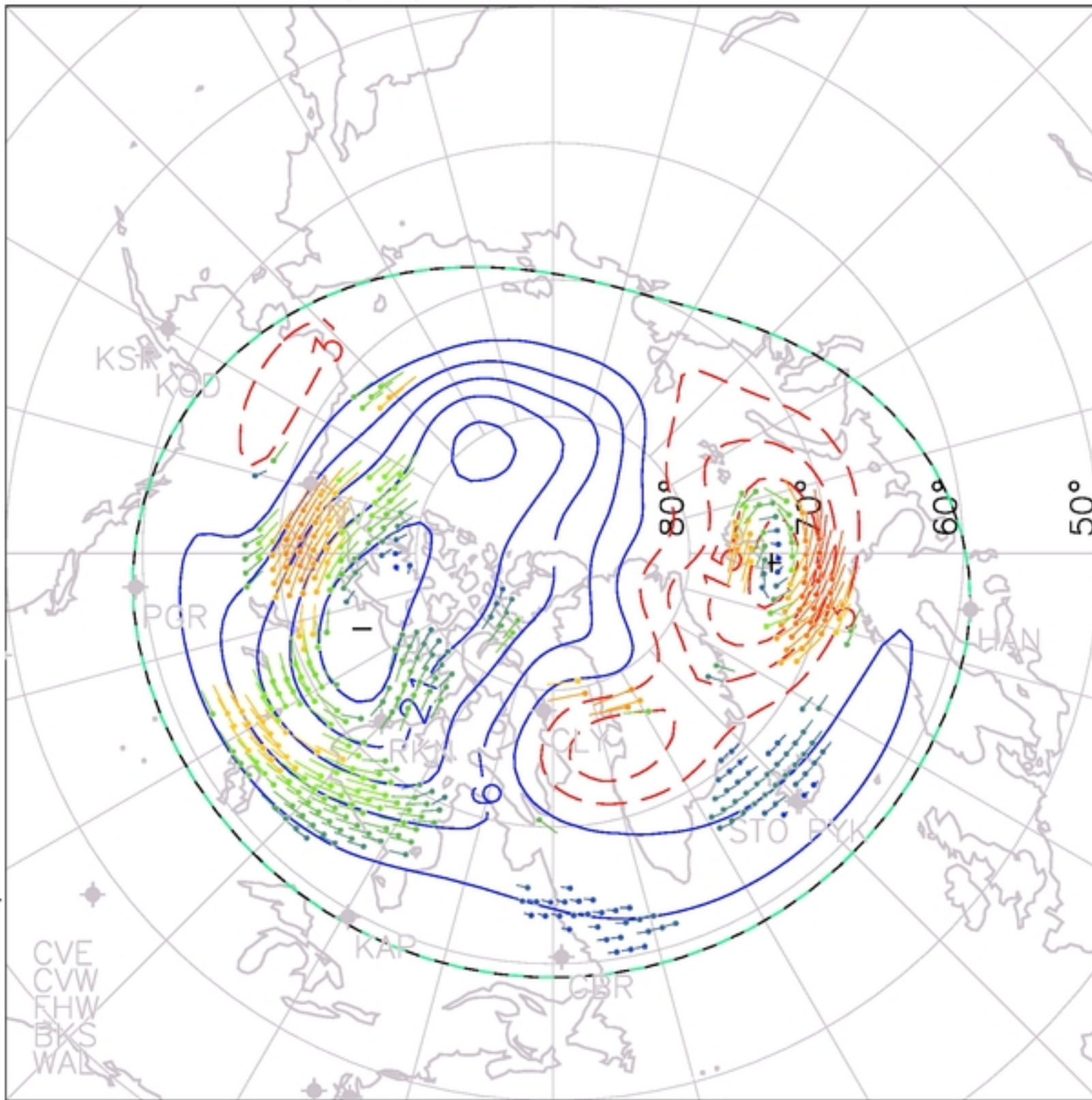
0

1

2

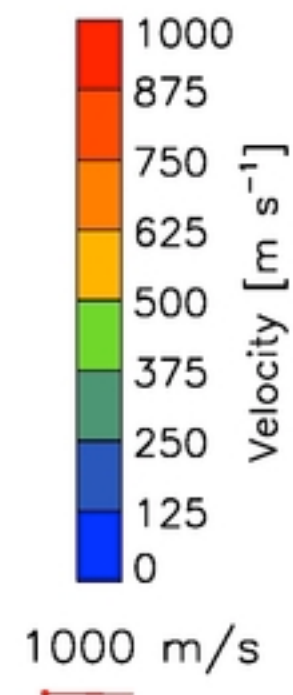
3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12



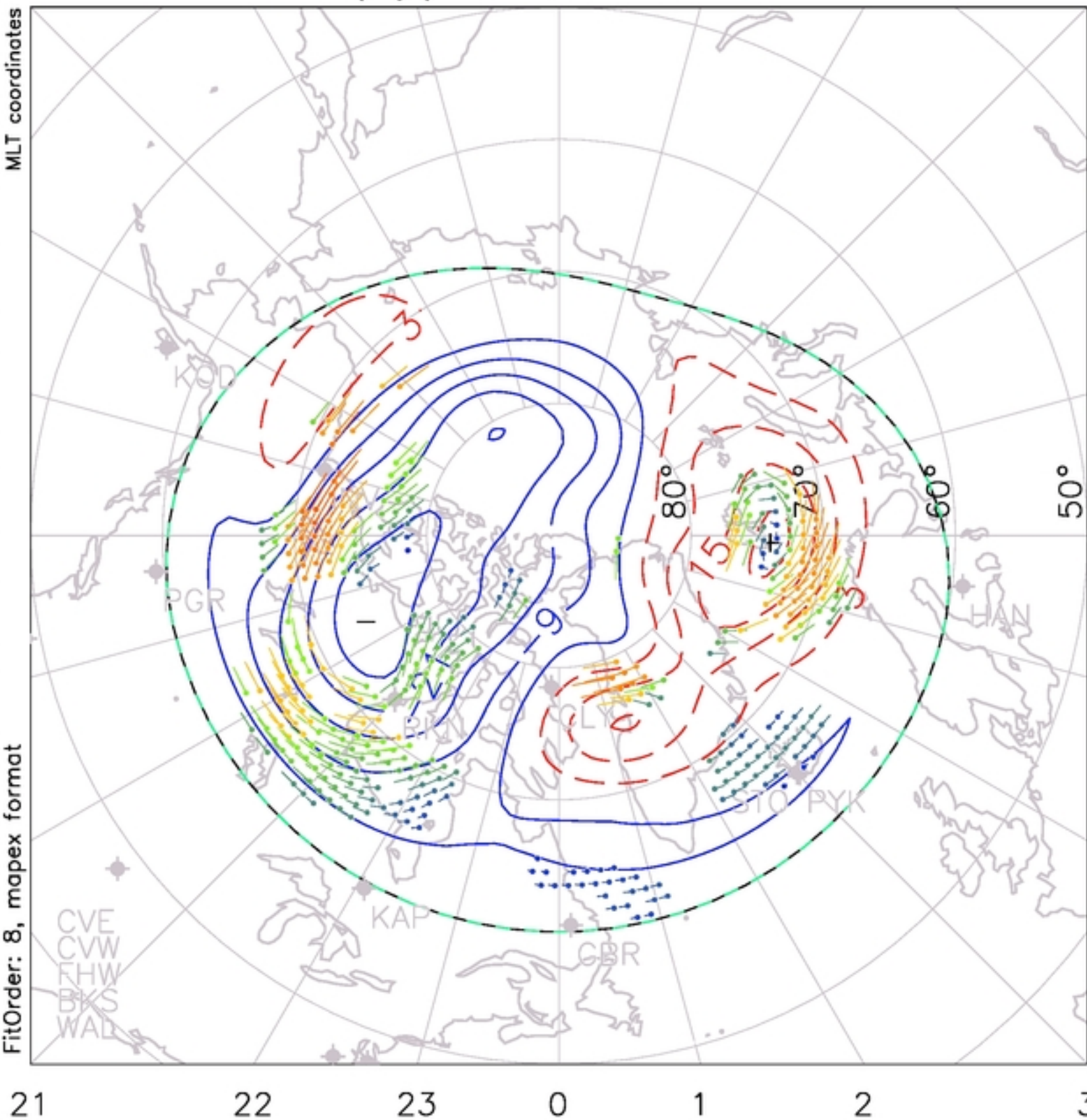
$\Phi_{pc} = 54 \text{ kV}$
 $\Lambda_{HM} = 59^\circ$
 $N_{vc} = 414 \text{ pts}$
 $N_{rods} = 16$

17/Apr/2014 03:18–03:20 UT

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.

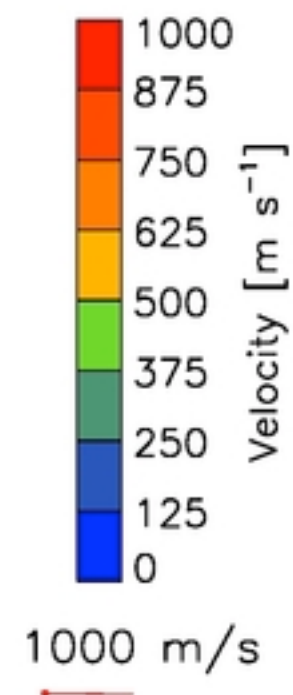
FitOrder: 8, mapex format

MLT coordinates



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12



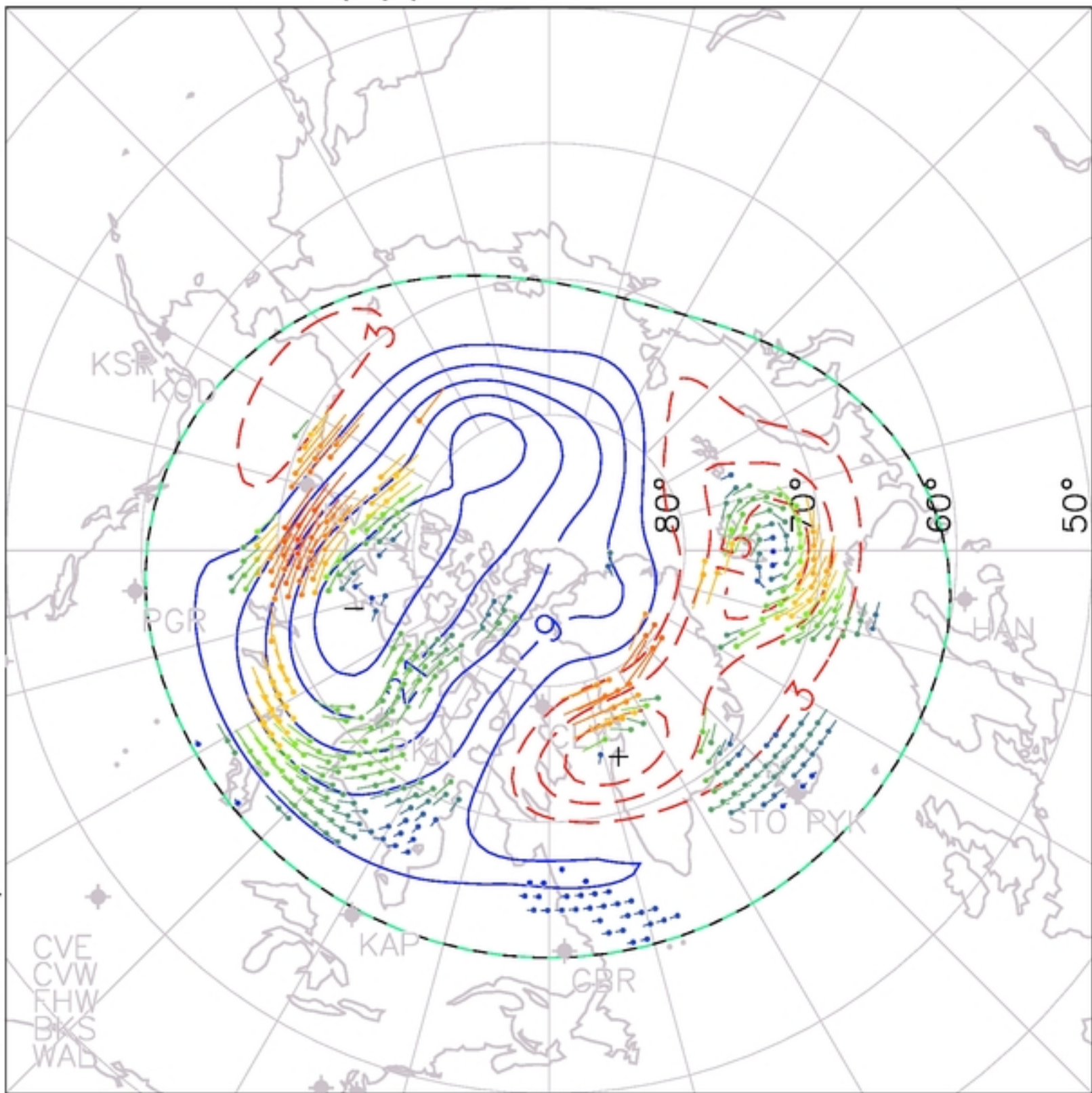
$\Phi_{pc} = 53$ kV
 $\Lambda_{HM} = 60^\circ$
 $N_{vc} = 404$ pts
 $N_{rods} = 15$

