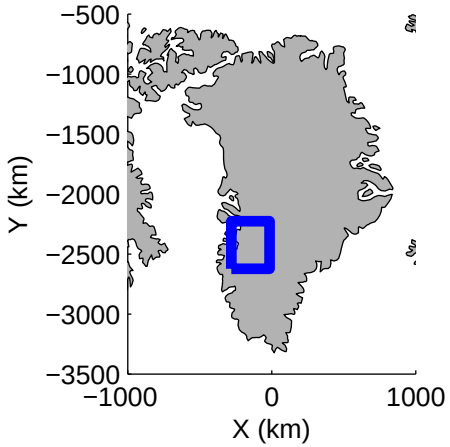
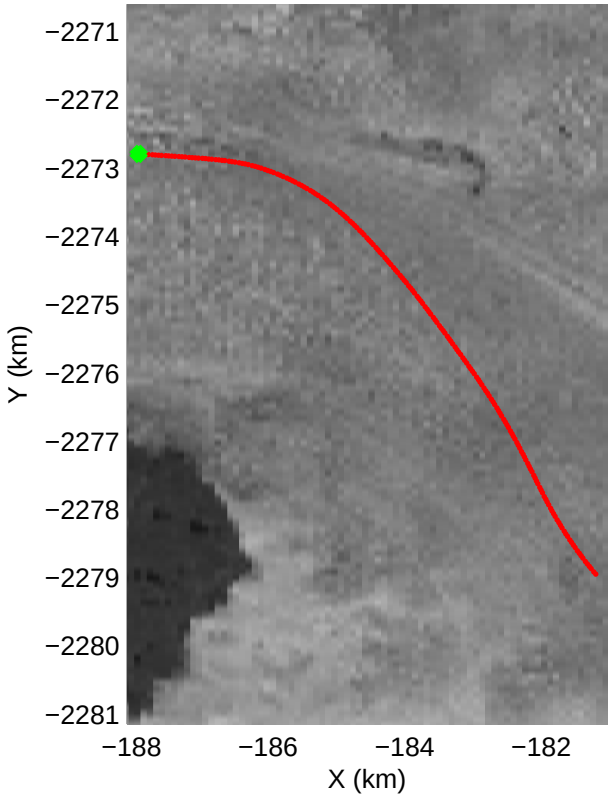
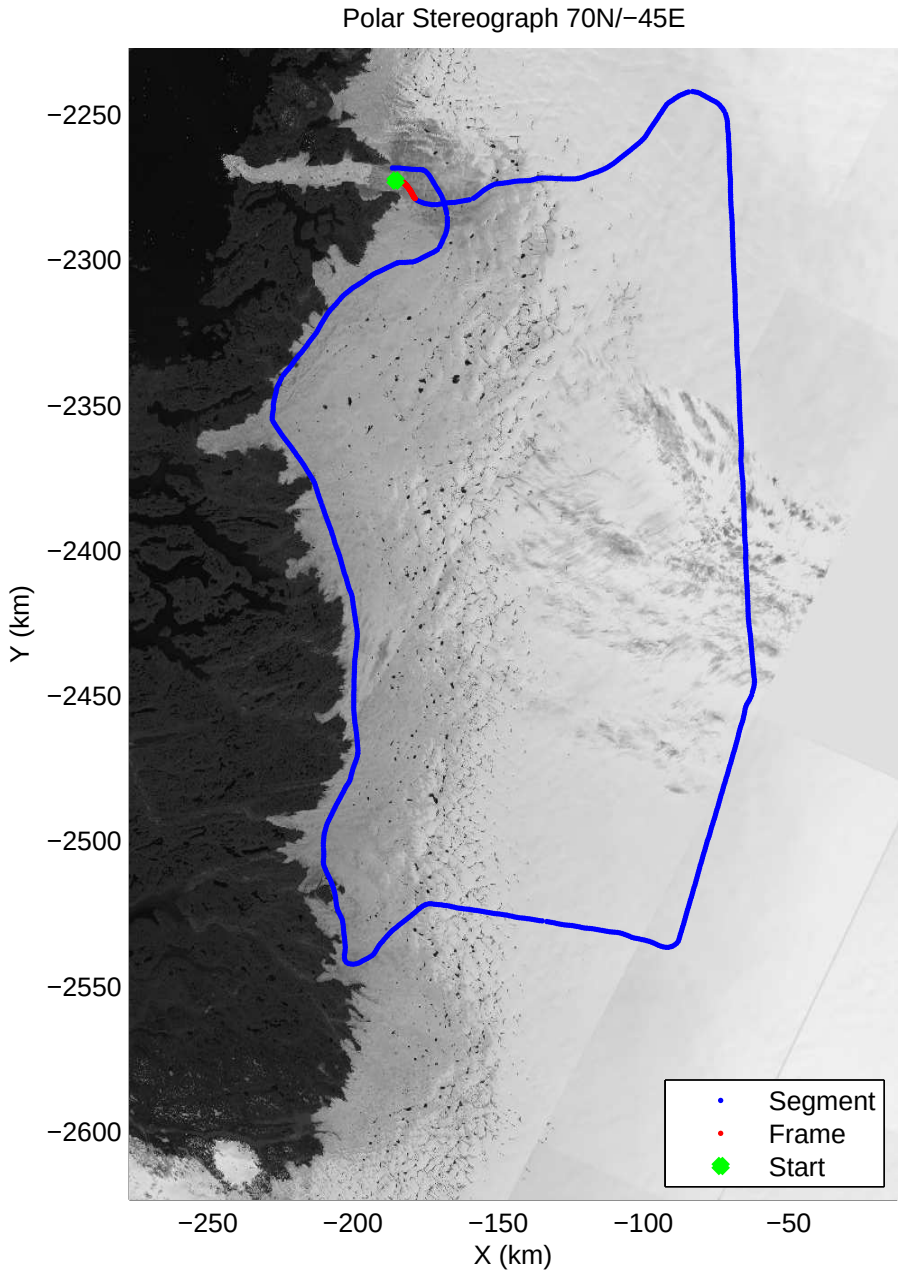
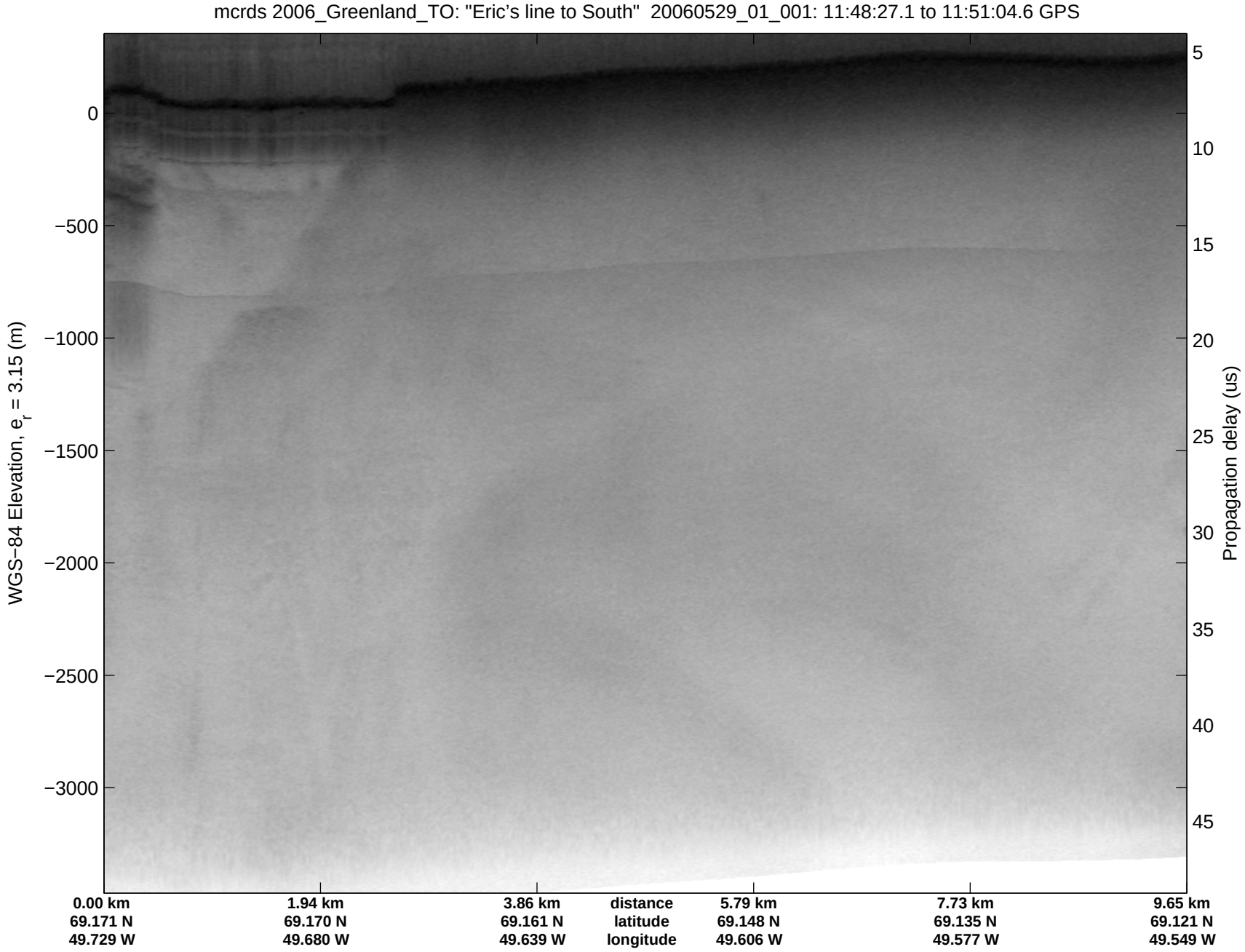
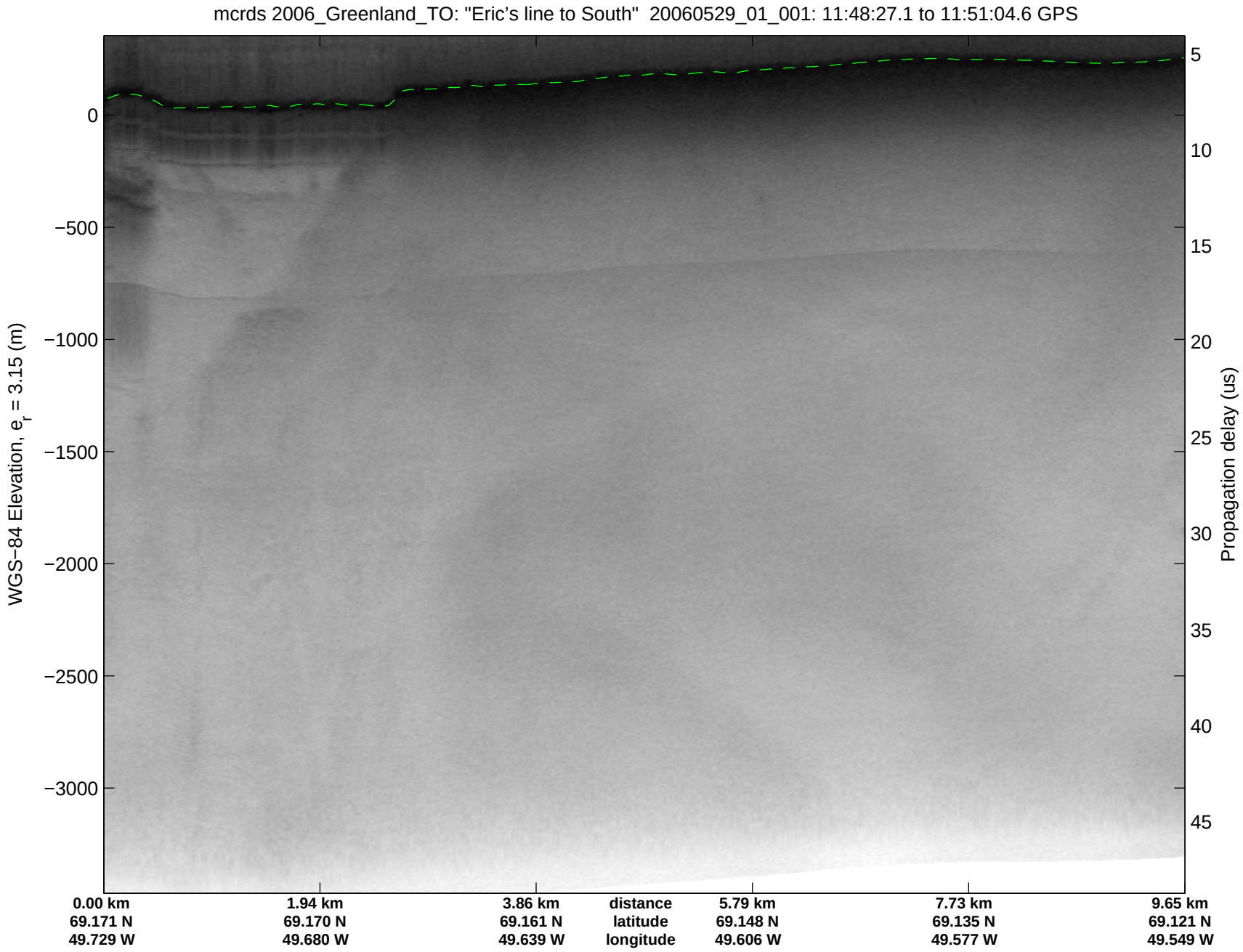
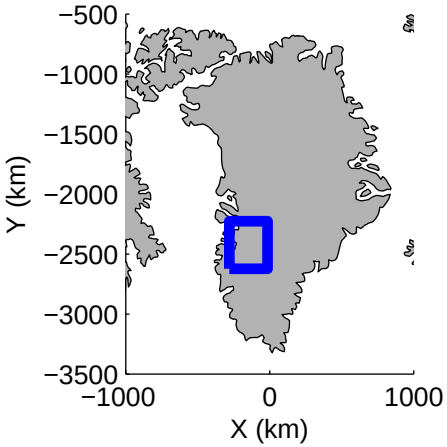

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

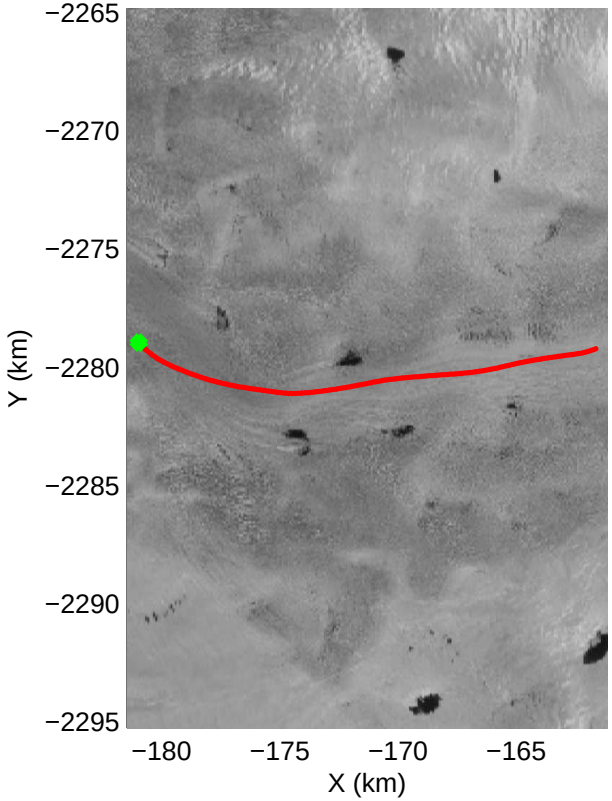

−2271
−2272
−2273
−2274
−2275
−2276
−2277
−2278
−2279
−2280
−2281
Y (km)
−188
−186
−184
−182
X (km)

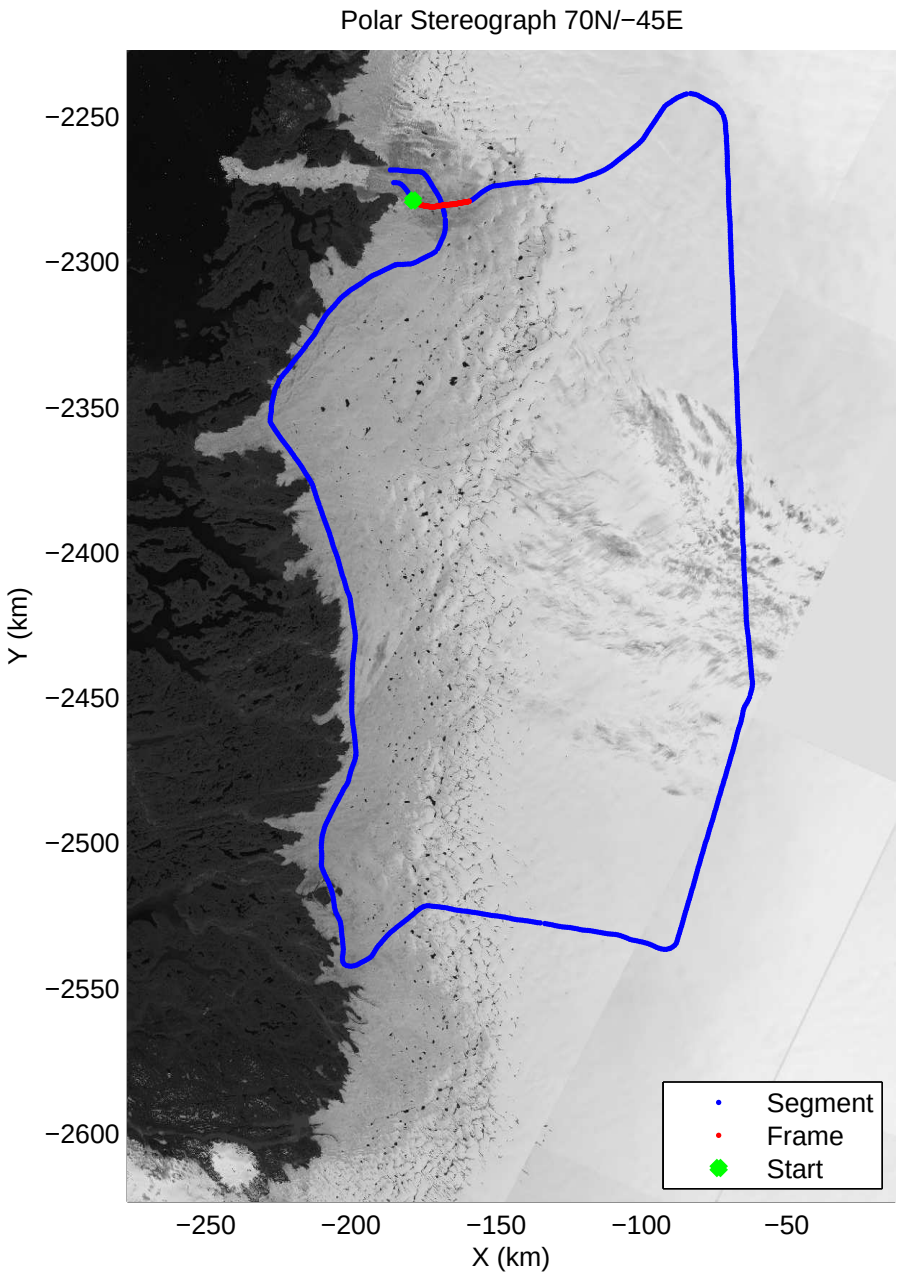

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

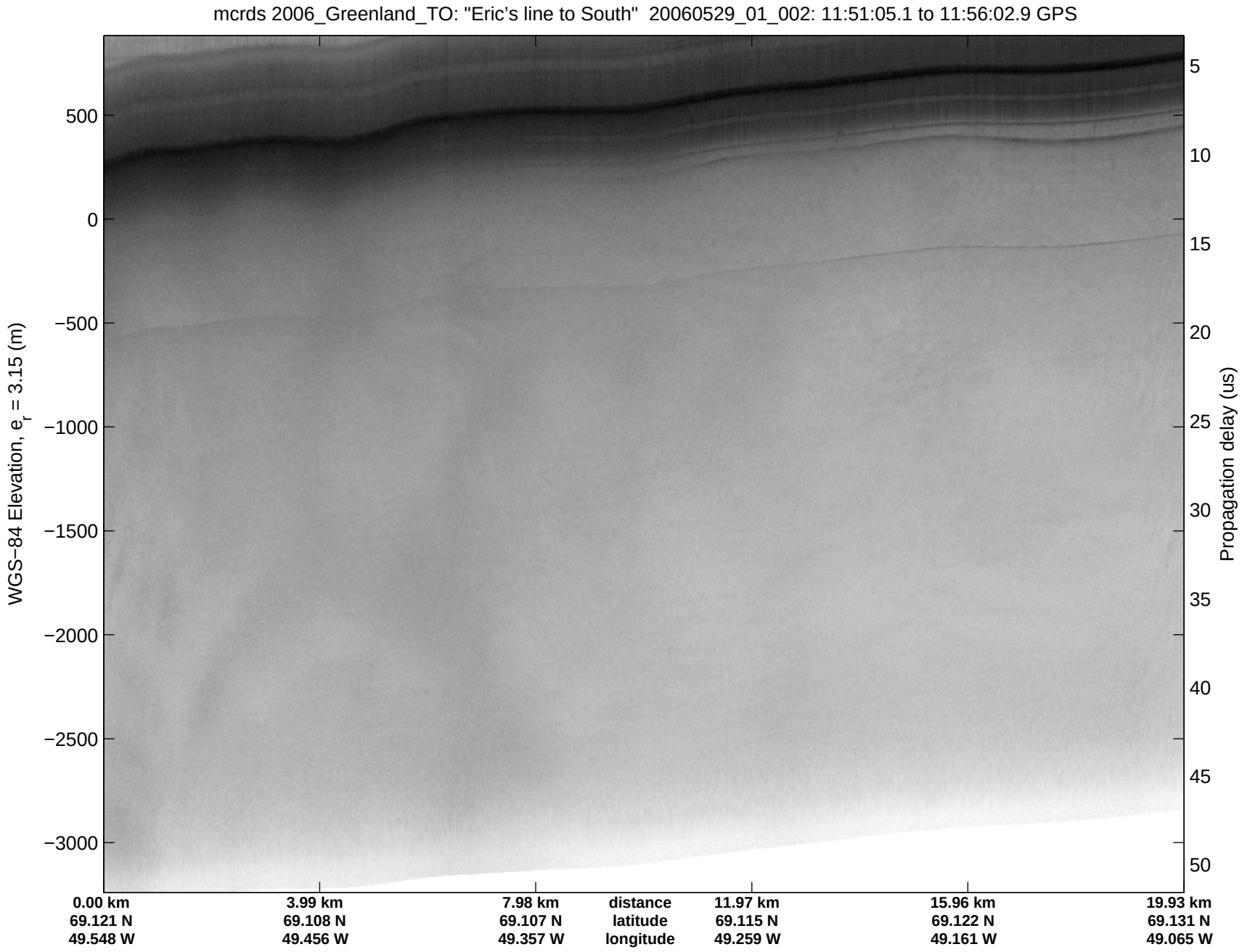

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_001: 11:48:27.1 to 11:51:04.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
69.171 N
49.729 W
1.94 km
69.170 N
49.680 W
3.86 km
69.161 N
49.639 W
distance
latitude
longitude
5.79 km
69.148 N
49.606 W
7.73 km
69.135 N
49.577 W
9.65 km
69.121 N
49.549 W

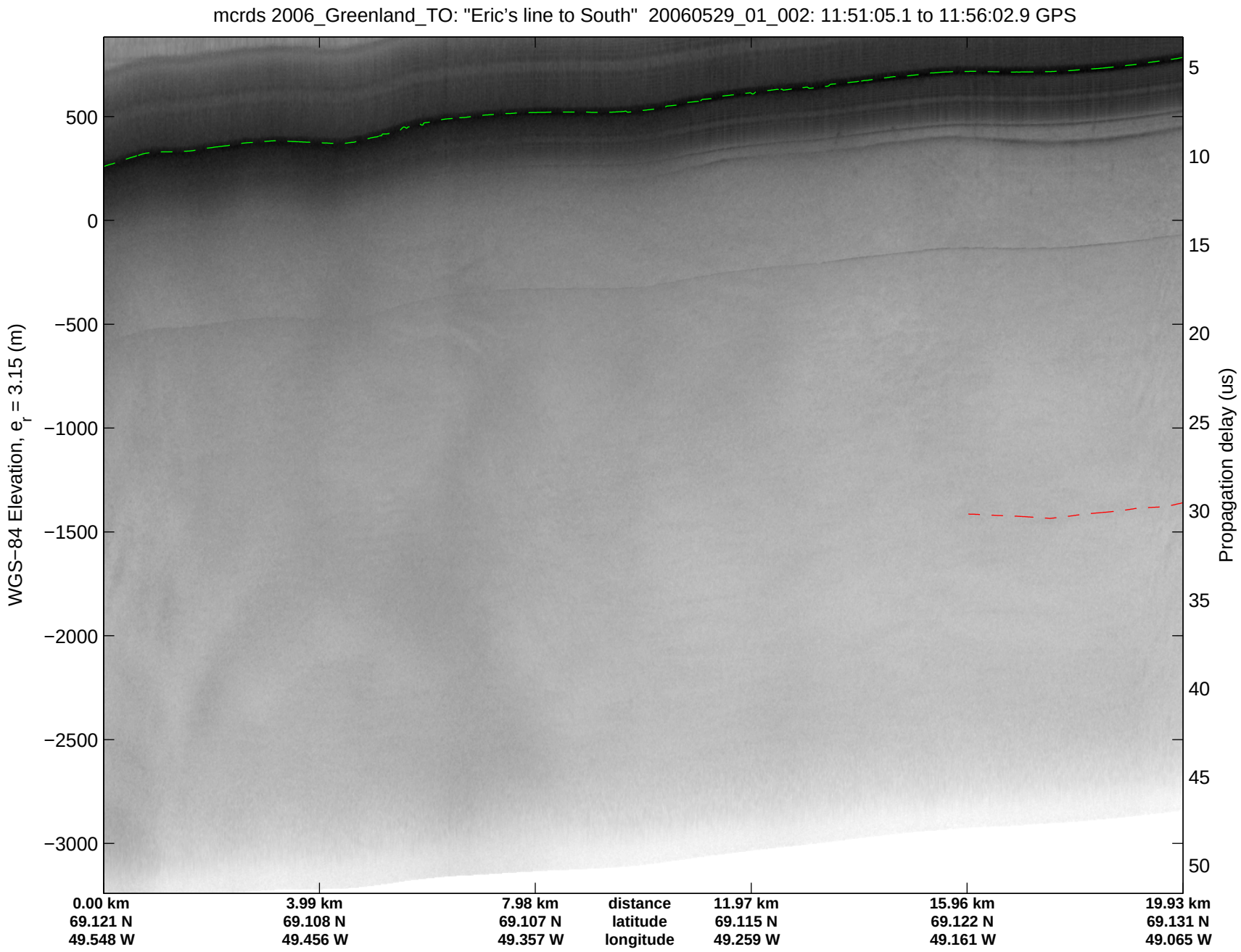

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_001: 11:48:27.1 to 11:51:04.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
69.171 N
49.729 W
1.94 km
69.170 N
49.680 W
3.86 km
69.161 N
49.639 W
distance
latitude
longitude
5.79 km
69.148 N
49.606 W
7.73 km
69.135 N
49.577 W
9.65 km
69.121 N
49.549 W

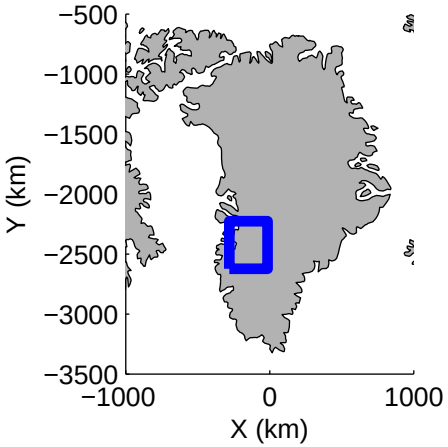

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

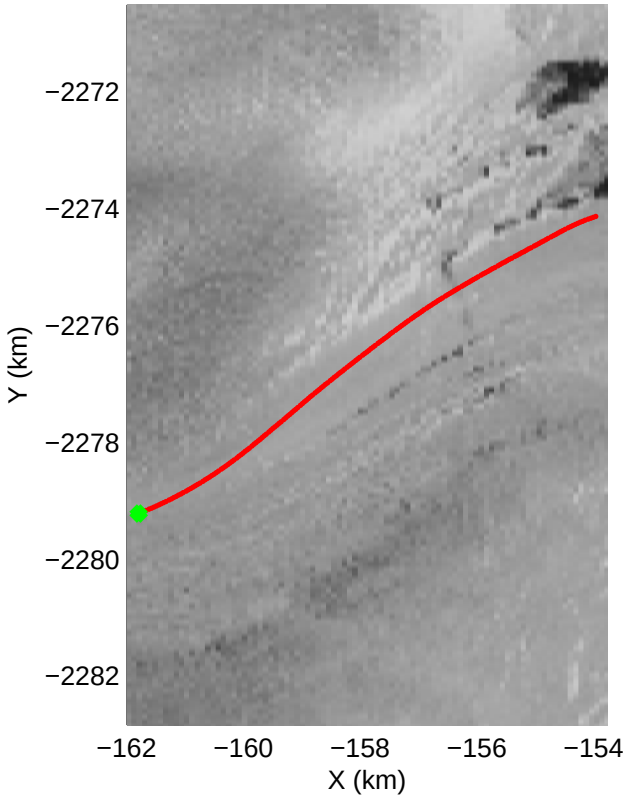

−2265
−2270
−2275
−2280
−2285
−2290
−2295
Y (km)
−180
−175
−170
−165
X (km)

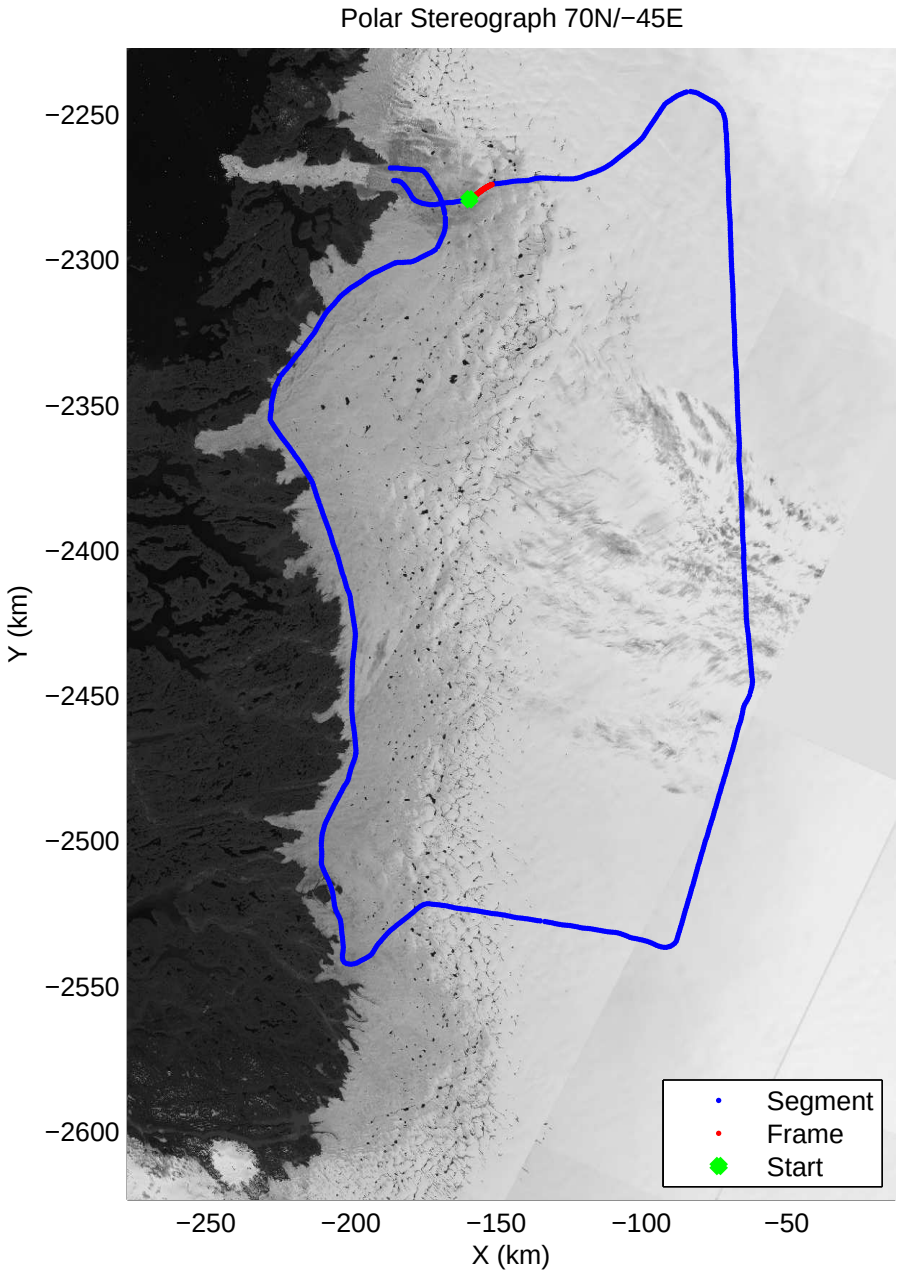

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

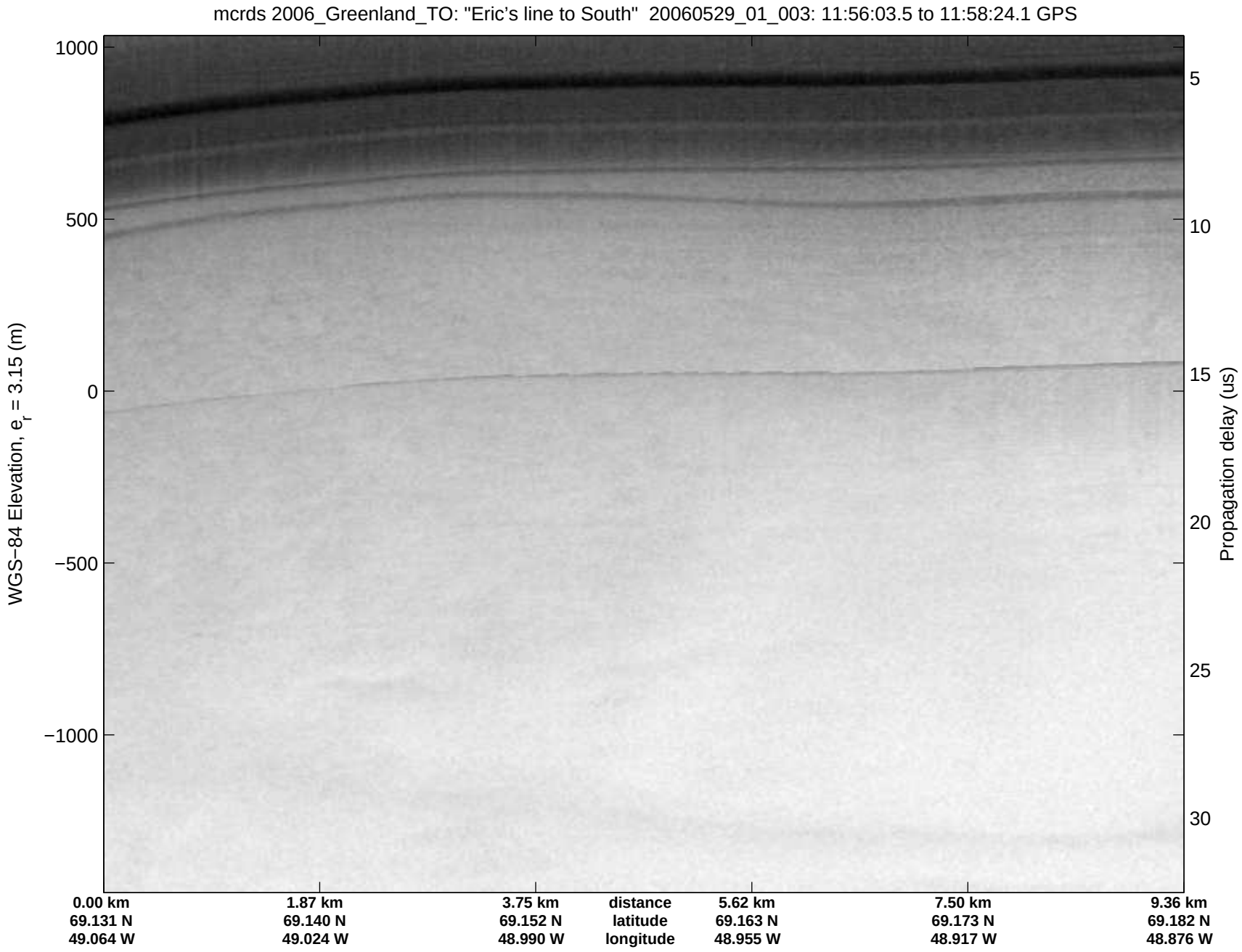

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_002: 11:51:05.1 to 11:56:02.9 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
69.121 N
49.548 W
3.99 km
69.108 N
49.456 W
7.98 km
69.107 N
49.357 W
distance
latitude
longitude
11.97 km
69.115 N
49.259 W
15.96 km
69.122 N
49.161 W
19.93 km
69.131 N
49.065 W