Hour (MLT)

17/Apr/2014 03:20-03:22 UT

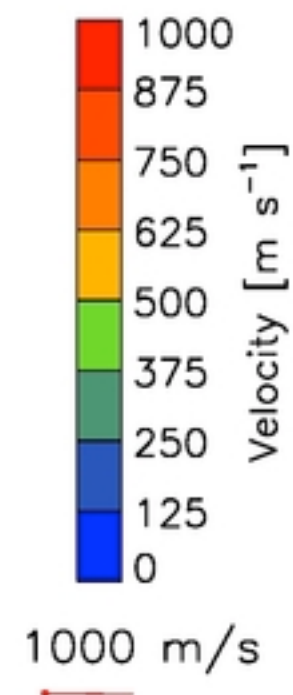
NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By+, 6<BT<12



$\Phi_{pc} = 51$ kV
 $\Lambda_{HM} = 60^\circ$
 $N_{vc} = 424$ pts
 $N_{rads} = 16$

Hour (MLT)

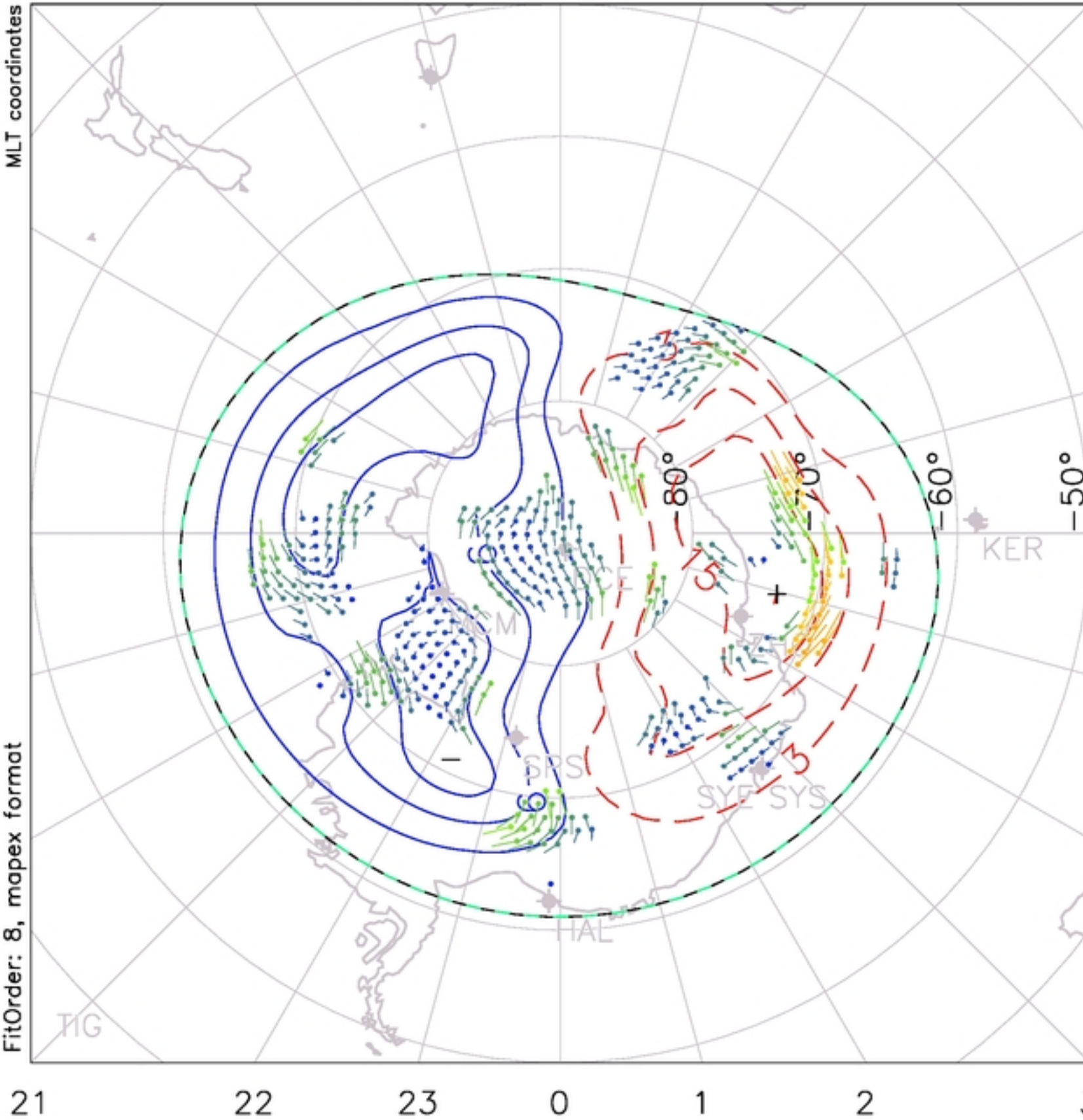
17/Apr/2014 02:38-02:40 UT

Thru-Earth View

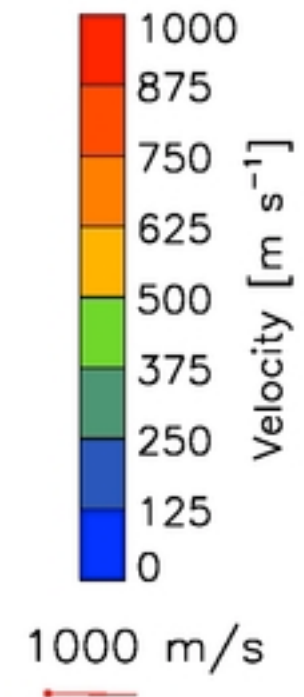
NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.

FitOrder: 8, mapex format

MLT coordinates



Stat Mod: RG96
Bz-/By-, 4<BT<6



$\Phi_{pc} = 39$ kV
 $\Lambda_{HM} = -61^\circ$
 $N_{vc} = 421$ pts
 $N_{rods} = 9$

17/Apr/2014 02:48-02:50 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

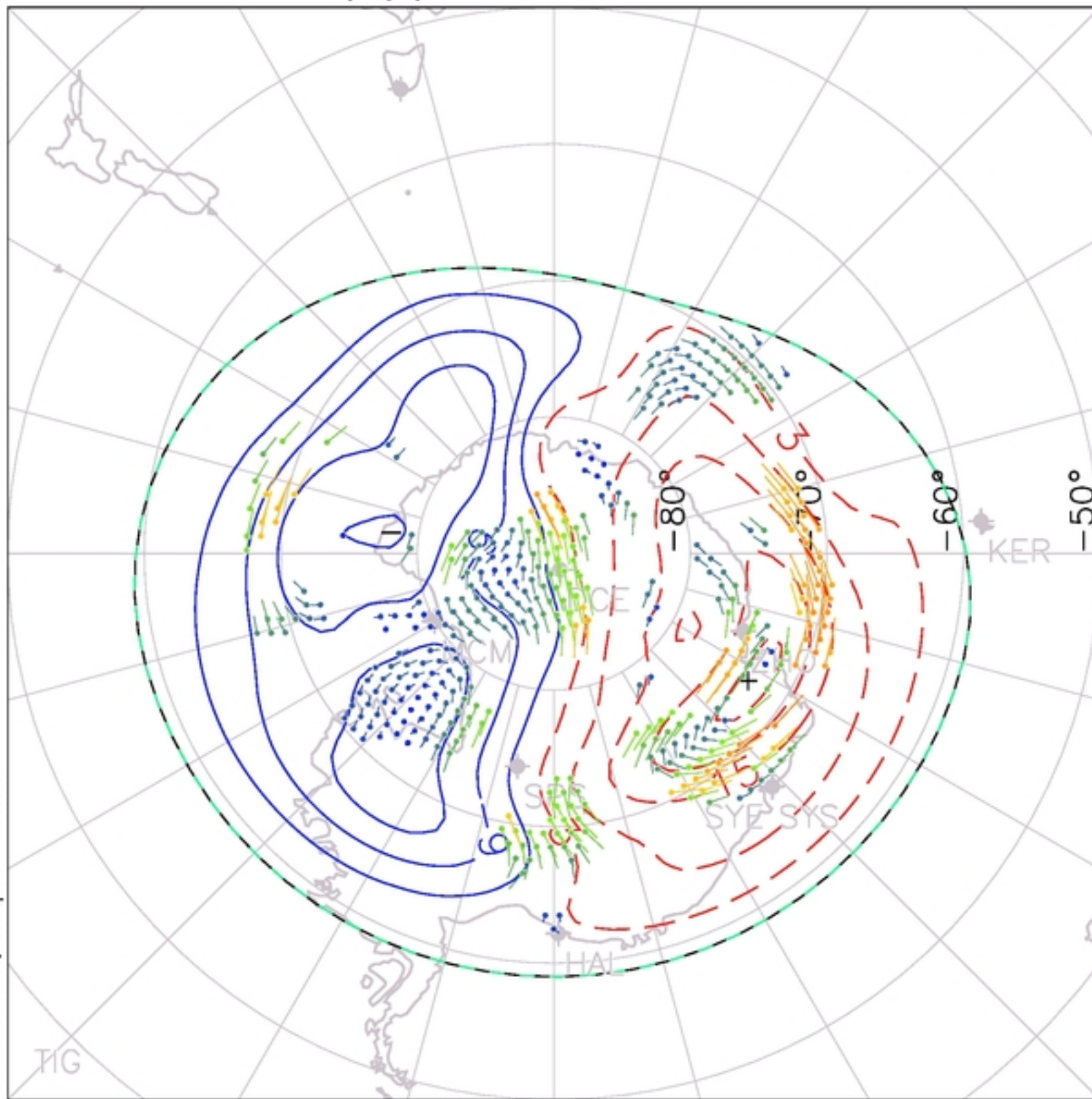
0

1

2

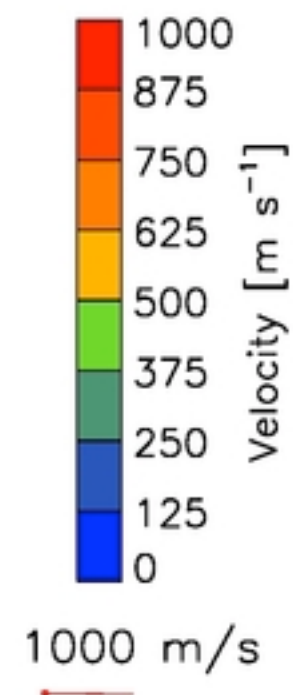
3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
Bz-/By-, 6<BT<12