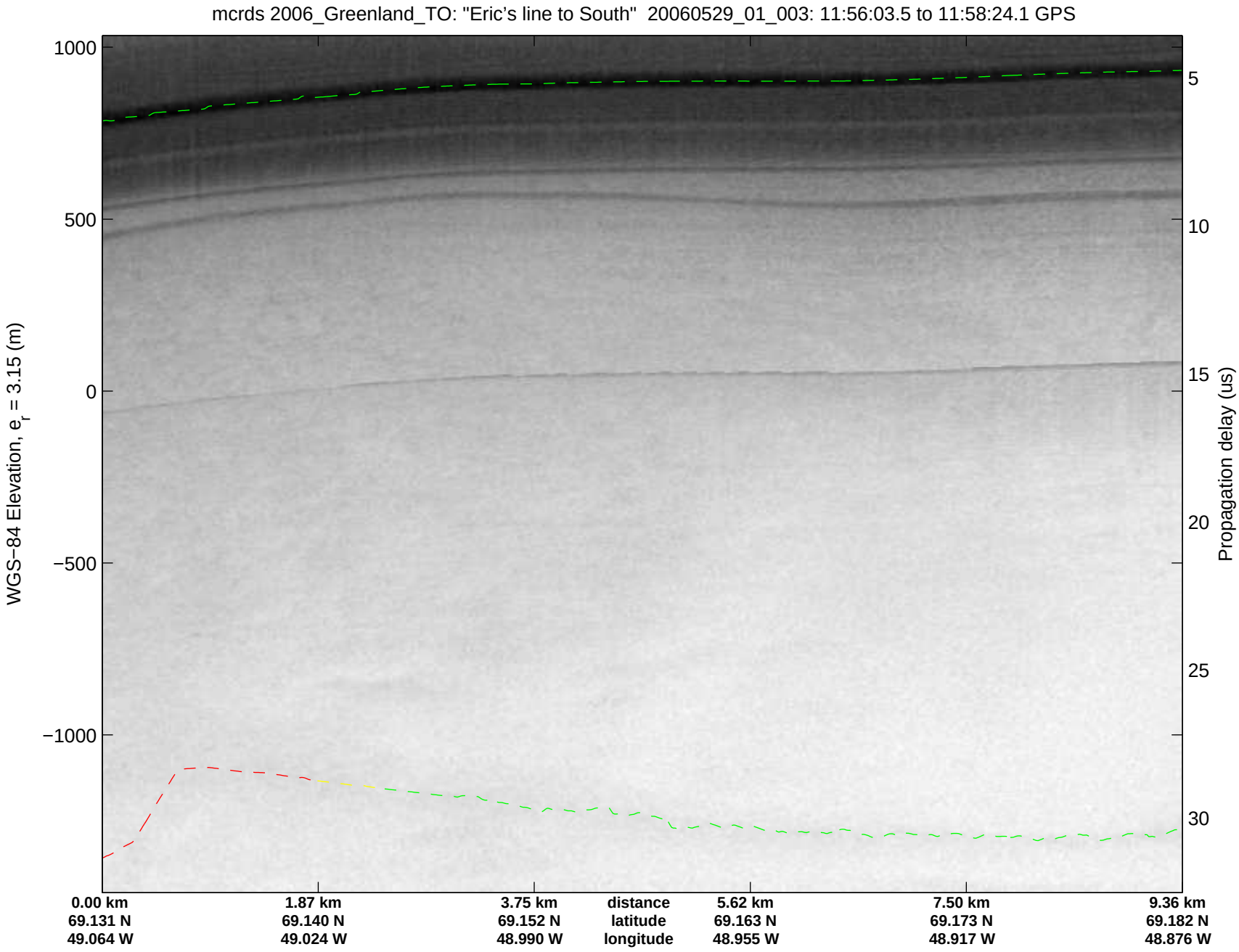

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_002: 11:51:05.1 to 11:56:02.9 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
50
0.00 km
69.121 N
49.548 W
3.99 km
69.108 N
49.456 W
7.98 km
69.107 N
49.357 W
distance
latitude
longitude
11.97 km
69.115 N
49.259 W
15.96 km
69.122 N
49.161 W
19.93 km
69.131 N
49.065 W

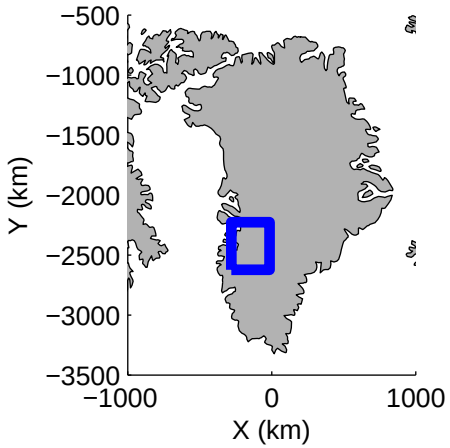

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

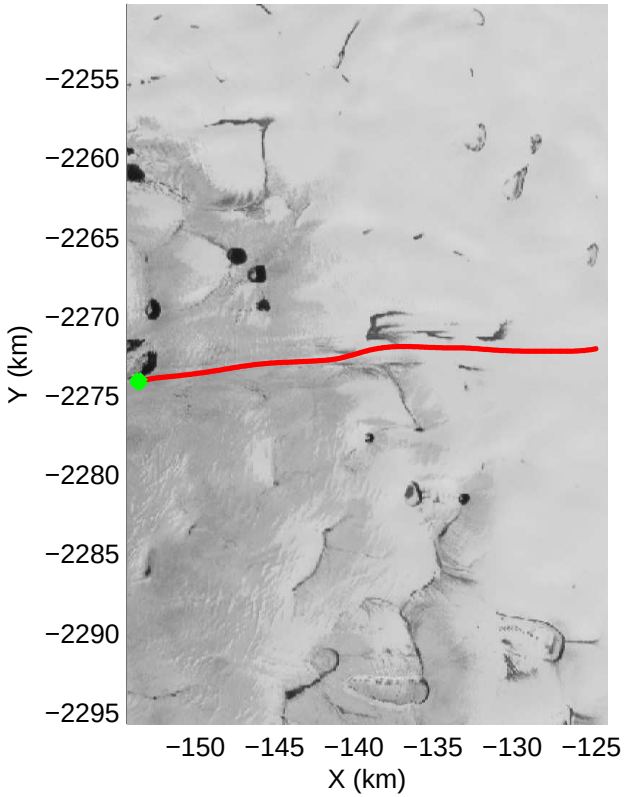

−2272
−2274
−2276
−2278
−2280
−2282
Y (km)
−162
−160
−158
−156
−154
X (km)

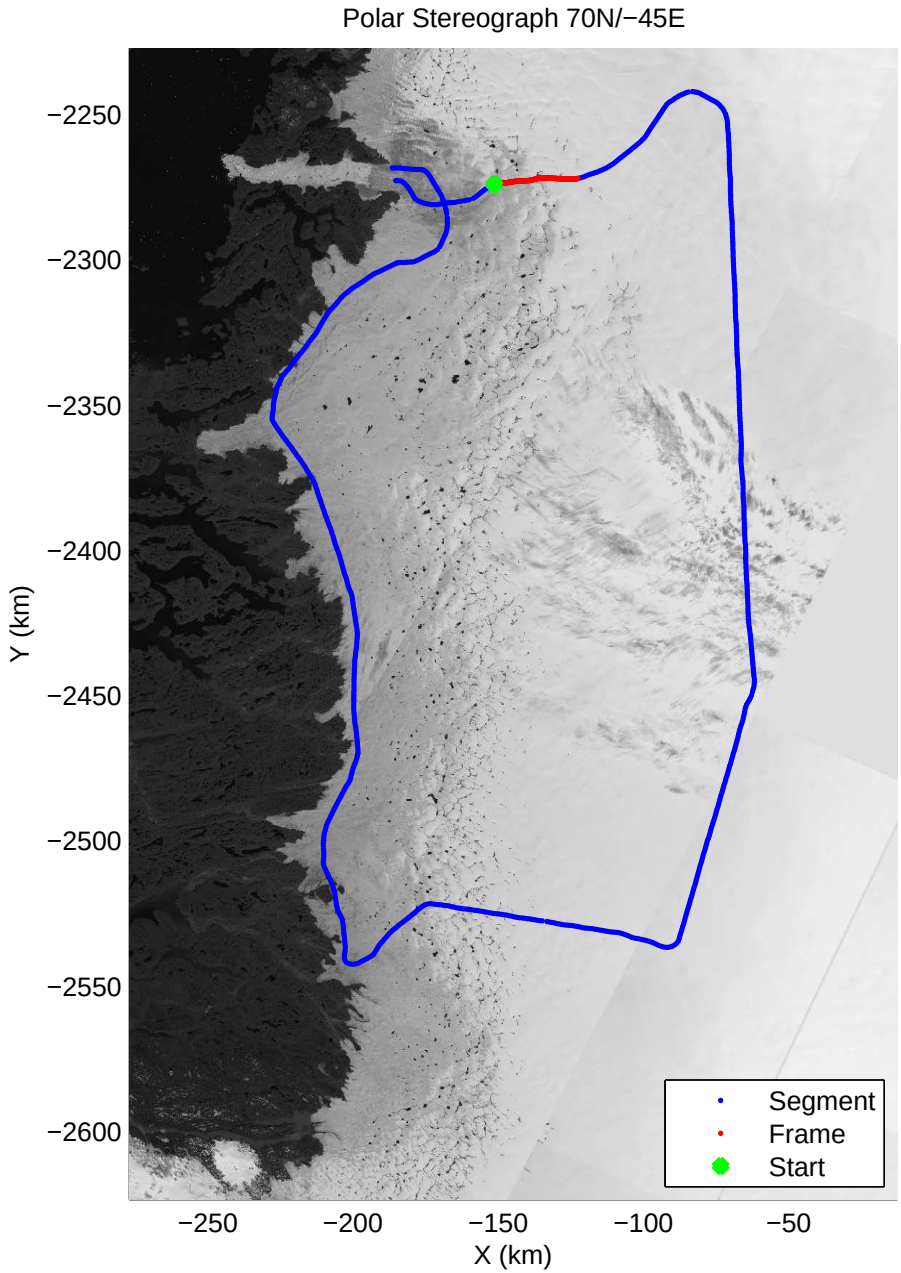

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

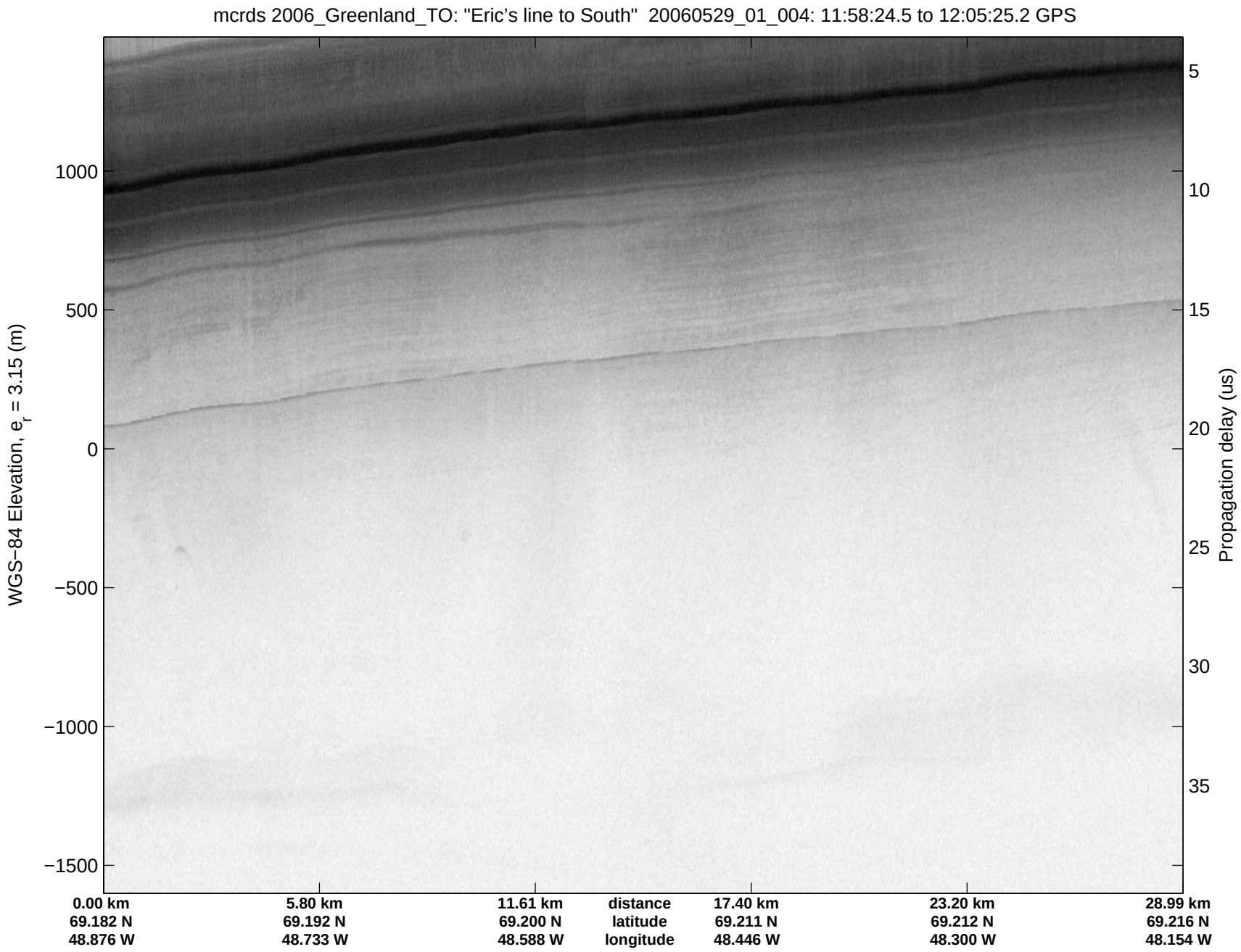

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_003: 11:56:03.5 to 11:58:24.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
500
0
−500
−1000
Propagation delay (us)
5
10
15
20
25
30
0.00 km
69.131 N
49.064 W
1.87 km
69.140 N
49.024 W
3.75 km
69.152 N
48.990 W
distance
latitude
longitude
5.62 km
69.163 N
48.955 W
7.50 km
69.173 N
48.917 W
9.36 km
69.182 N
48.876 W

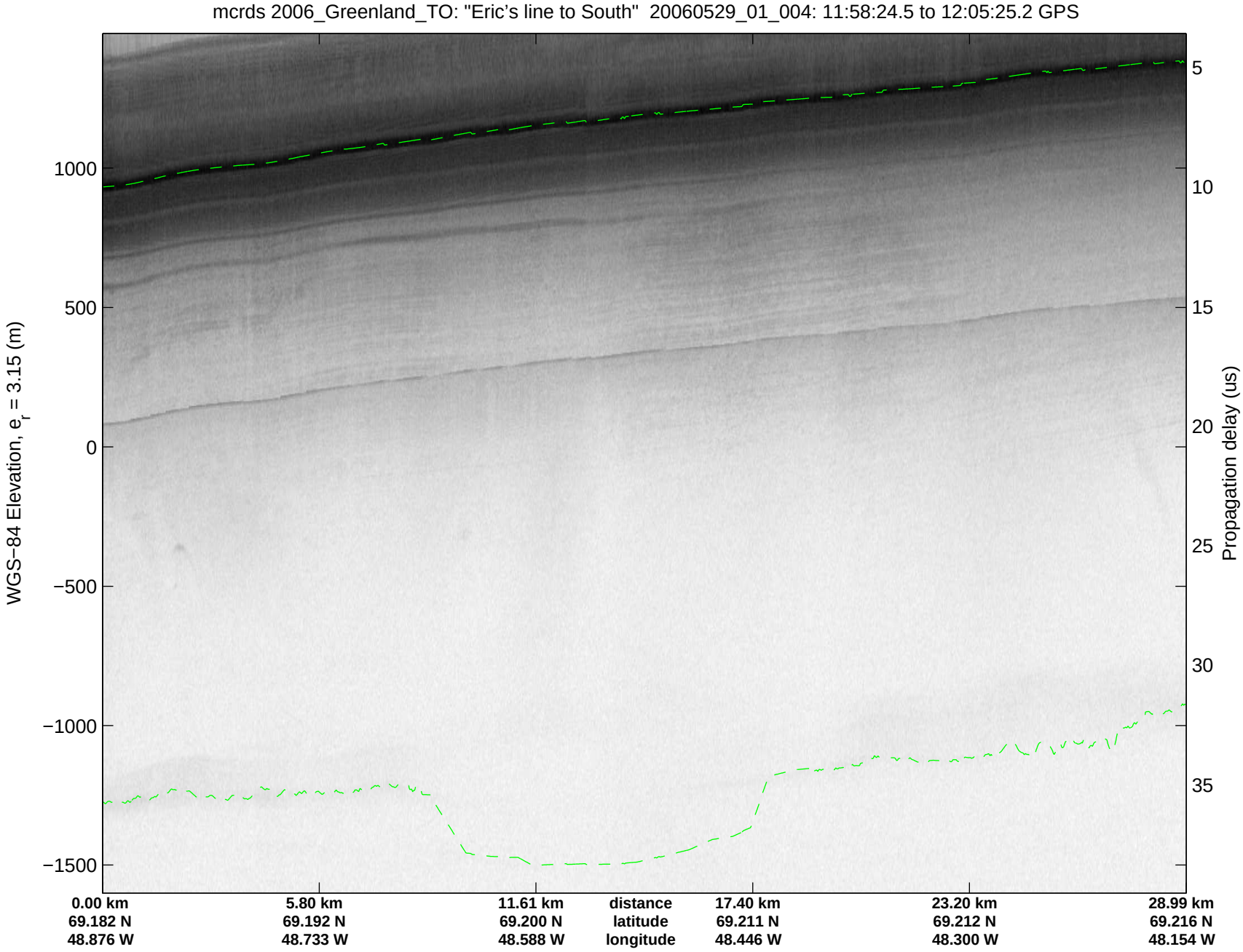

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_003: 11:56:03.5 to 11:58:24.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
500
0
−500
−1000
Propagation delay (us)
5
10
15
20
25
30
0.00 km
69.131 N
49.064 W
1.87 km
69.140 N
49.024 W
3.75 km
69.152 N
48.990 W
distance
latitude
longitude
5.62 km
69.163 N
48.955 W
7.50 km
69.173 N
48.917 W
9.36 km
69.182 N
48.876 W

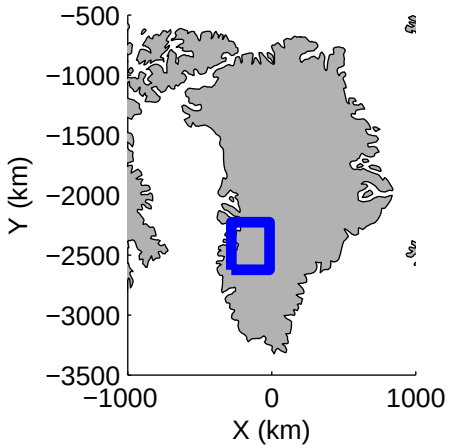

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

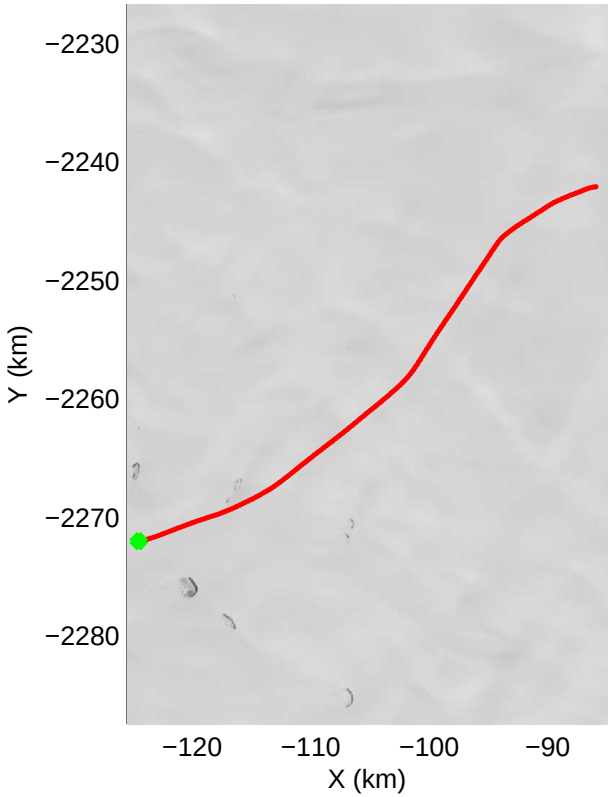

−2255
−2260
−2265
−2270
−2275
−2280
−2285
−2290
−2295
Y (km)
−150
−145
−140
−135
−130
−125
X (km)

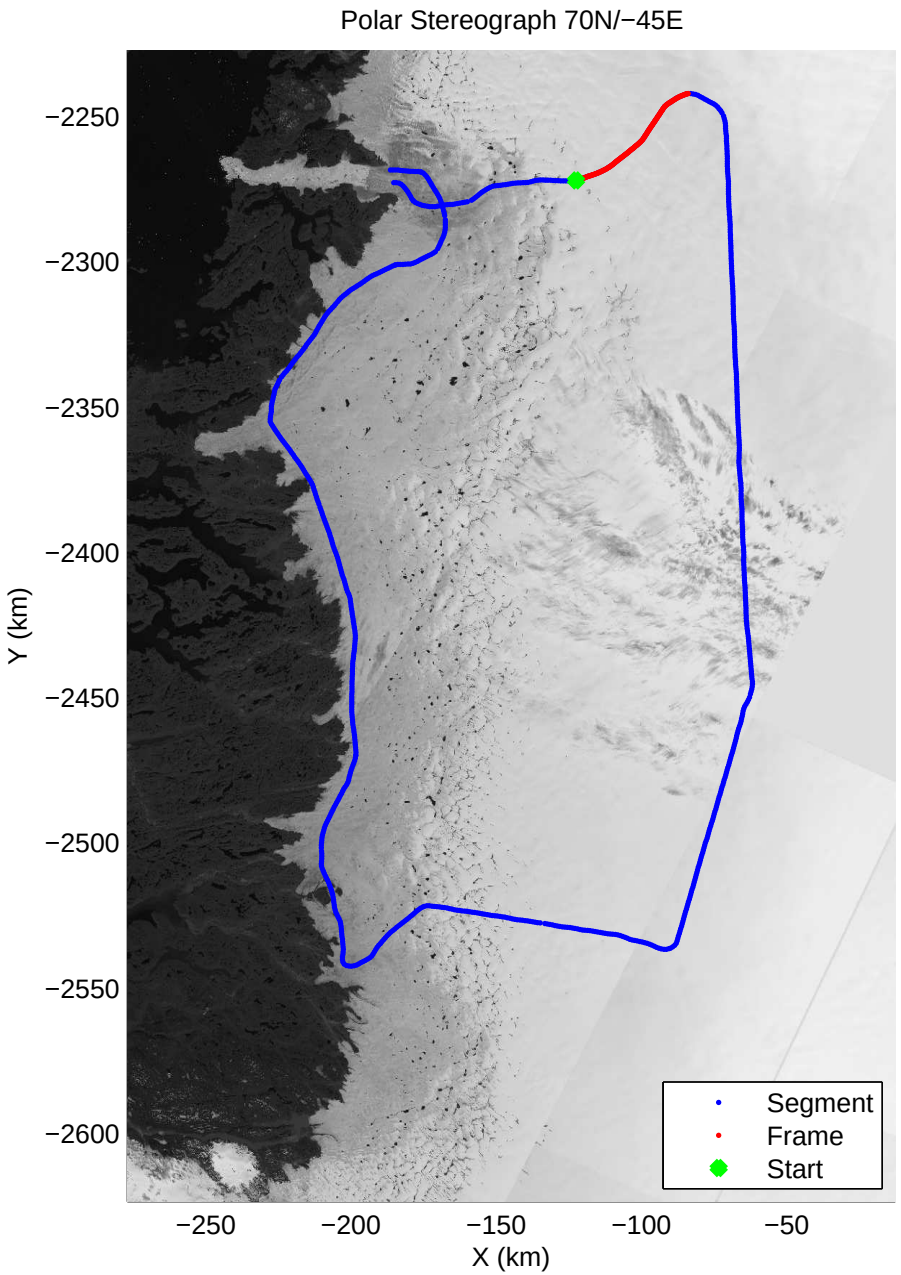

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

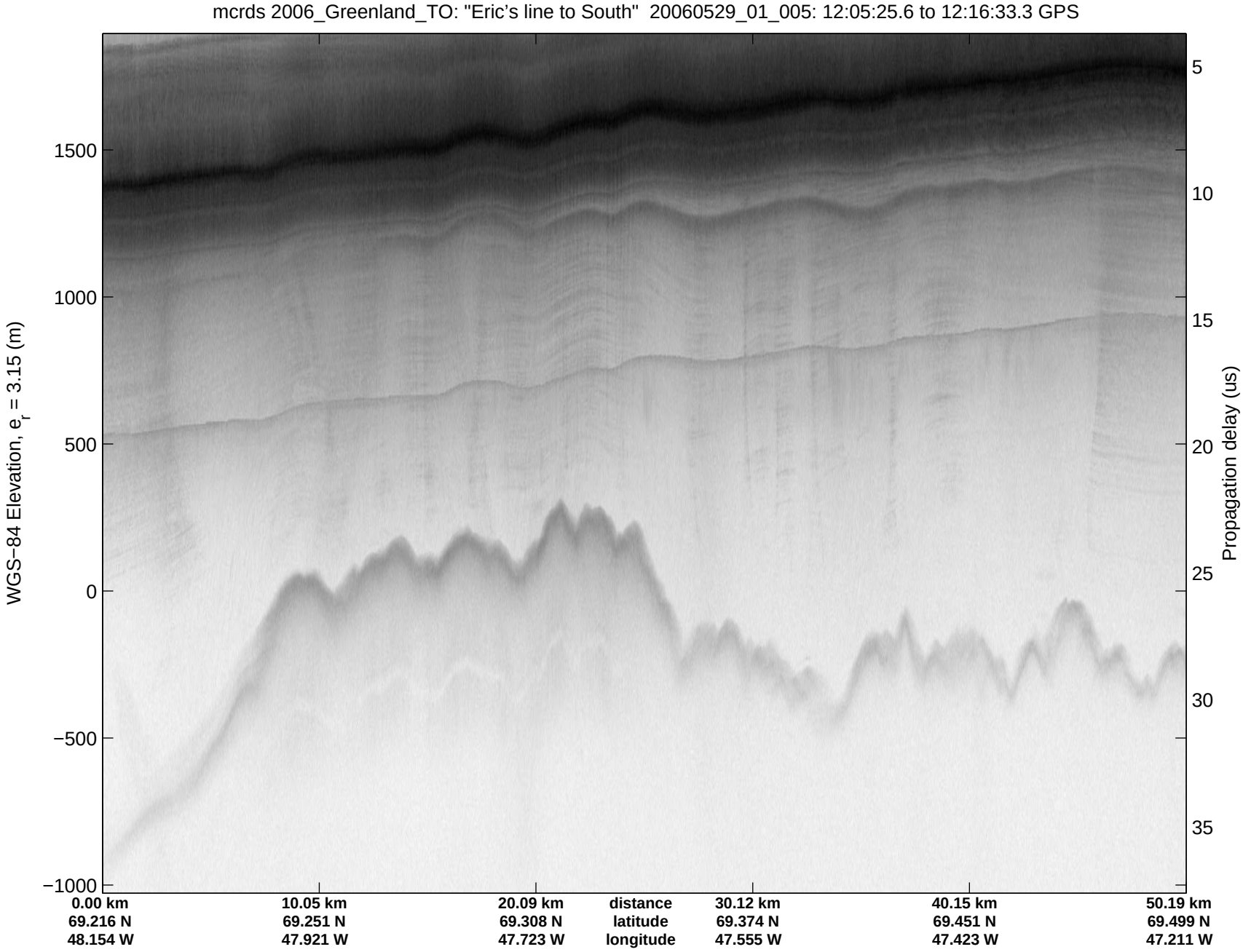

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_004: 11:58:24.5 to 12:05:25.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
500
0
−500
−1000
−1500
Propagation delay (us)
5
10
15
20
25
30
35
0.00 km
69.182 N
48.876 W
5.80 km
69.192 N
48.733 W
11.61 km
69.200 N
48.588 W
distance
latitude
longitude
17.40 km
69.211 N
48.446 W
23.20 km
69.212 N
48.300 W
28.99 km
69.216 N
48.154 W

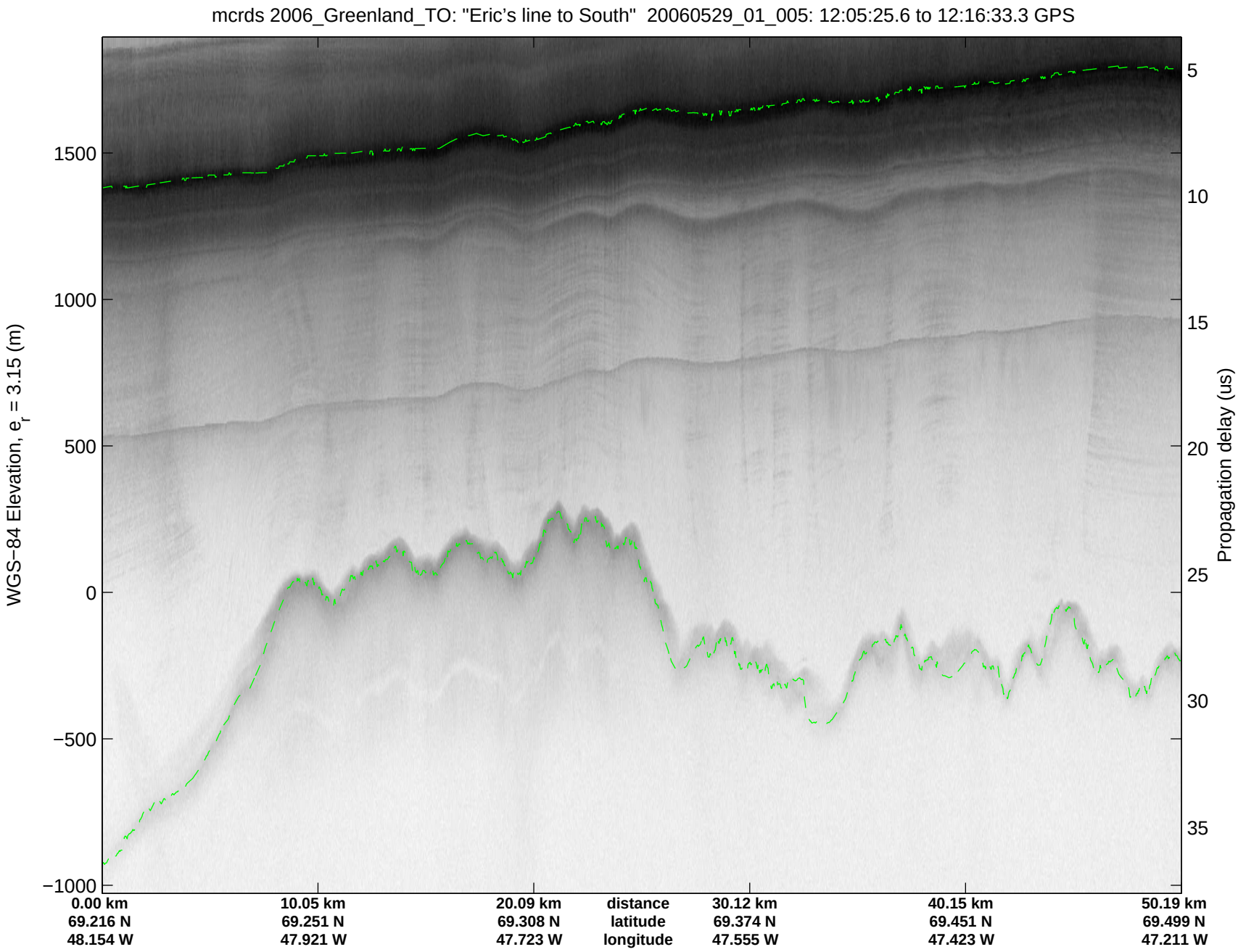

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_004: 11:58:24.5 to 12:05:25.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
500
0
−500
−1000
−1500
Propagation delay (us)
5
10
15
20
25
30
35
0.00 km
69.182 N
48.876 W
5.80 km
69.192 N
48.733 W
11.61 km
69.200 N
48.588 W
distance
latitude
longitude
17.40 km
69.211 N
48.446 W
23.20 km
69.212 N
48.300 W
28.99 km
69.216 N
48.154 W