$\Phi_{pc} = 49$ kV

$\Lambda_{HM} = -59^\circ$

$N_{vc} = 414$ pts

$N_{rods} = 9$

17/Apr/2014 02:50-02:52 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

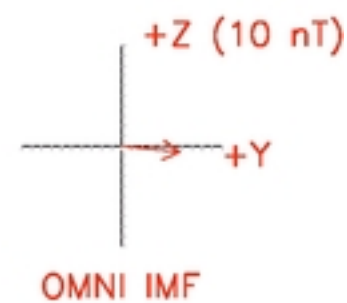
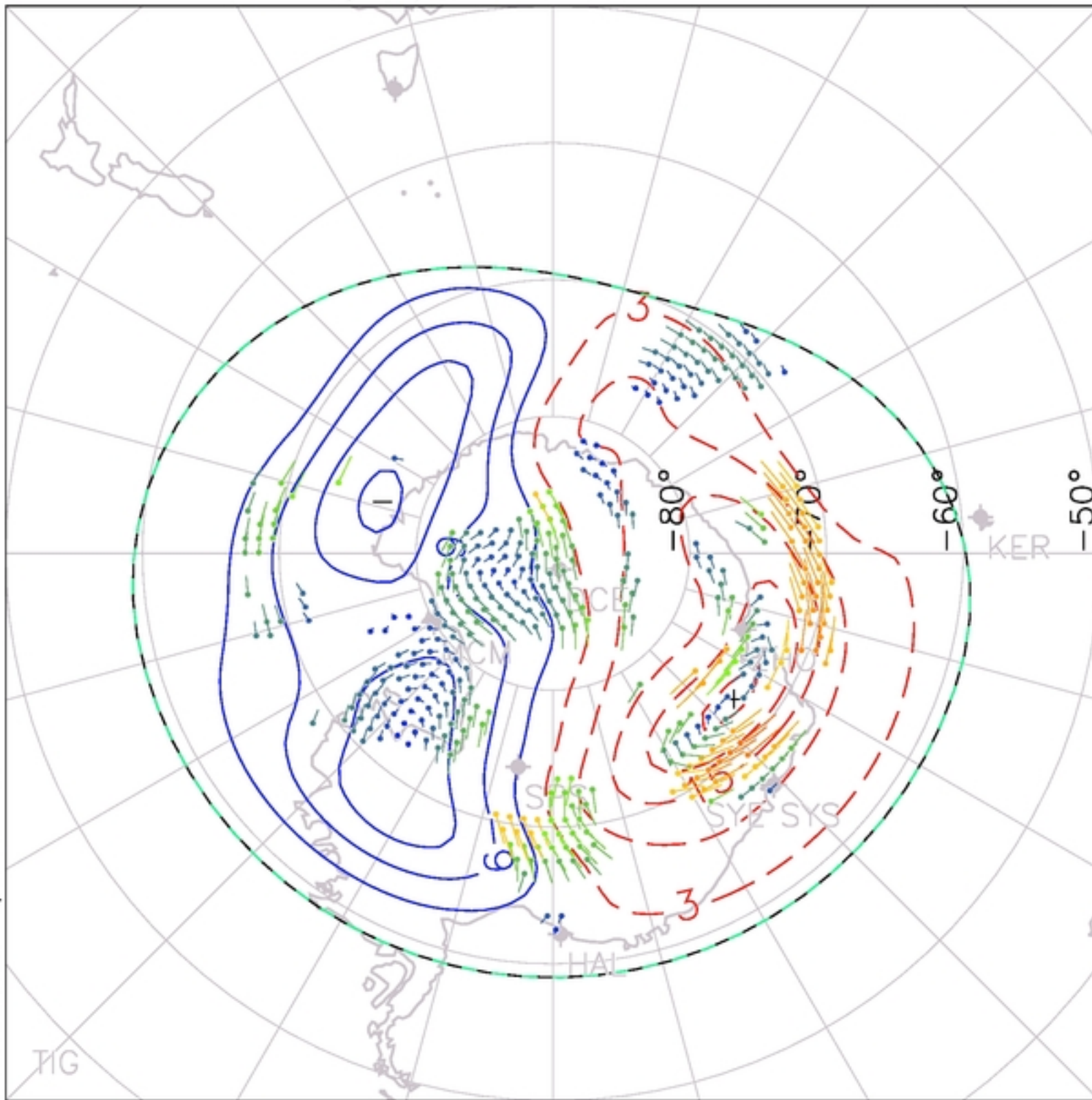
0

1

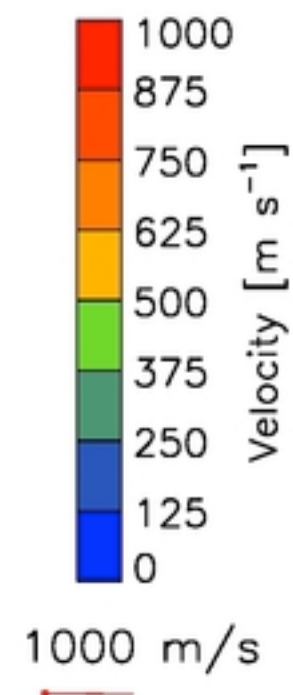
2

3

Hour (MLT)



Stat Mod: RG96
By-, 4<BT<6



$\Phi_{pc} = 50$ kV

$\Lambda_{HM} = -59^\circ$

$N_{vc} = 420$ pts

$N_{rods} = 9$

17/Apr/2014 02:54-02:56 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

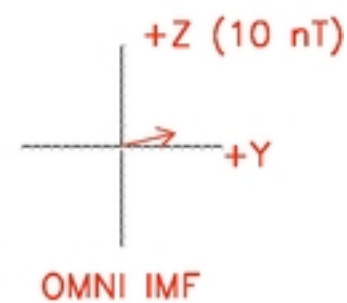
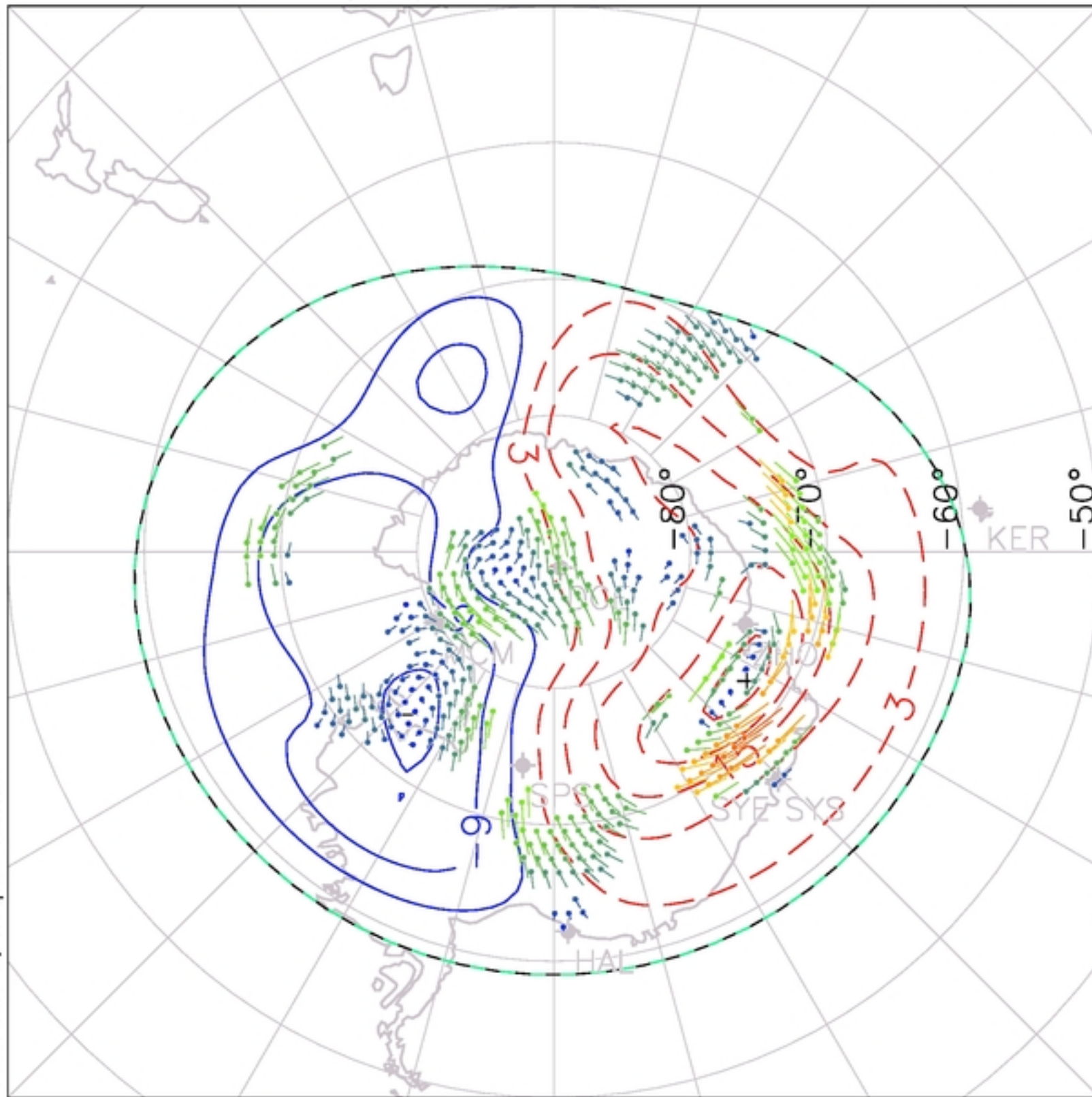
0

1

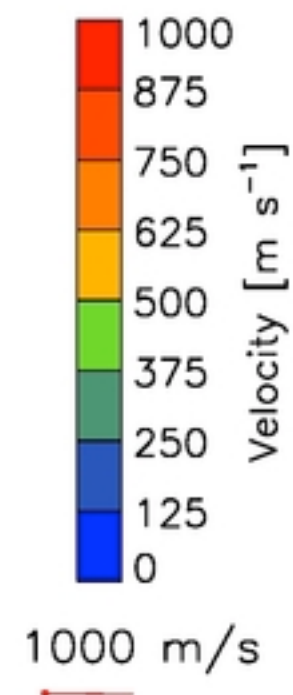
2

3

Hour (MLT)



Stat Mod: RG96
By-, 4<BT<6



$\Phi_{pc} = 44$ kV

$\Lambda_{HM} = -59^\circ$

$N_{vc} = 454$ pts

$N_{rods} = 8$

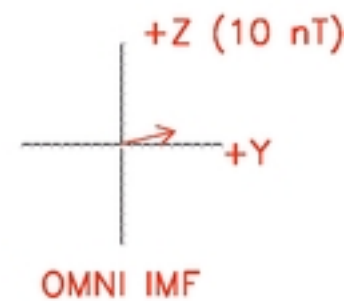
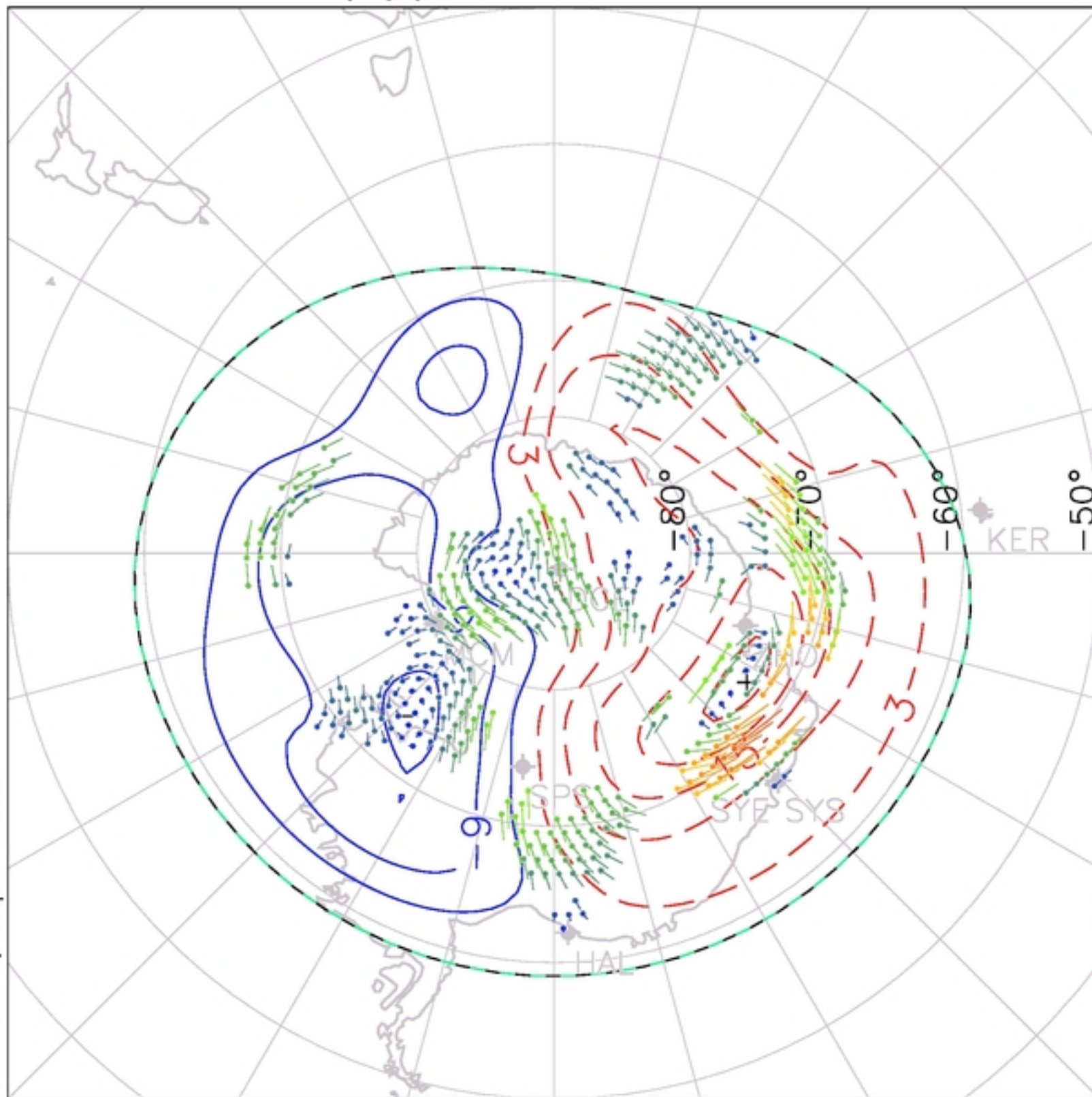
17/Apr/2014 02:54-02:56 UT

Thru-Earth View

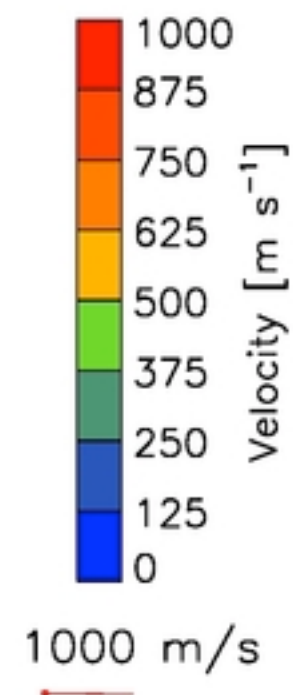
NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.

FitOrder: 8, mapex format

MLT coordinates



Stat Mod: RG96
By-, 4<BT<6



$\Phi_{pc} = 44$ kV

$\Lambda_{HM} = -59^\circ$

$N_{vc} = 454$ pts

$N_{rods} = 8$

21

22

23

0

1

2

3

Hour (MLT)

17/Apr/2014 02:56-02:58 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

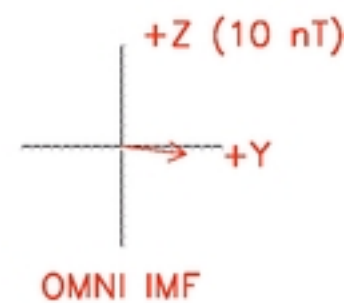
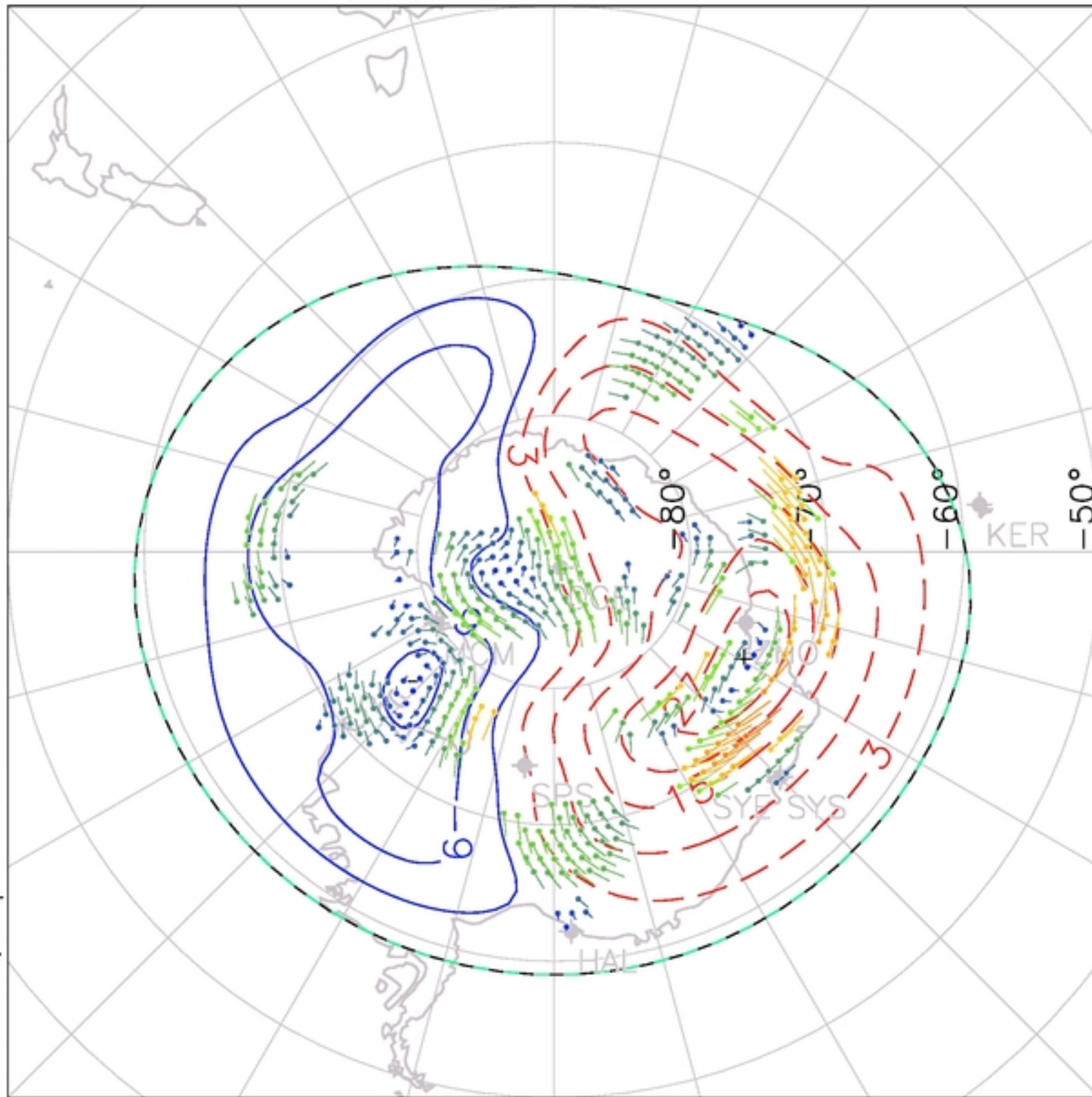
0

1

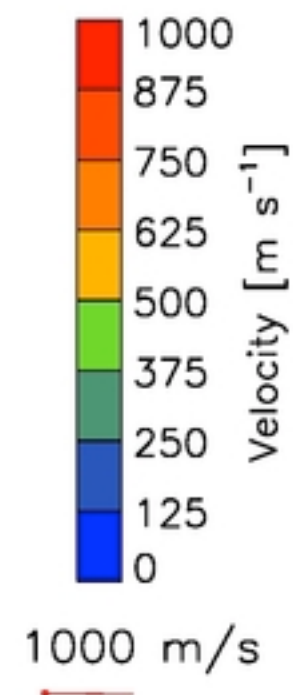
2

3

Hour (MLT)



Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 47$ kV

$\Lambda_{HM} = -59^\circ$

$N_{vc} = 460$ pts

$N_{rods} = 8$

17/Apr/2014 02:58-03:00 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

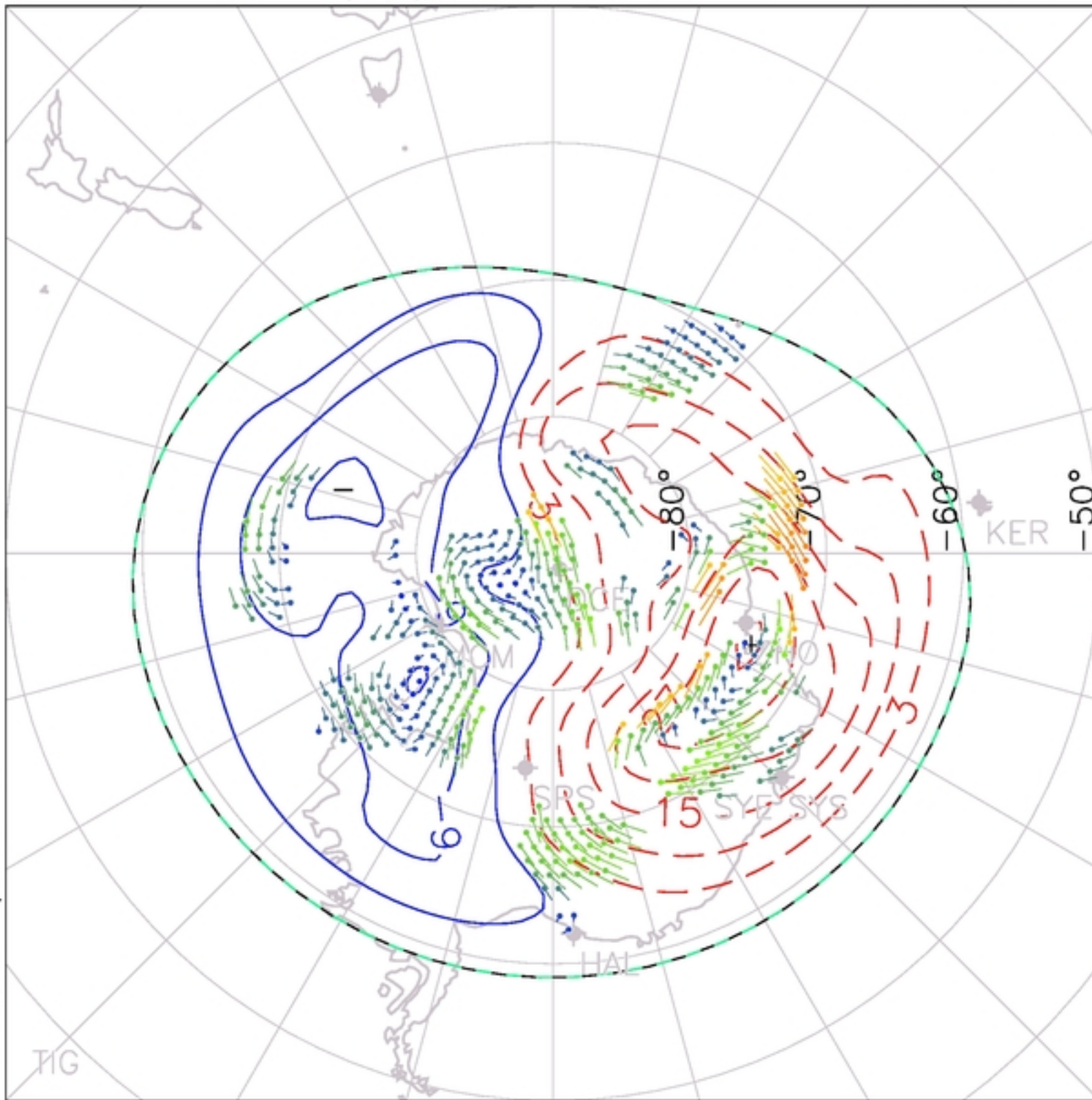
0

1

2

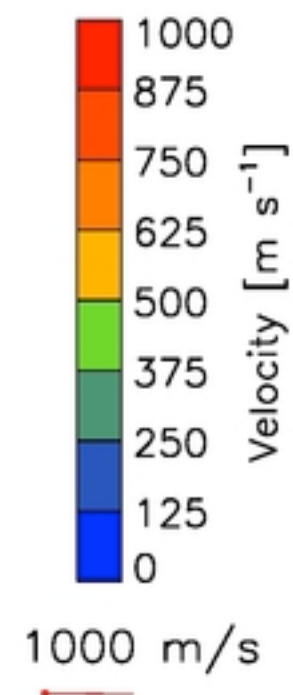
3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 49$ kV

$\Lambda_{HM} = -59^\circ$

$N_{vc} = 454$ pts

$N_{rods} = 9$

17/Apr/2014 03:00-03:02 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

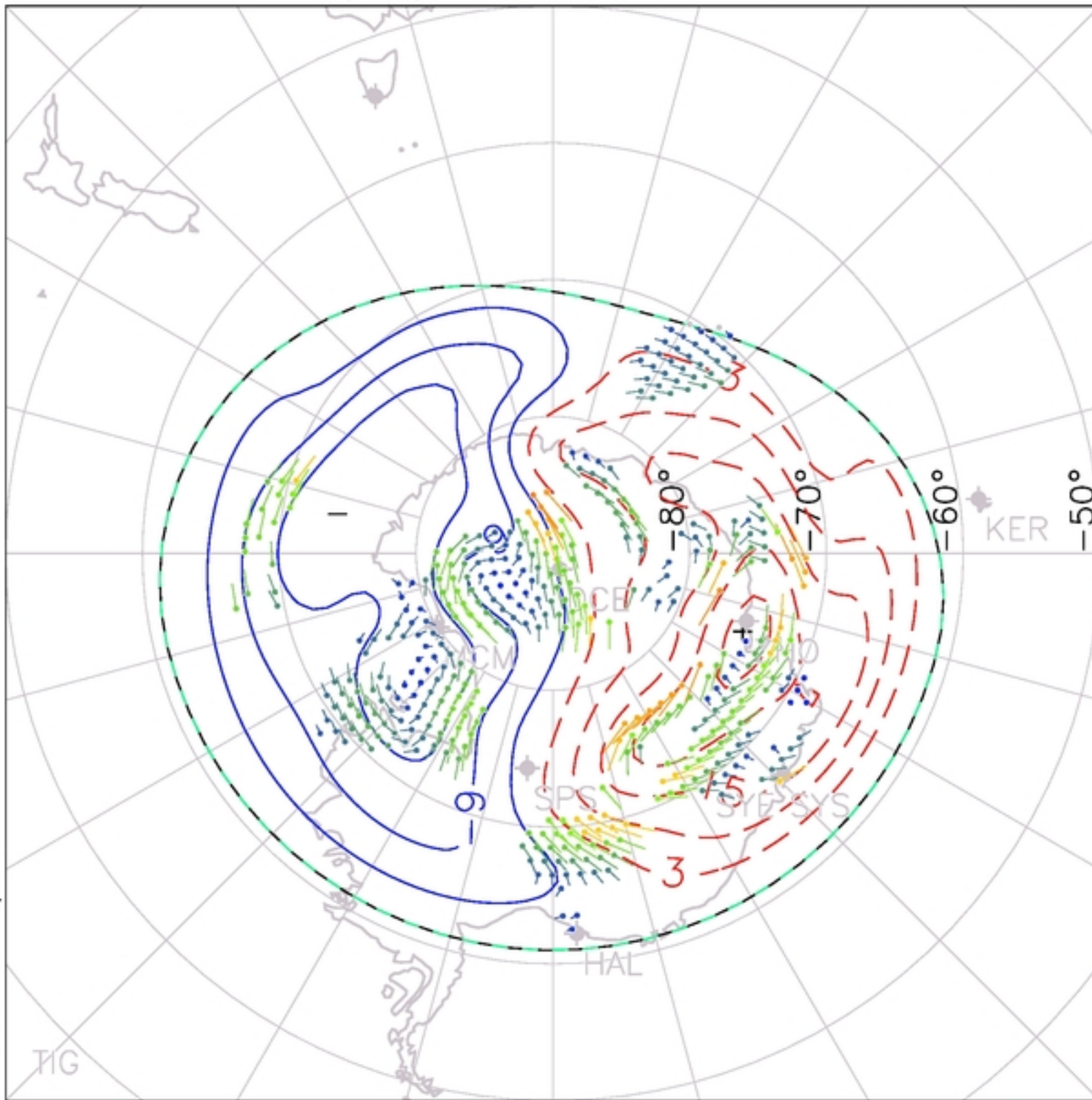
0

1

2

3

Hour (MLT)



17/Apr/2014 03:02-03:04 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

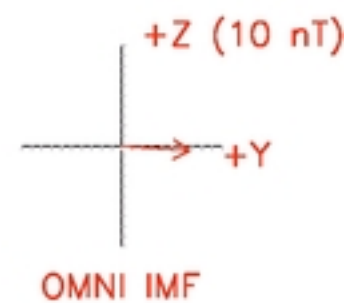
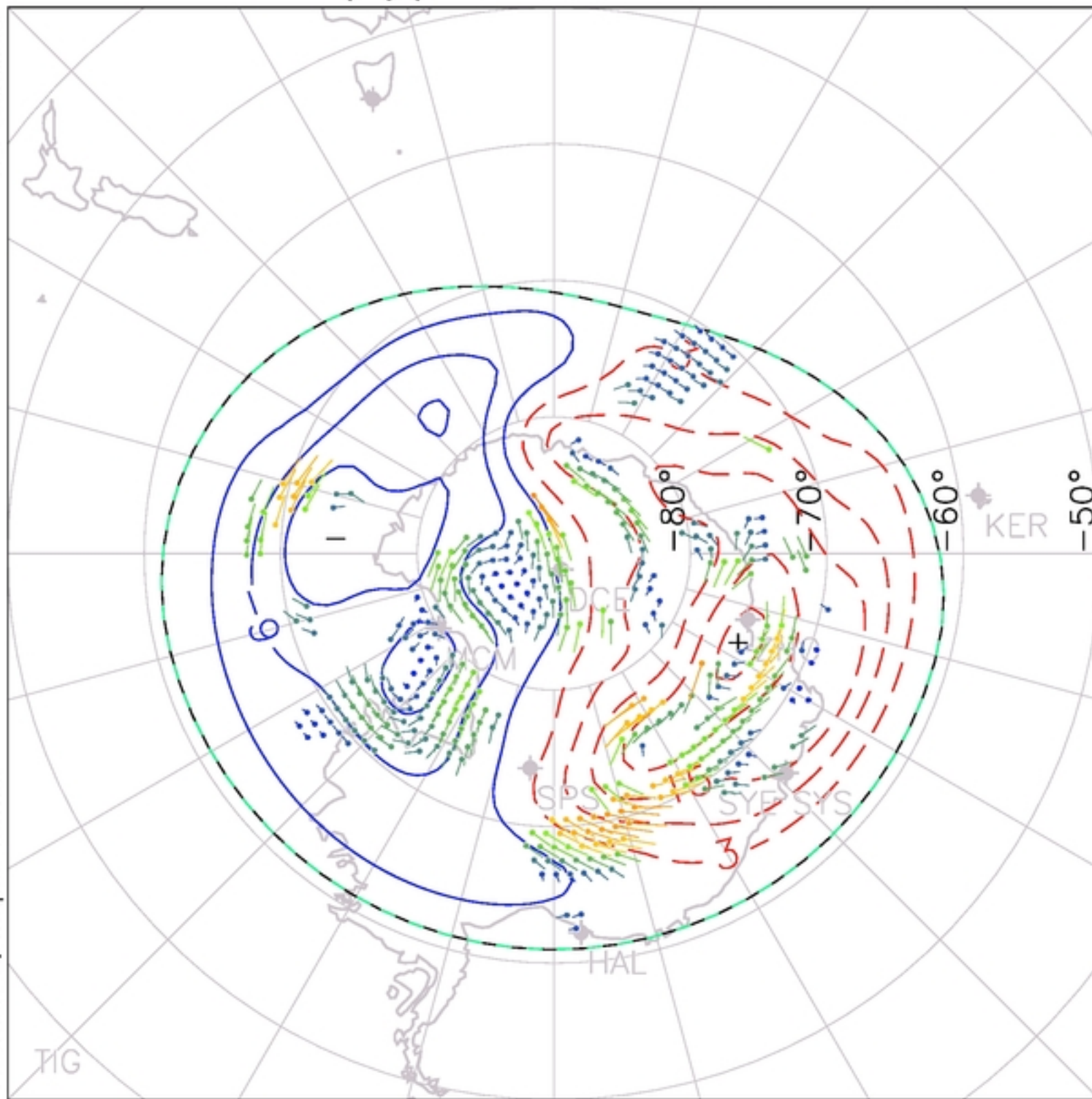
0

1

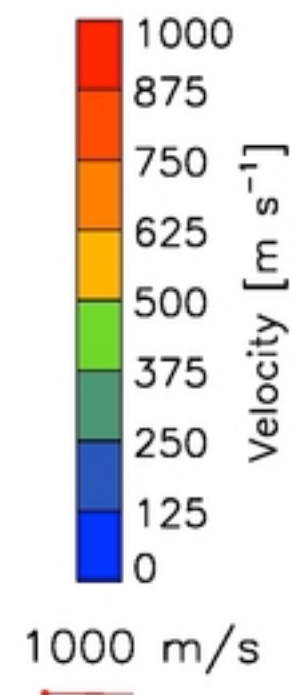
2

3

Hour (MLT)