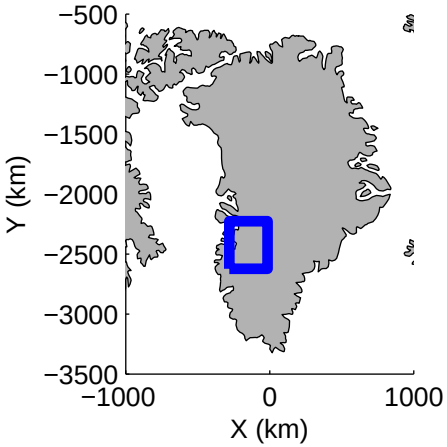

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

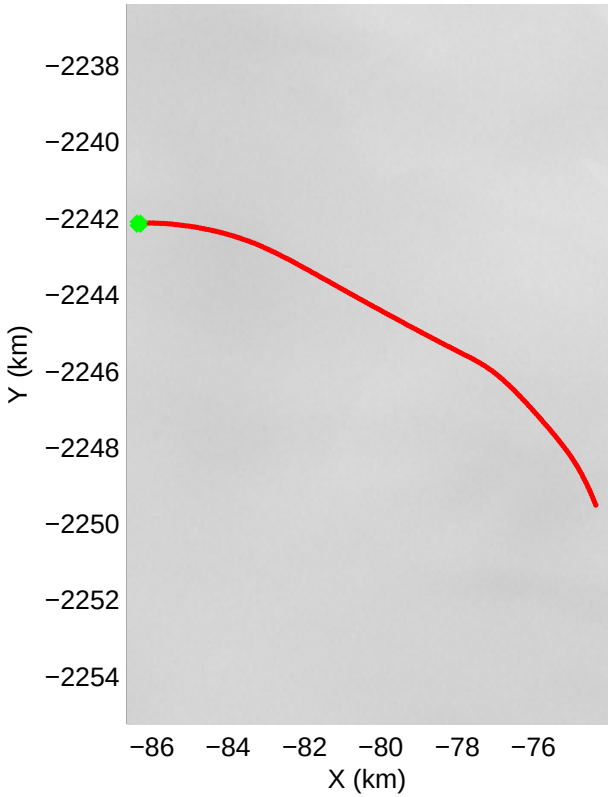

−2230
−2240
−2250
−2260
−2270
−2280
Y (km)
−120
−110
−100
−90
X (km)

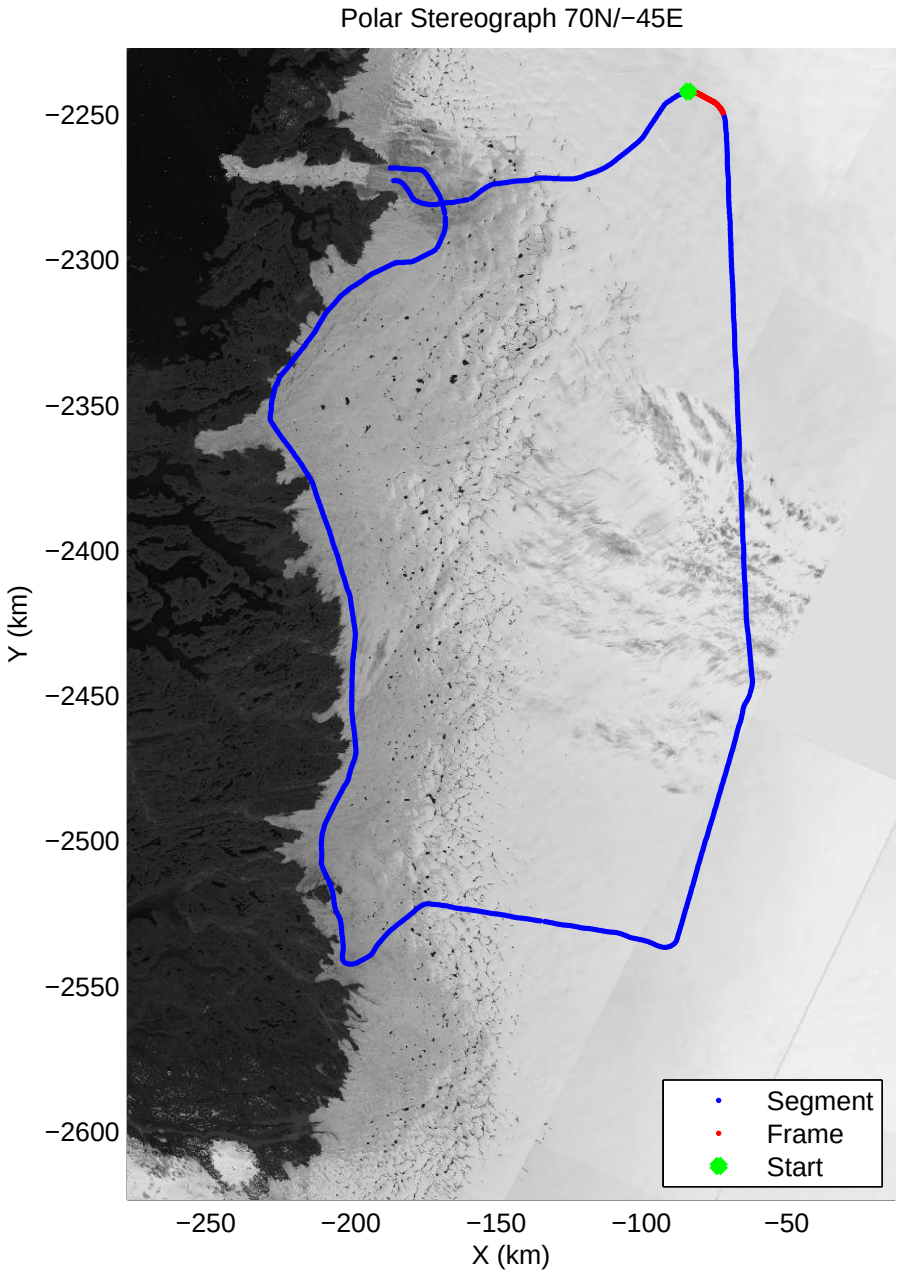

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

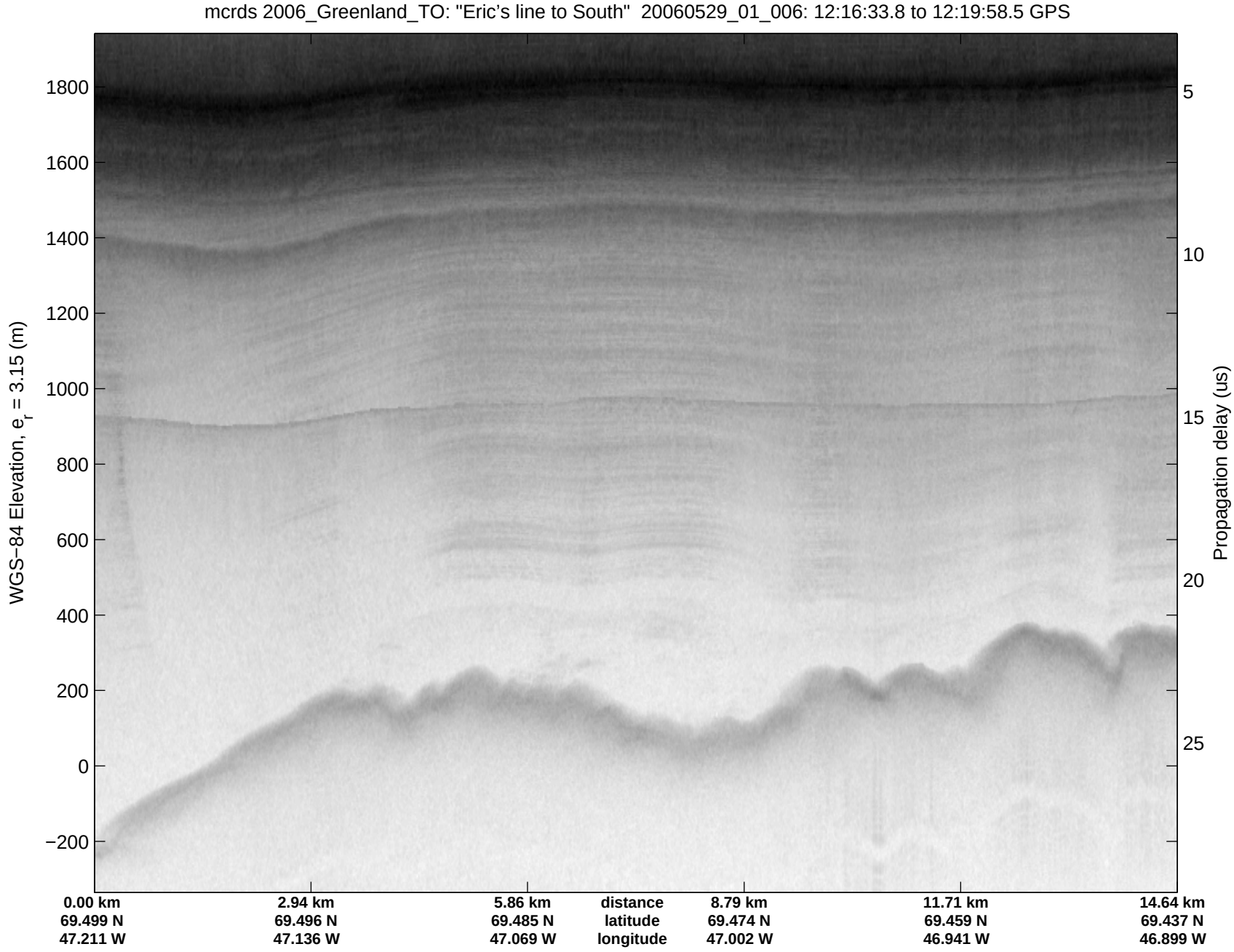

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_005: 12:05:25.6 to 12:16:33.3 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
−500
−1000
Propagation delay (us)
5
10
15
20
25
30
35
0.00 km
69.216 N
48.154 W
10.05 km
69.251 N
47.921 W
20.09 km
69.308 N
47.723 W
distance
latitude
longitude
30.12 km
69.374 N
47.555 W
40.15 km
69.451 N
47.423 W
50.19 km
69.499 N
47.211 W

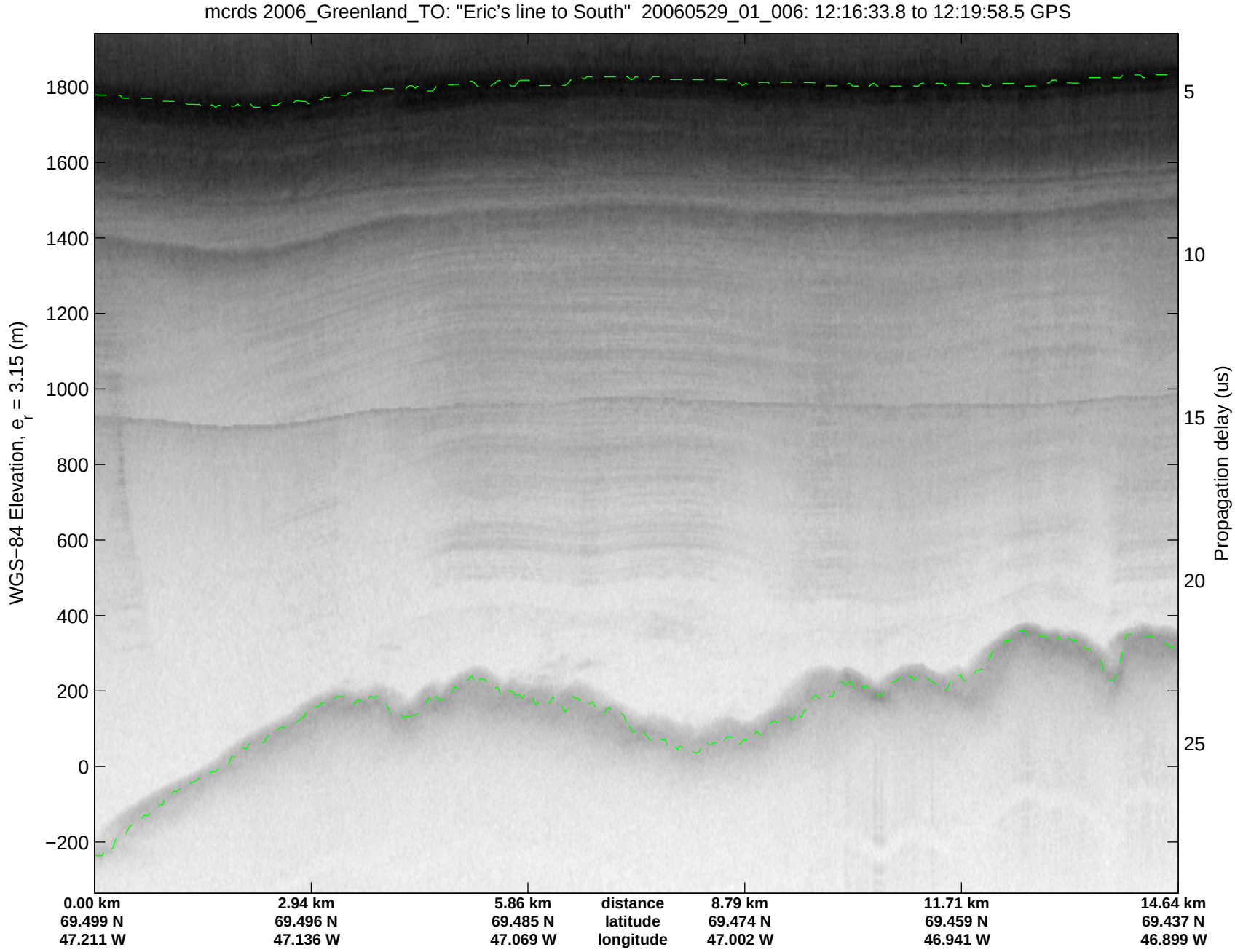

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_005: 12:05:25.6 to 12:16:33.3 GPS
WGS−84 Elevation, e_r = 3.15 (m)
Propagation delay (us)
1500
1000
500
0
−500
−1000
5
10
15
20
25
30
35
0.00 km
69.216 N
48.154 W
10.05 km
69.251 N
47.921 W
20.09 km
69.308 N
47.723 W
distance
latitude
longitude
30.12 km
69.374 N
47.555 W
40.15 km
69.451 N
47.423 W
50.19 km
69.499 N
47.211 W

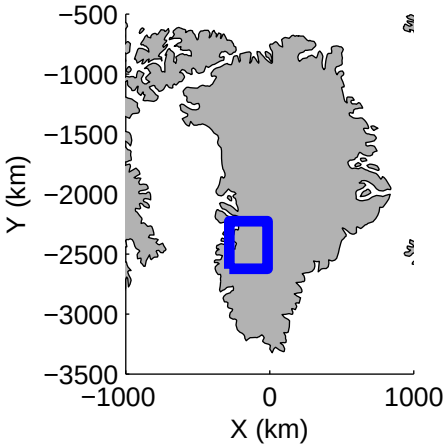

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

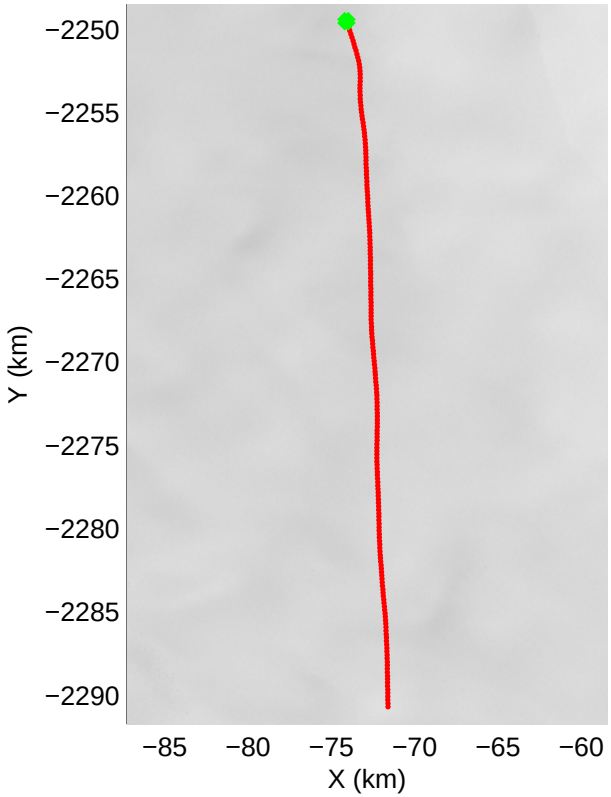

−2238
−2240
−2242
−2244
−2246
−2248
−2250
−2252
−2254
Y (km)
−86
−84
−82
−80
−78
−76
X (km)