Stat Mod: RG96
By-, 6 < BT < 12



$\Phi_{pc} = 49$ kV

$\Lambda_{HM} = -61^\circ$

$N_{vc} = 433$ pts

$N_{rods} = 9$

17/Apr/2014 03:04-03:06 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

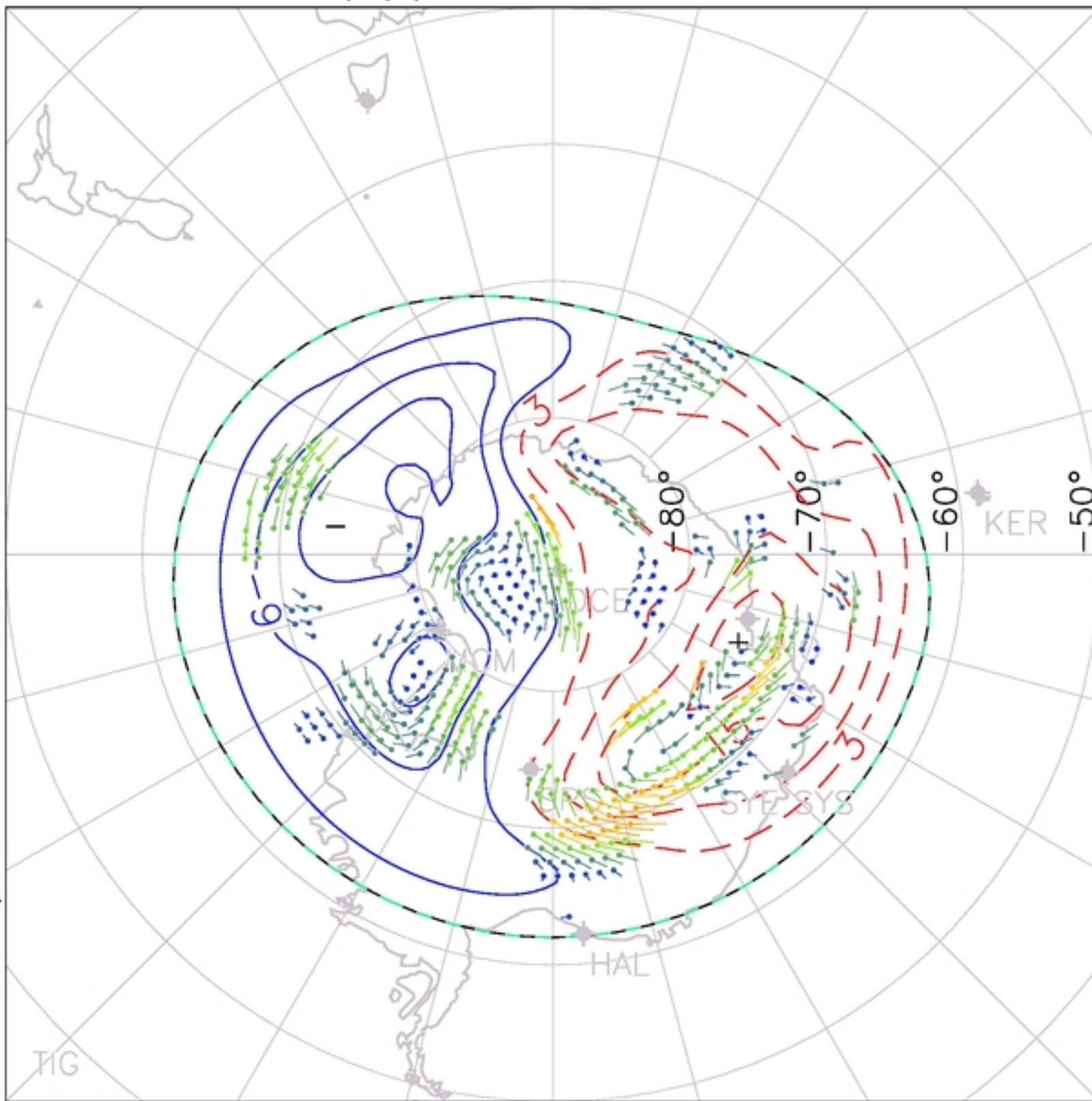
0

1

2

3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By-, 6 < BT < 12

1000
875
750
625
500
375
250
125
0
Velocity [m s⁻¹]
1000 m/s

$\Phi_{pc} = 44$ kV

$\Lambda_{HM} = -62^\circ$

$N_{vc} = 450$ pts

$N_{rods} = 9$

17/Apr/2014 03:06-03:08 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

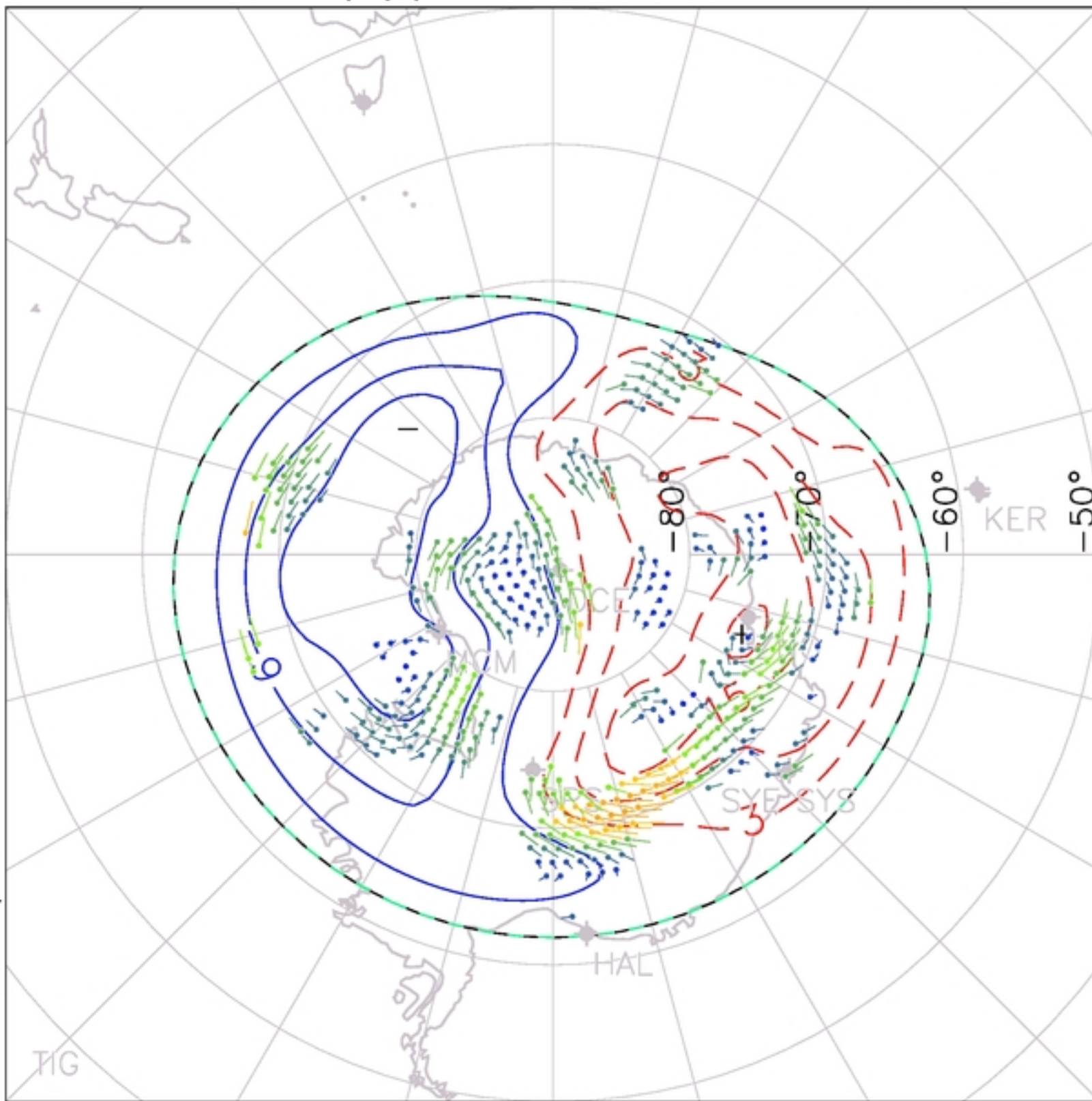
0

1

2

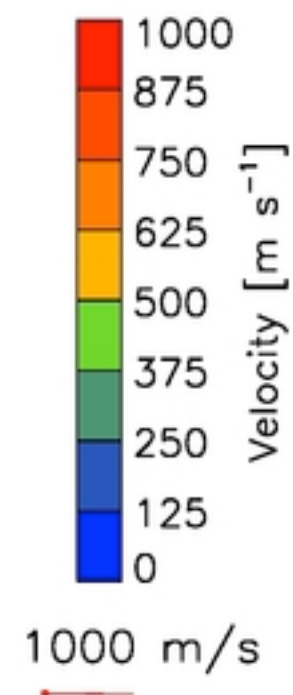
3

Hour (MLT)



+Z (10 nT)
+Y
OMNI IMF

Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 40$ kV

$\Lambda_{HM} = -62^\circ$

$N_{vc} = 441$ pts

$N_{rods} = 9$

17/Apr/2014 03:08-03:10 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

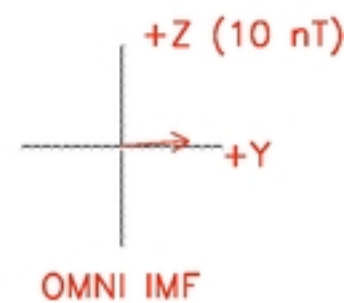
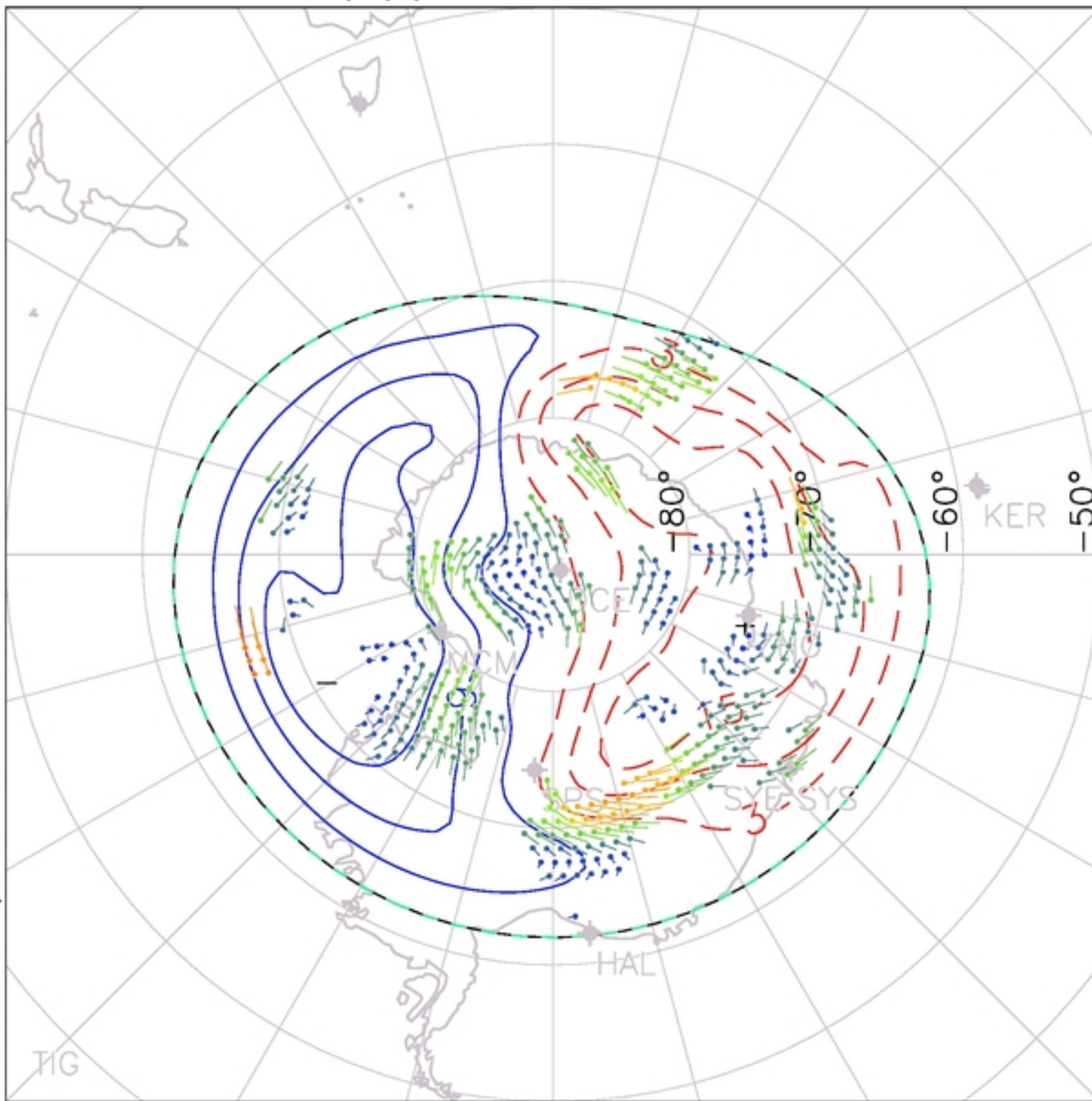
0

1

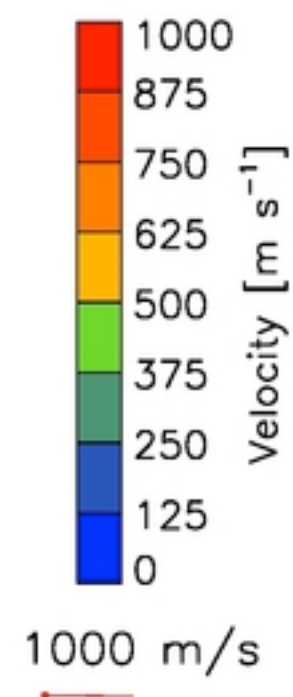
2

3

Hour (MLT)



Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 40$ kV

$\Lambda_{HM} = -62^\circ$

$N_{vc} = 430$ pts

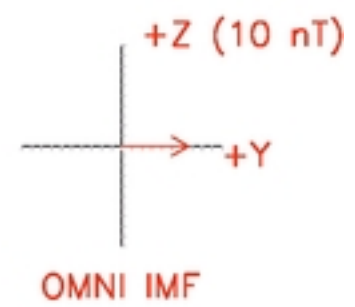
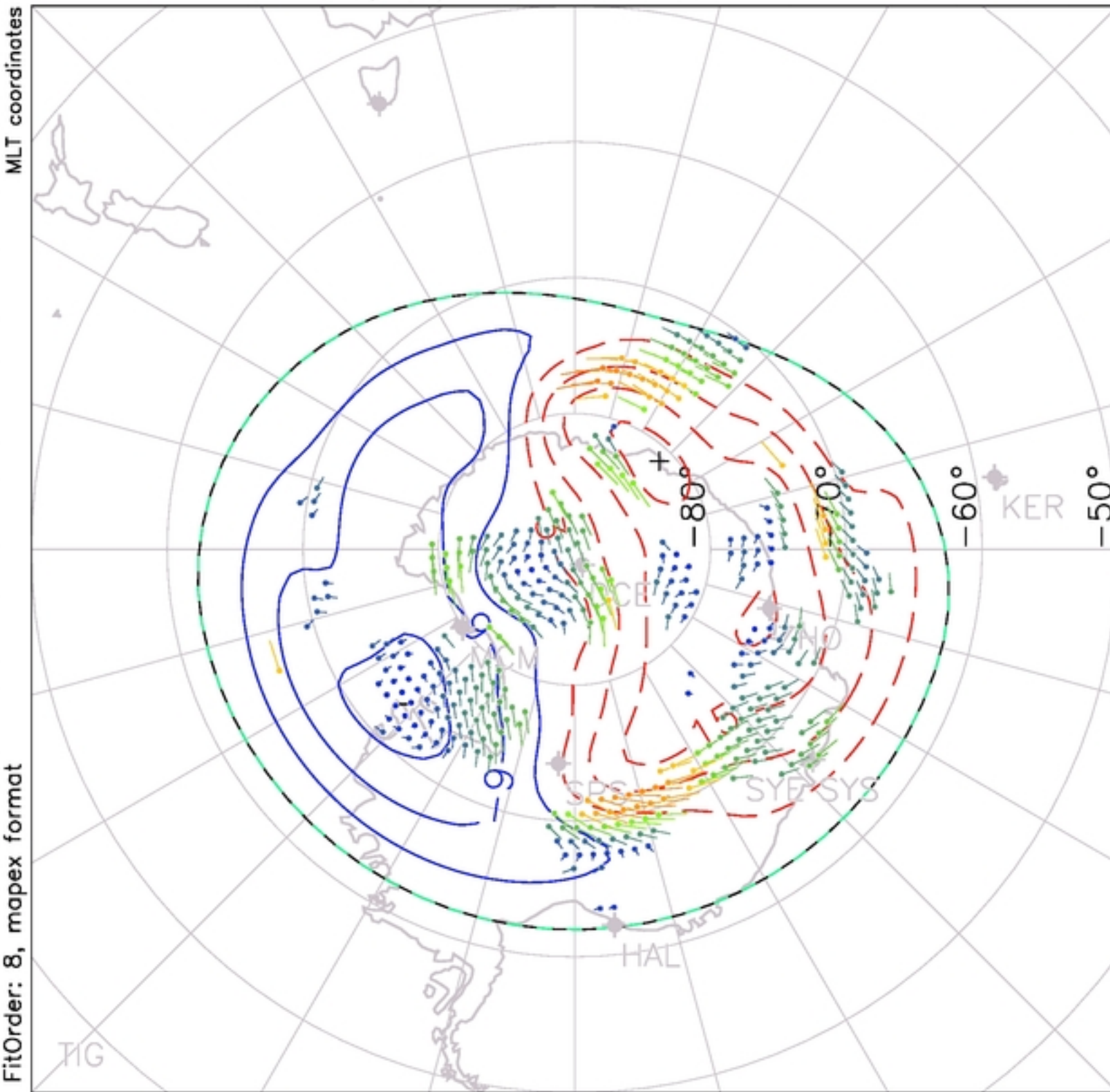
$N_{rods} = 9$

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
 FitOrder: 8, mapex format

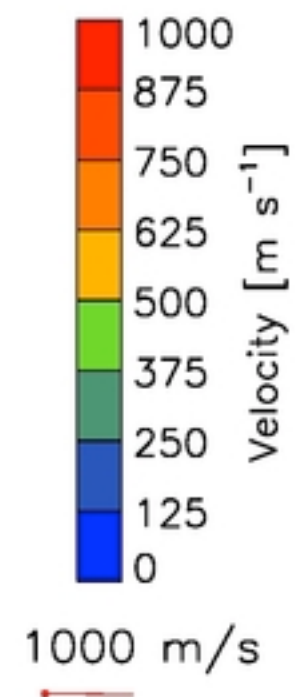
MLT coordinates

17/Apr/2014 03:10-03:12 UT

Thru-Earth View



Stat Mod: RG96
 By-, 6<BT<12



$\Phi_{pc} = 40$ kV
 $\Lambda_{HM} = -62^\circ$
 $N_{vc} = 412$ pts
 $N_{rods} = 9$

21 22 23 0 1 2 3 Hour (MLT)

17/Apr/2014 03:12-03:14 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

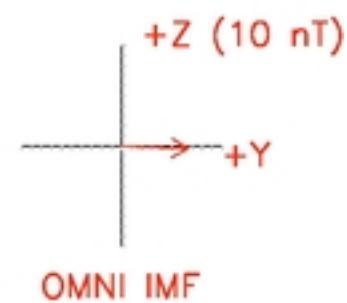
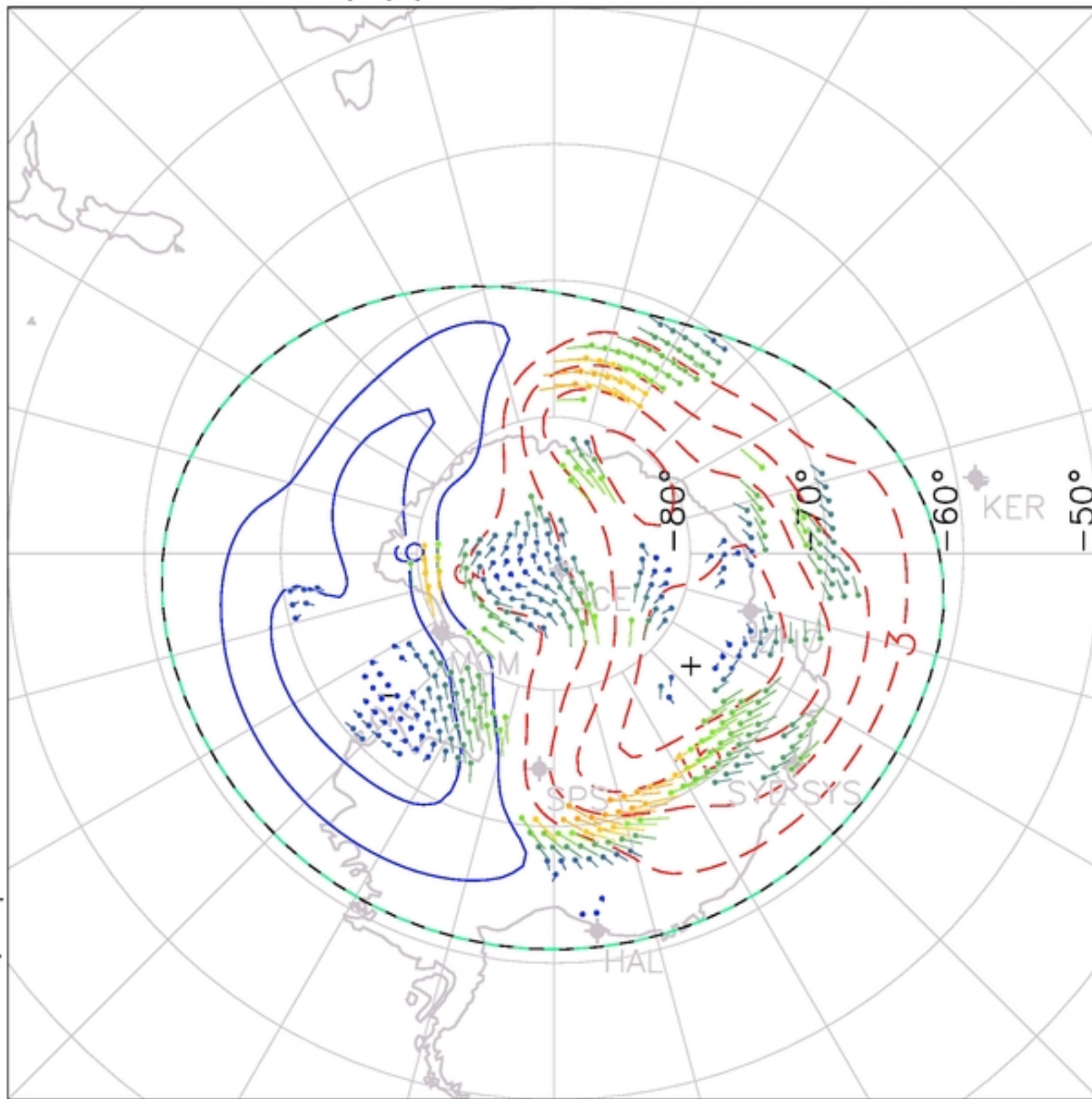
0