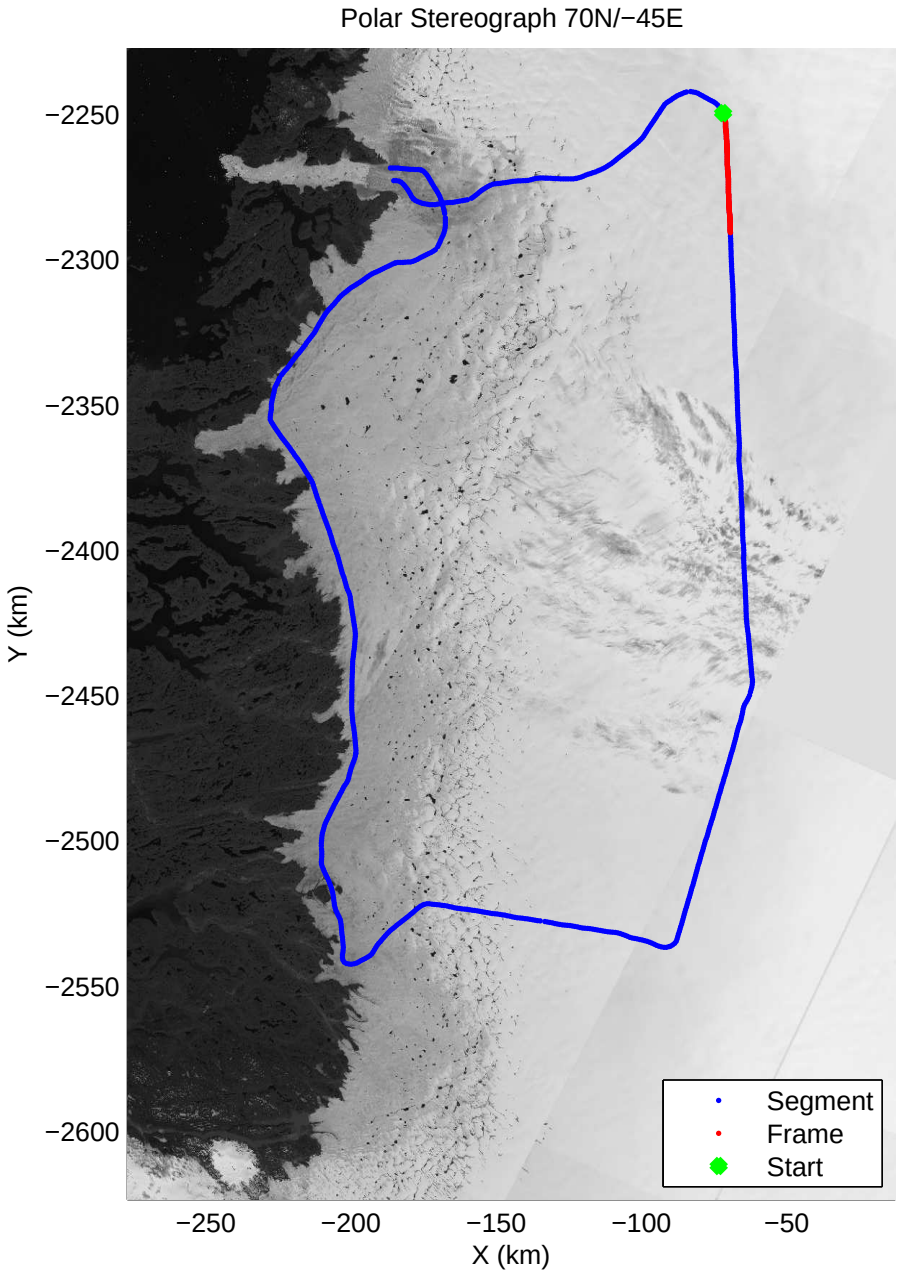

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

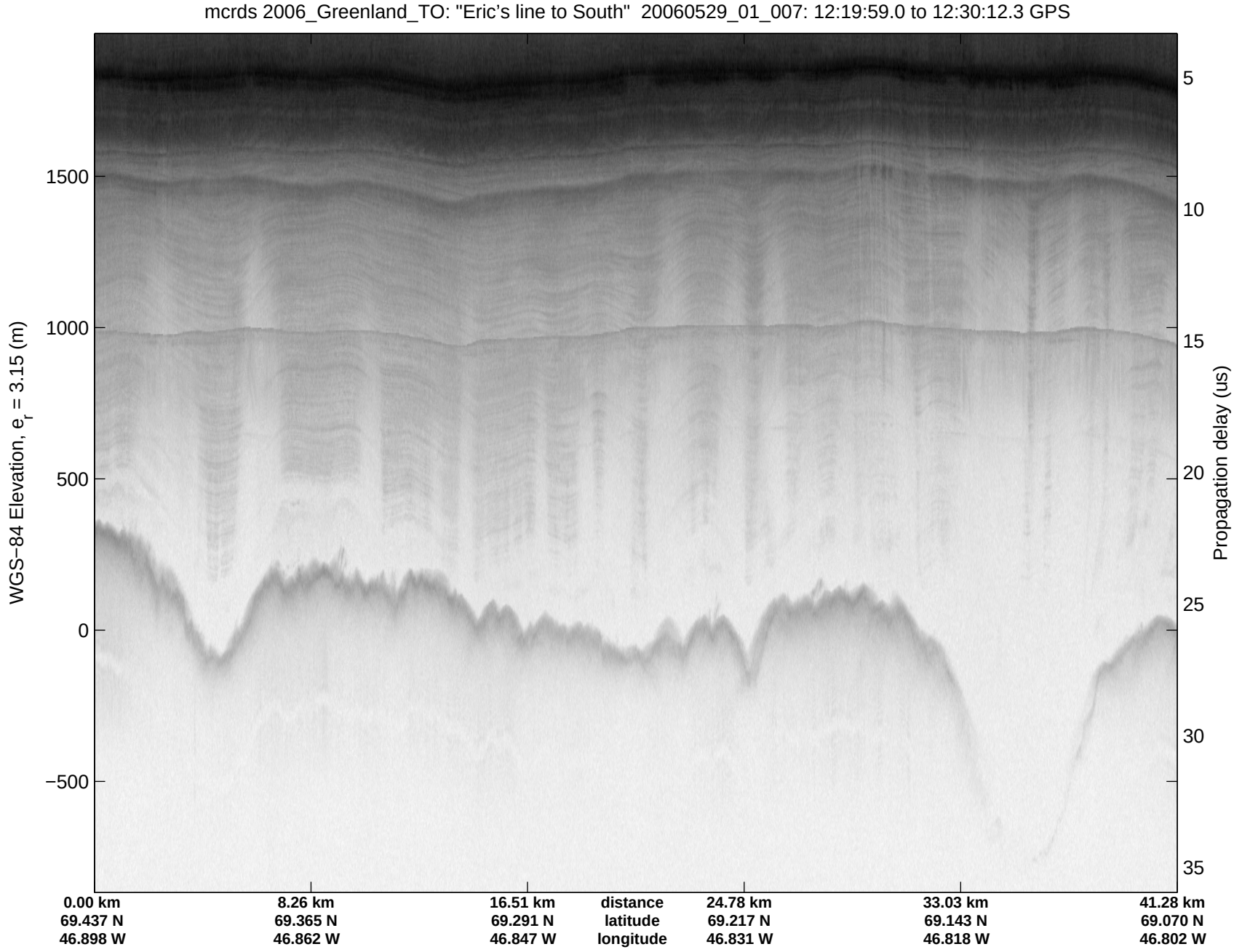

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_006: 12:16:33.8 to 12:19:58.5 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1800
1600
1400
1200
1000
800
600
400
200
0
−200
Propagation delay (us)
5
10
15
20
25
0.00 km
69.499 N
47.211 W
2.94 km
69.496 N
47.136 W
5.86 km
69.485 N
47.069 W
distance
latitude
longitude
8.79 km
69.474 N
47.002 W
11.71 km
69.459 N
46.941 W
14.64 km
69.437 N
46.899 W

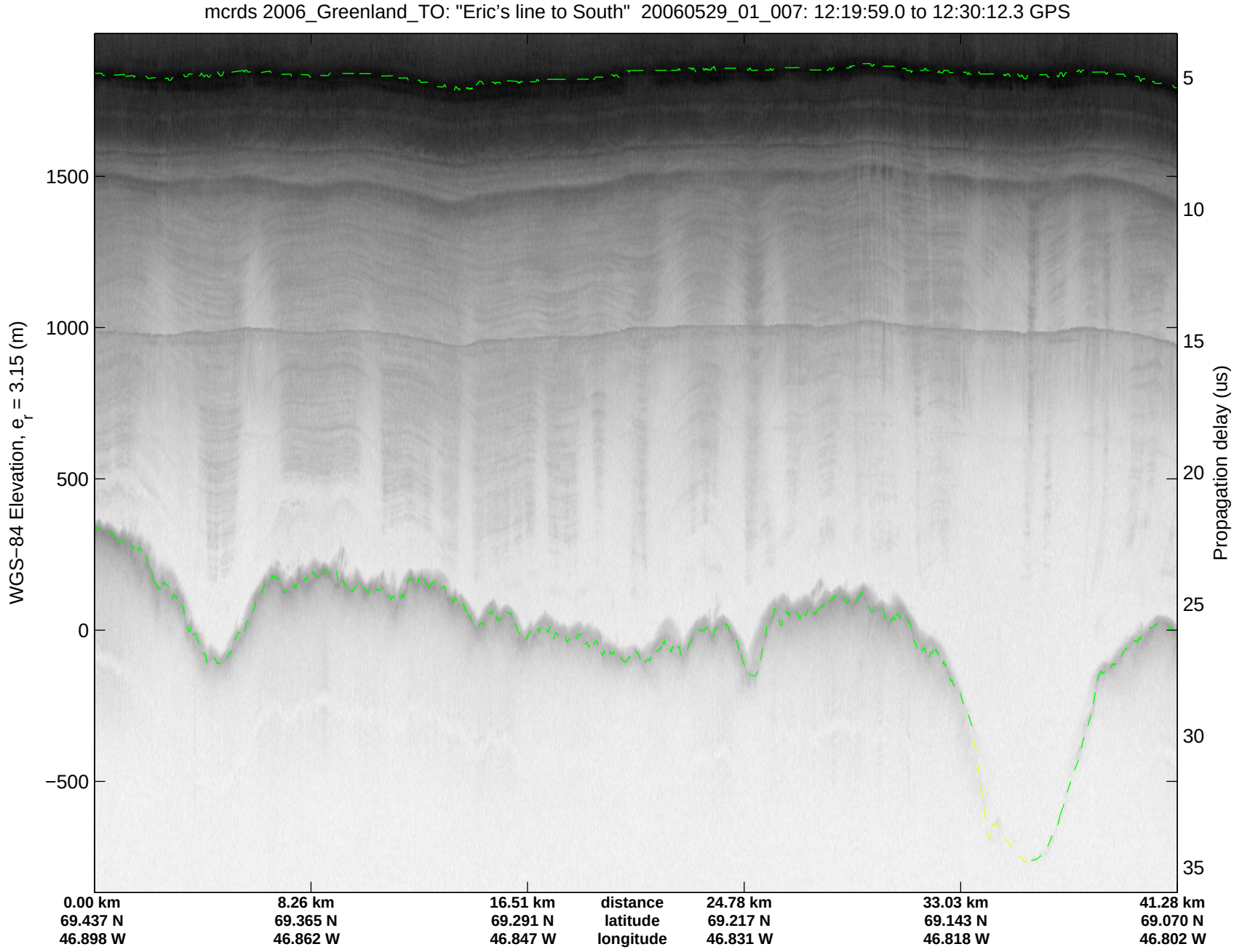

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_006: 12:16:33.8 to 12:19:58.5 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1800
1600
1400
1200
1000
800
600
400
200
0
−200
Propagation delay (us)
5
10
15
20
25
0.00 km
69.499 N
47.211 W
2.94 km
69.496 N
47.136 W
5.86 km
69.485 N
47.069 W
distance
latitude
longitude
8.79 km
69.474 N
47.002 W
11.71 km
69.459 N
46.941 W
14.64 km
69.437 N
46.899 W

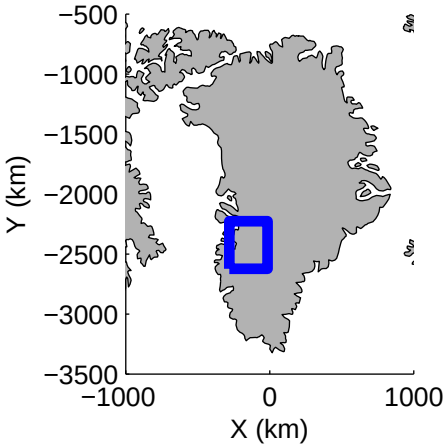

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

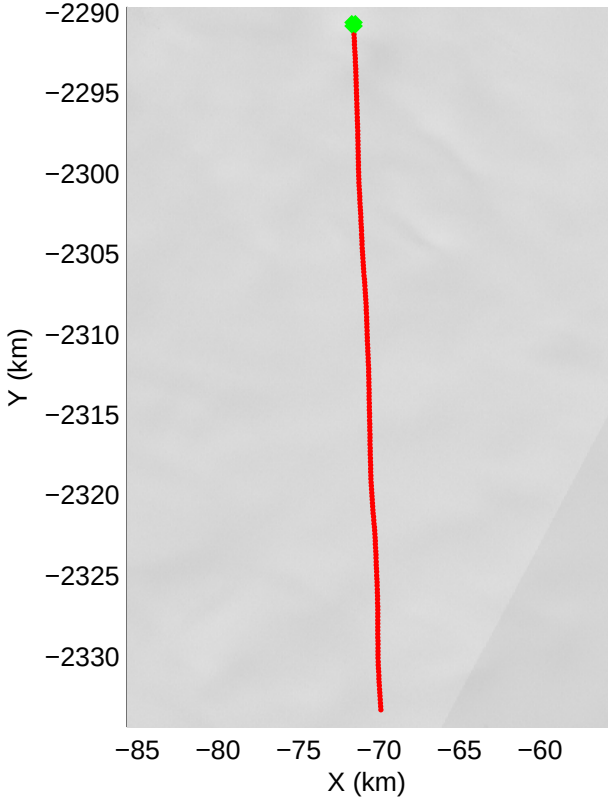

−2250
−2255
−2260
−2265
−2270
−2275
−2280
−2285
−2290
Y (km)
−85
−80
−75
−70
−65
−60
X (km)