1

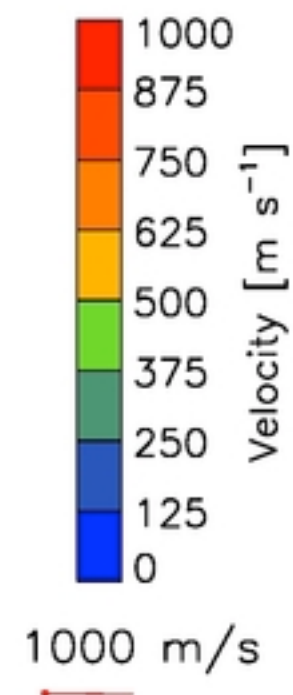
2

3

Hour (MLT)



Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 39$ kV

$\Lambda_{HM} = -61^\circ$

$N_{vc} = 394$ pts

$N_{rods} = 8$

17/Apr/2014 03:16-03:18 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

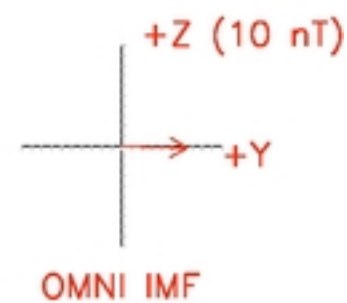
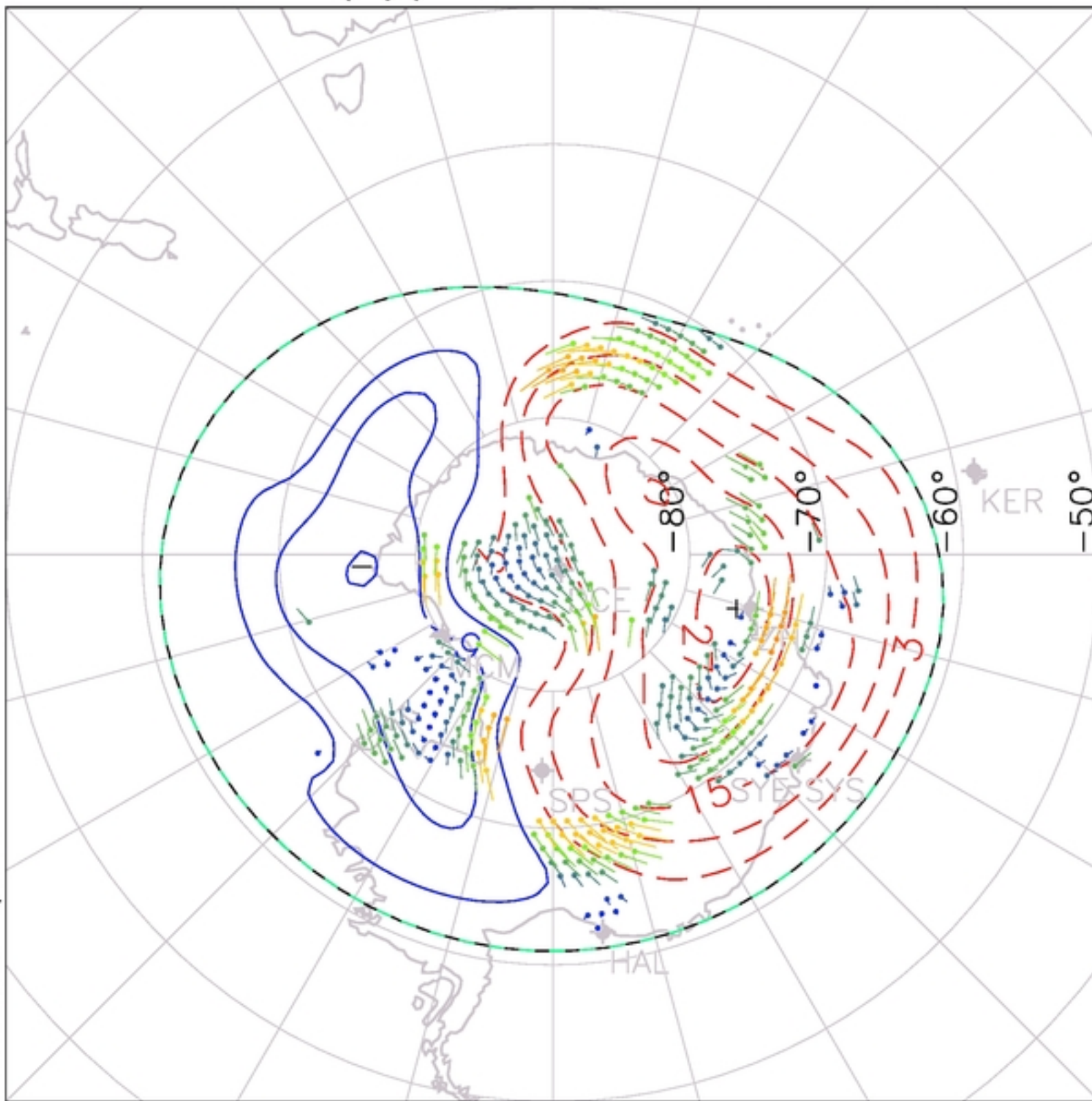
0

1

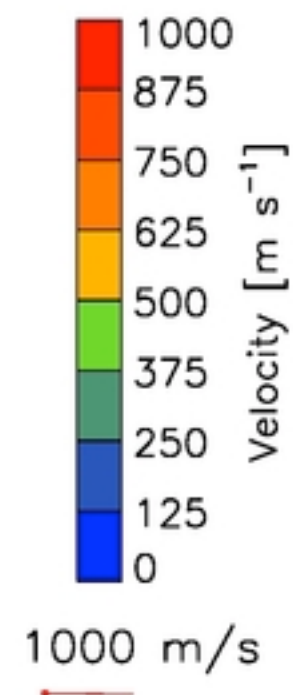
2

3

Hour (MLT)



Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 46$ kV

$\Lambda_{HM} = -61^\circ$

$N_{vc} = 389$ pts

$N_{rods} = 8$

17/Apr/2014 03:18-03:20 UT

Thru-Earth View

NOTE: FOR PREVIEW PURPOSES ONLY. PLEASE CONTACT VT-SD STAFF FOR VERIFICATION.
FitOrder: 8, mapex format

MLT coordinates

21

22

23

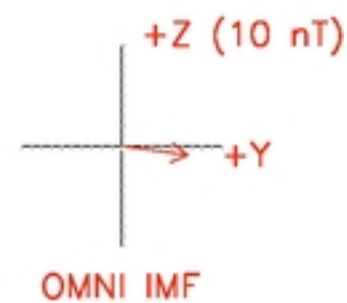
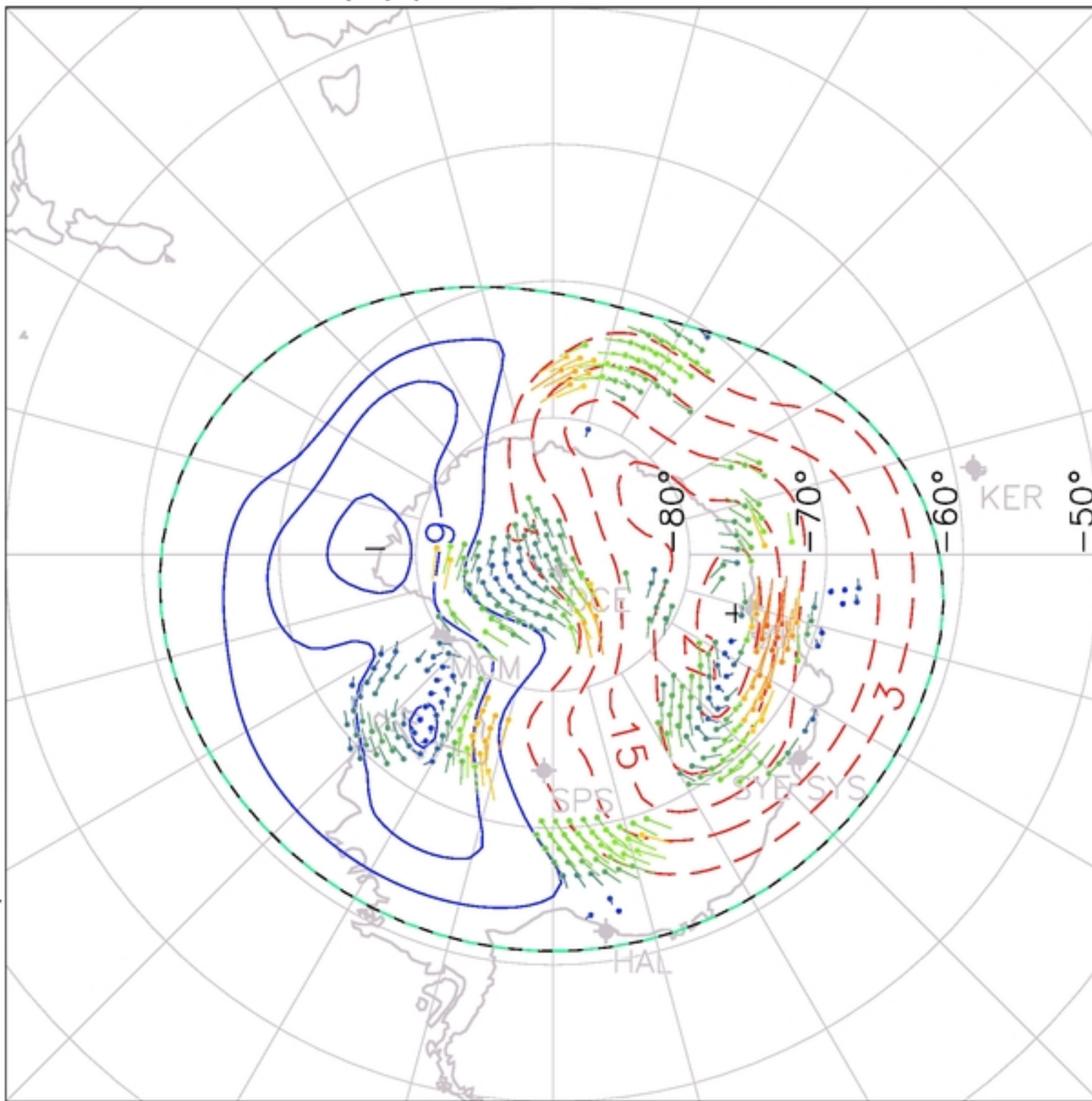
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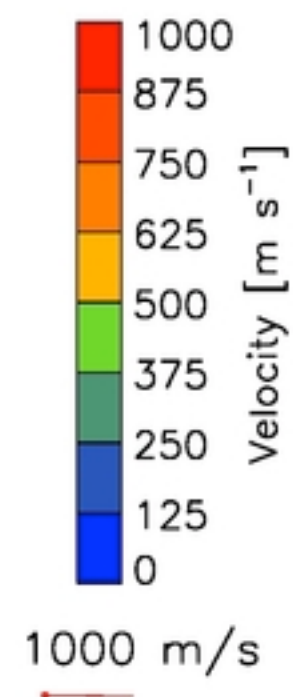
2

3

Hour (MLT)



Stat Mod: RG96
By-, 6<BT<12



$\Phi_{pc} = 49$ kV

$\Lambda_{HM} = -61^\circ$

$N_{vc} = 380$ pts

$N_{rods} = 8$