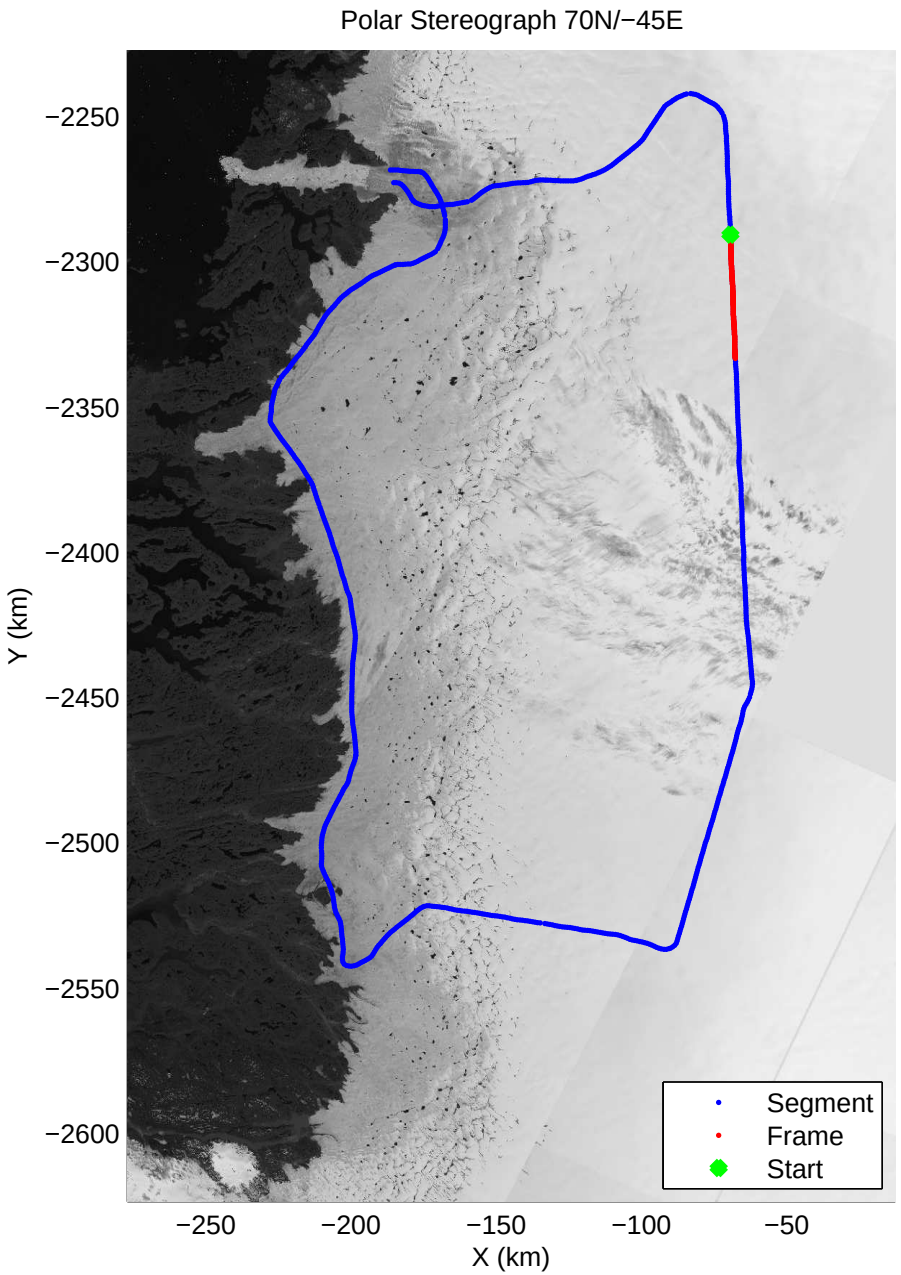

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

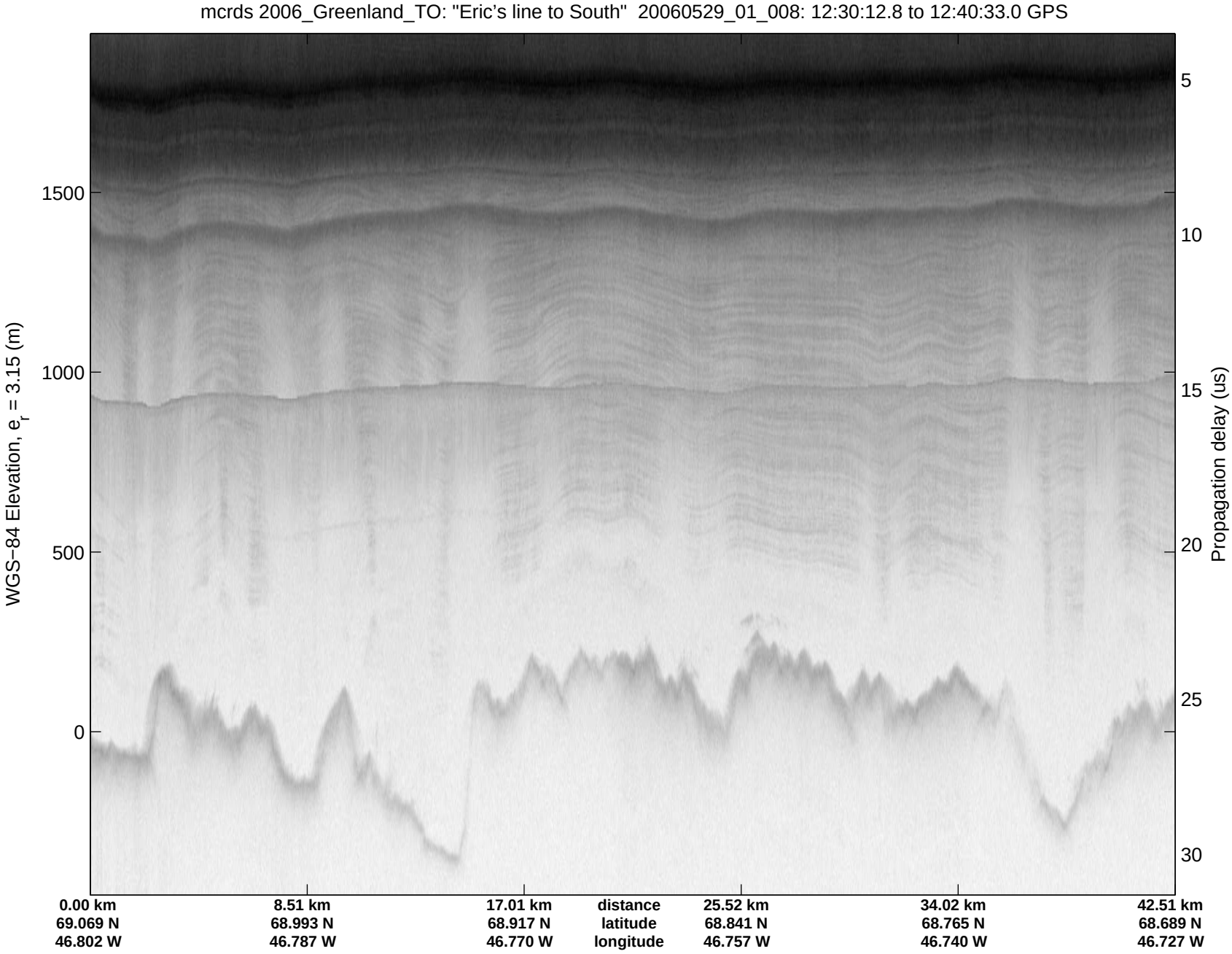

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_007: 12:19:59.0 to 12:30:12.3 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
−500
Propagation delay (us)
5
10
15
20
25
30
35
0.00 km
69.437 N
46.898 W
8.26 km
69.365 N
46.862 W
16.51 km
69.291 N
46.847 W
distance
latitude
longitude
24.78 km
69.217 N
46.831 W
33.03 km
69.143 N
46.818 W
41.28 km
69.070 N
46.802 W

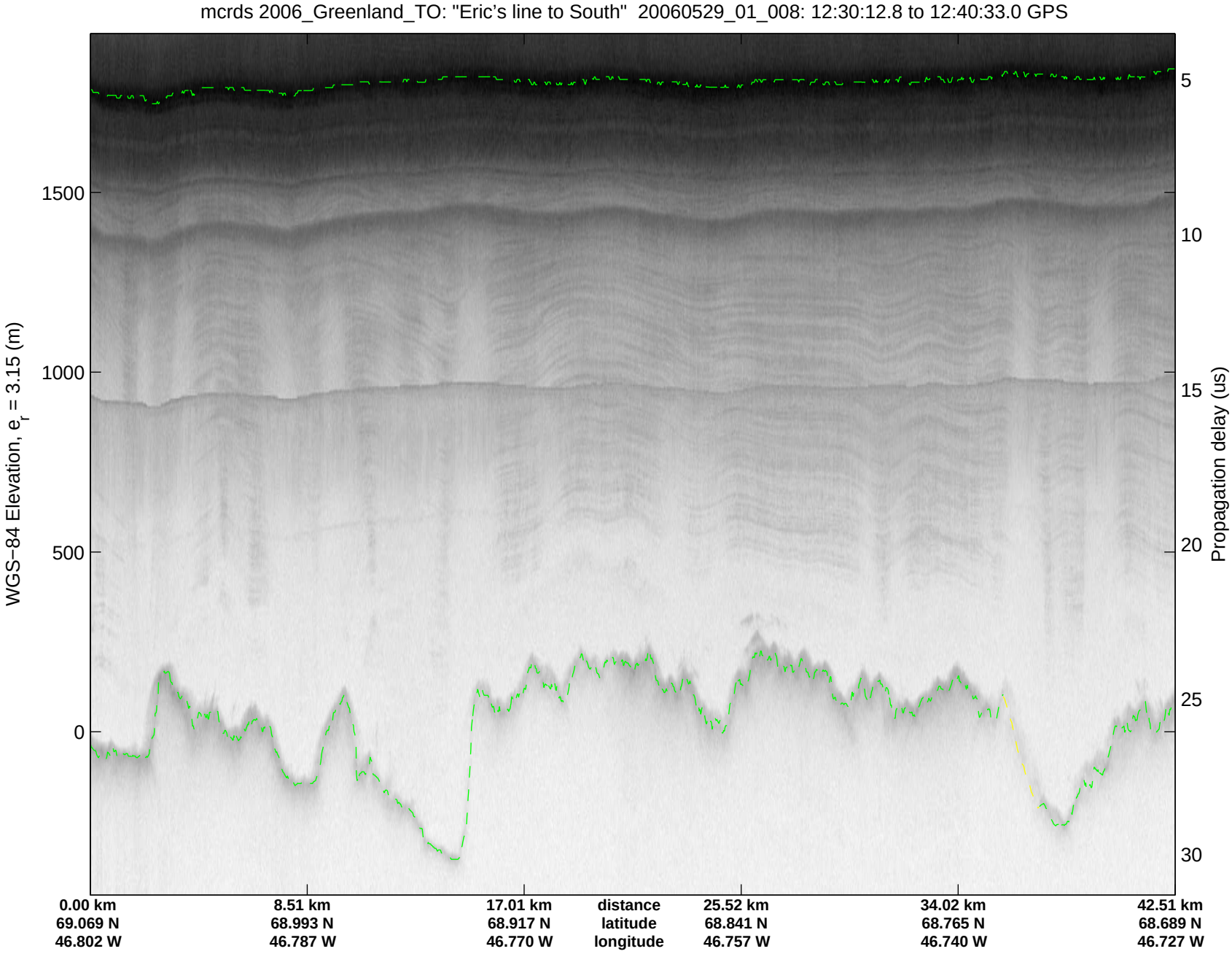

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_007: 12:19:59.0 to 12:30:12.3 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
−500
Propagation delay (us)
5
10
15
20
25
30
35
0.00 km
69.437 N
46.898 W
8.26 km
69.365 N
46.862 W
16.51 km
69.291 N
46.847 W
distance
latitude
longitude
24.78 km
69.217 N
46.831 W
33.03 km
69.143 N
46.818 W
41.28 km
69.070 N
46.802 W

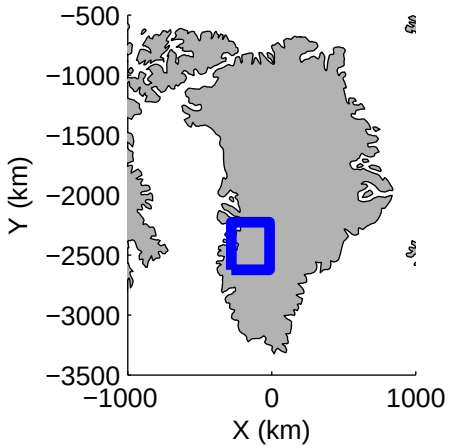

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

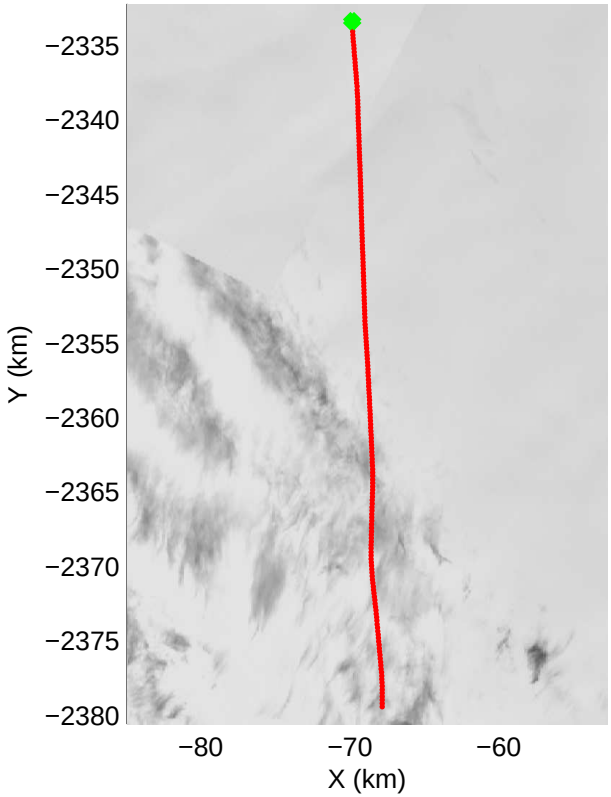

−2290
−2295
−2300
−2305
−2310
−2315
−2320
−2325
−2330
Y (km)
−85
−80
−75
−70
−65
−60
X (km)

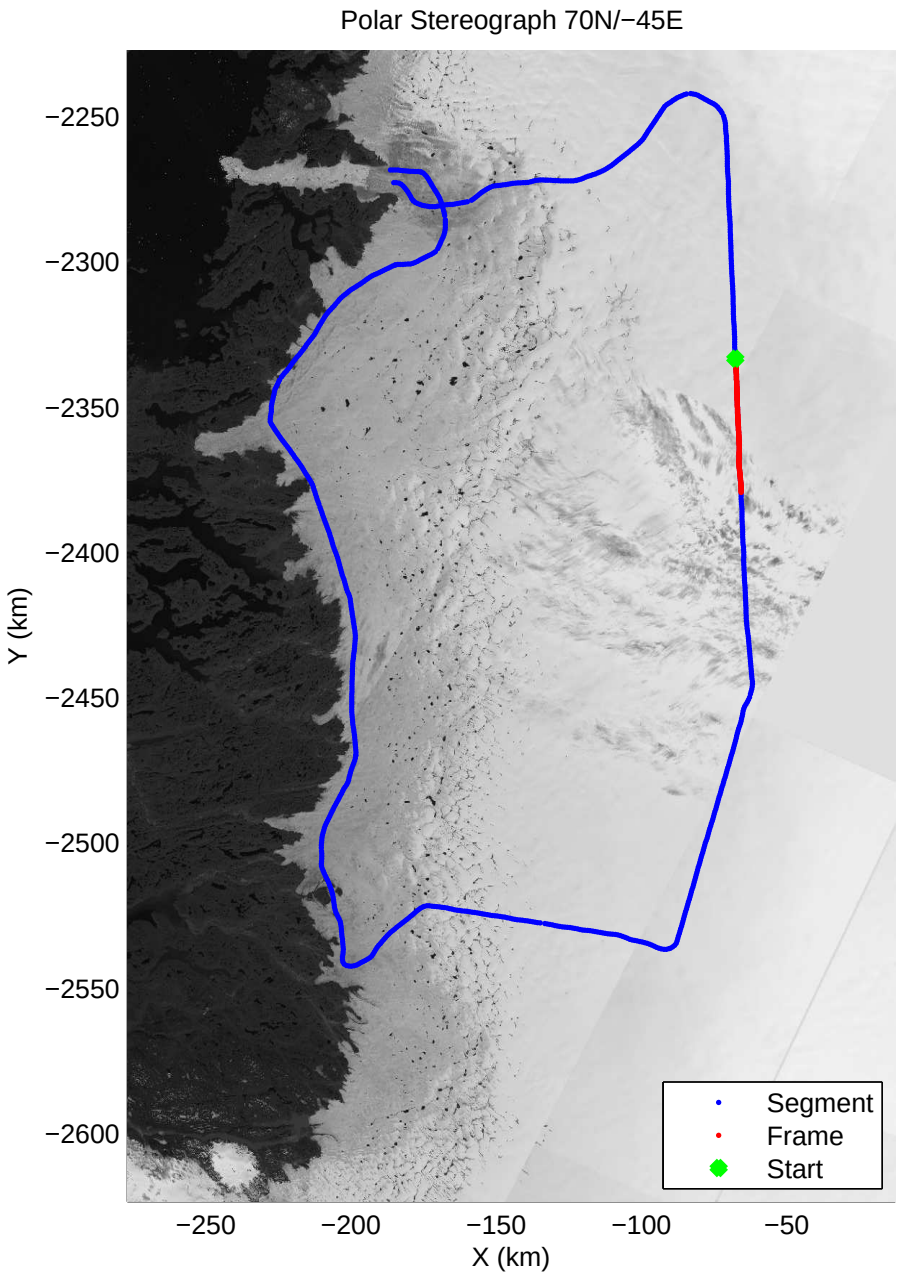

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

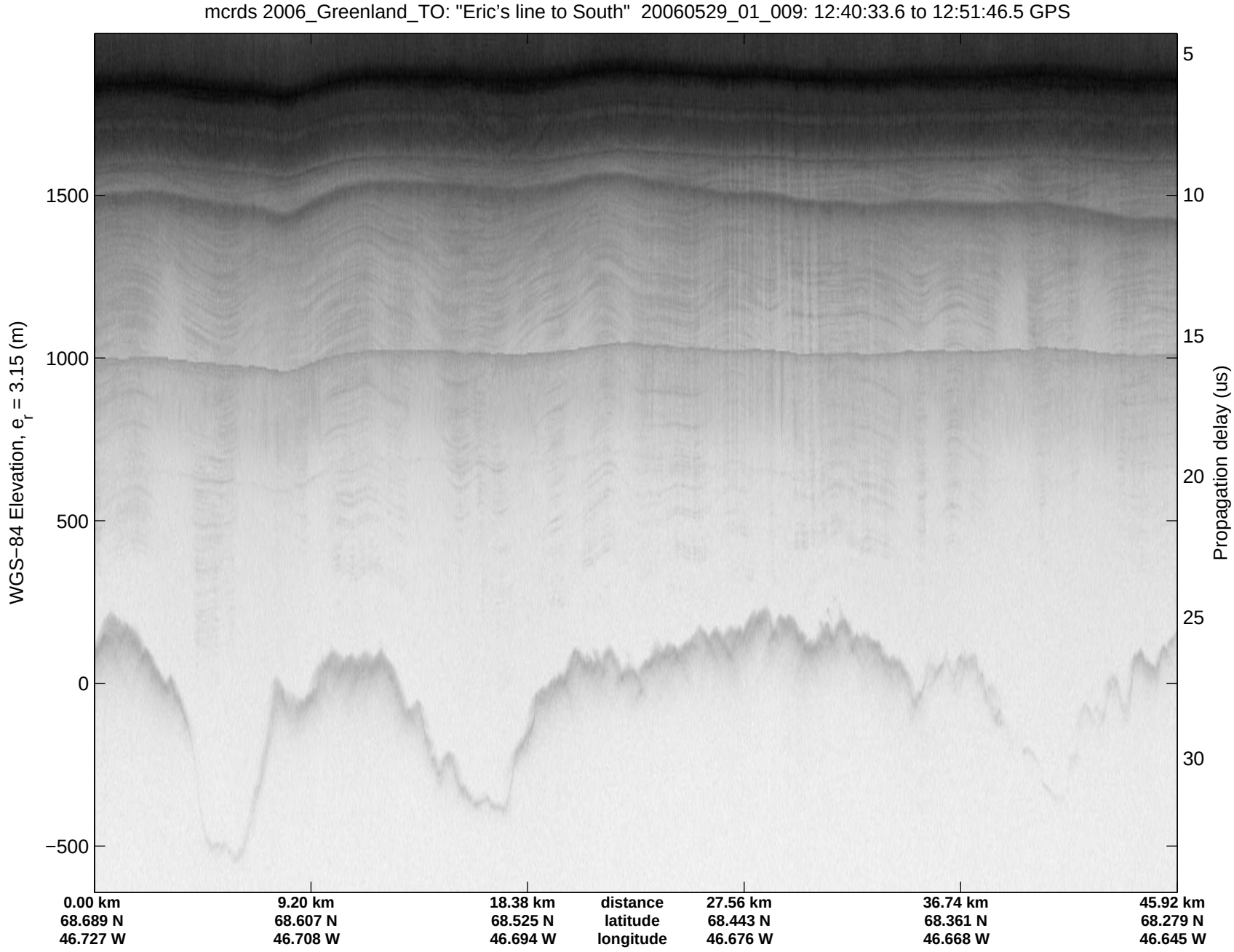

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_008: 12:30:12.8 to 12:40:33.0 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
Propagation delay (us)
5
10
15
20
25
30
0.00 km
69.069 N
46.802 W
8.51 km
68.993 N
46.787 W
17.01 km
68.917 N
46.770 W
distance
latitude
longitude
25.52 km
68.841 N
46.757 W
34.02 km
68.765 N
46.740 W
42.51 km
68.689 N
46.727 W

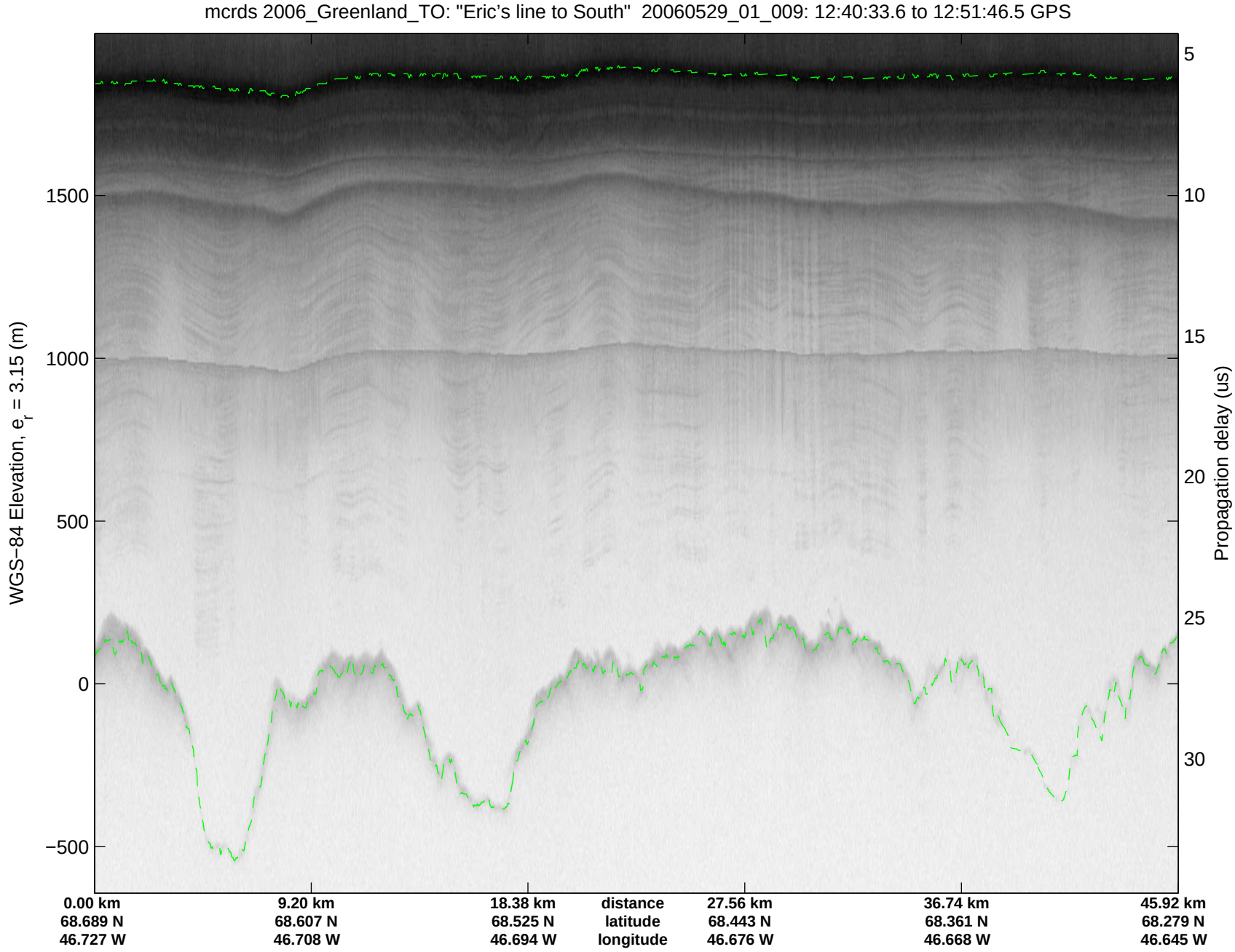

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_008: 12:30:12.8 to 12:40:33.0 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
5
10
15
20
25
30
Propagation delay (us)
0.00 km
69.069 N
46.802 W
8.51 km
68.993 N
46.787 W
17.01 km
68.917 N
46.770 W
distance
latitude
longitude
25.52 km
68.841 N
46.757 W
34.02 km
68.765 N
46.740 W
42.51 km
68.689 N
46.727 W

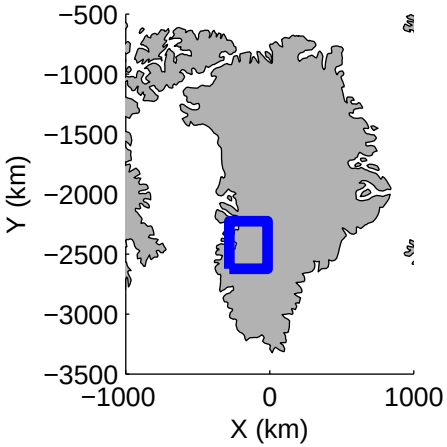

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

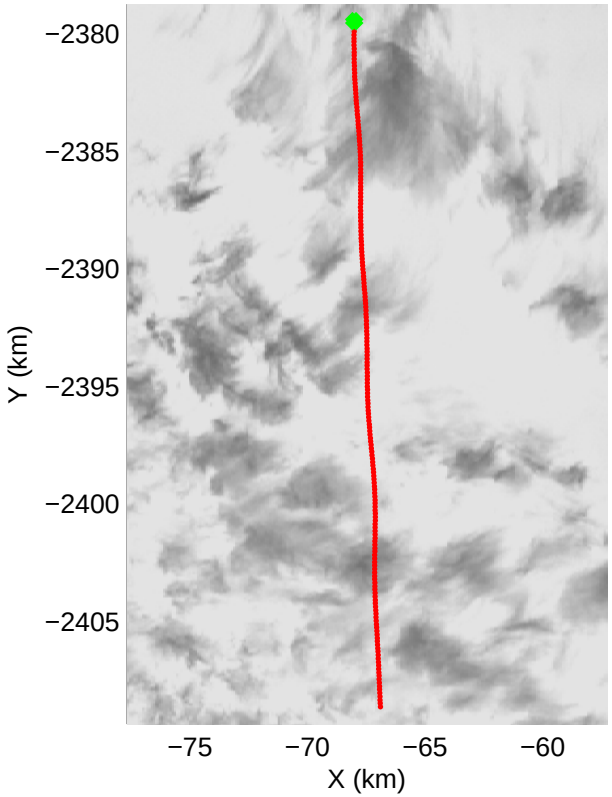

−2335
−2340
−2345
−2350
−2355
−2360
−2365
−2370
−2375
−2380
Y (km)
−80
−70
−60
X (km)

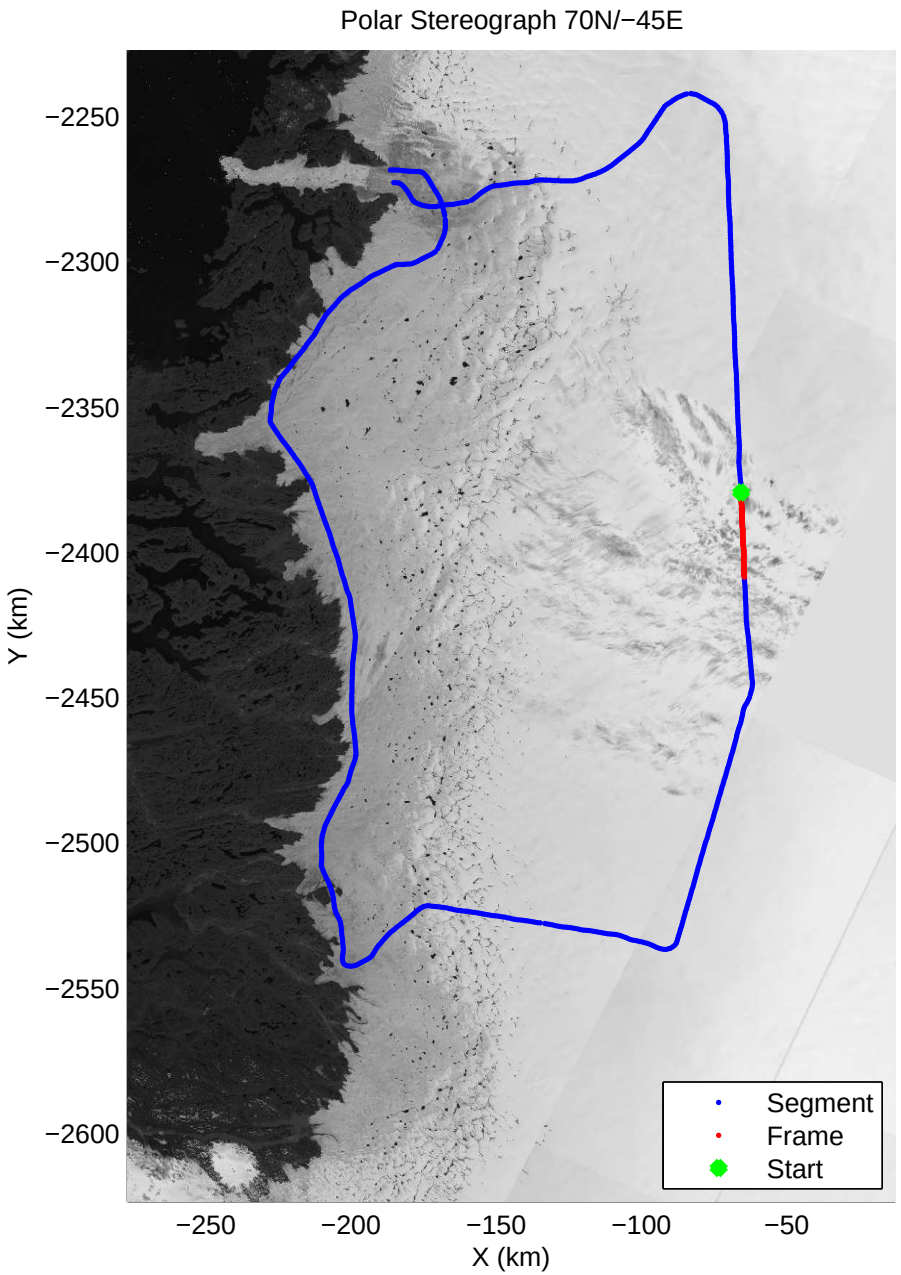

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

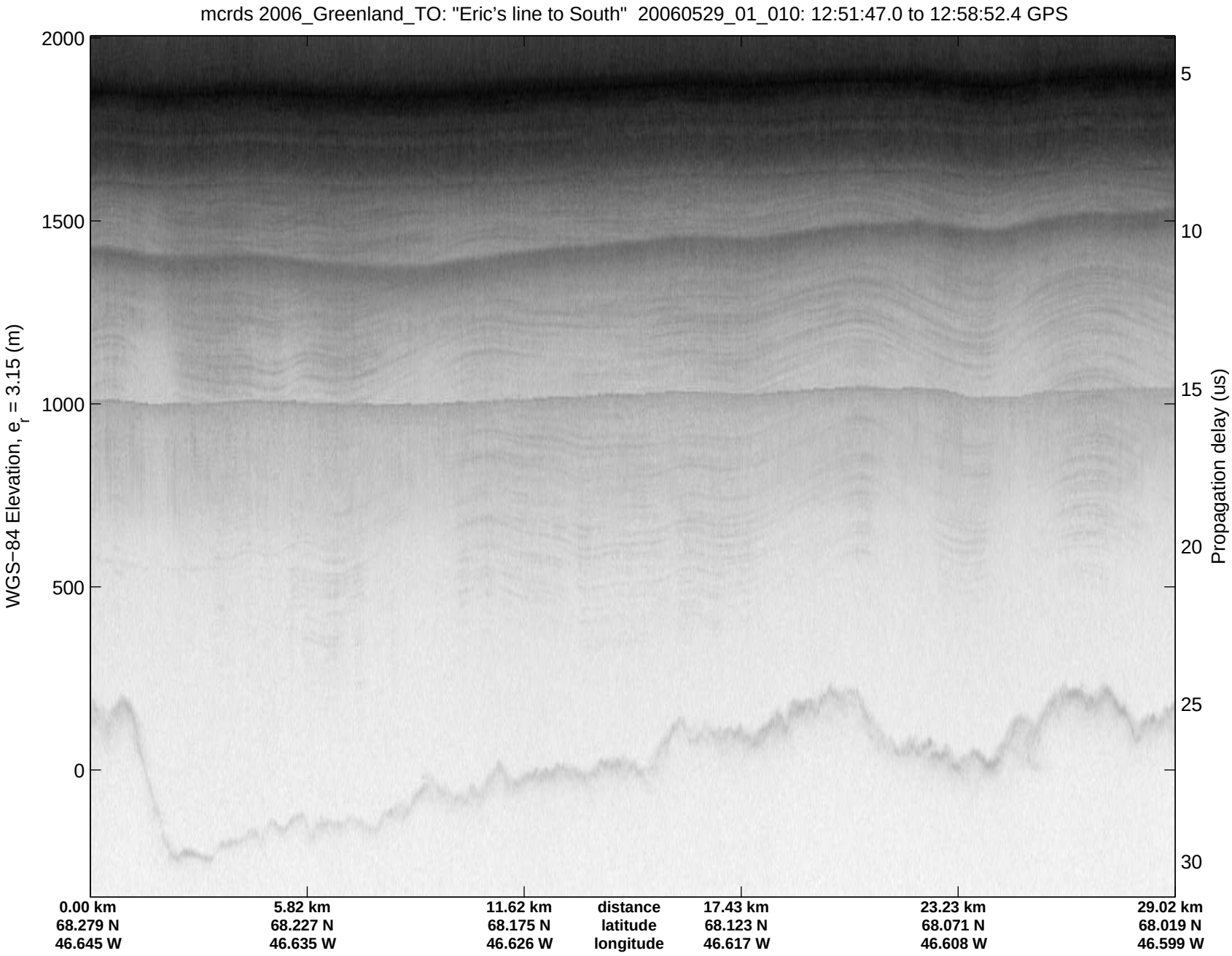

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_009: 12:40:33.6 to 12:51:46.5 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
−500
Propagation delay (us)
5
10
15
20
25
30
0.00 km
68.689 N
46.727 W
9.20 km
68.607 N
46.708 W
18.38 km
68.525 N
46.694 W
distance
latitude
longitude
27.56 km
68.443 N
46.676 W
36.74 km
68.361 N
46.668 W
45.92 km
68.279 N
46.645 W

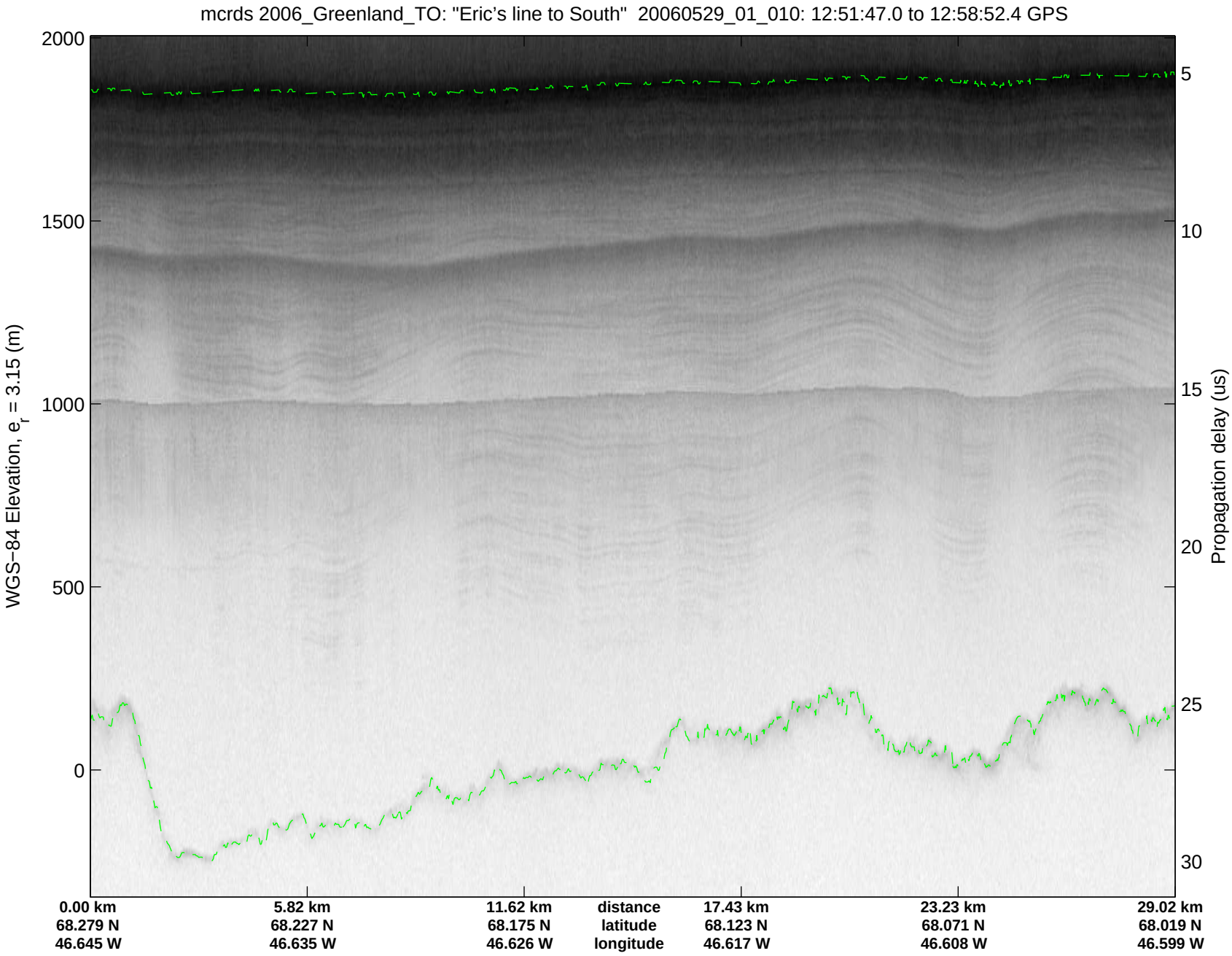

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_009: 12:40:33.6 to 12:51:46.5 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1500
1000
500
0
−500
5
10
15
20
25
30
Propagation delay (us)
0.00 km
68.689 N
46.727 W
9.20 km
68.607 N
46.708 W
18.38 km
68.525 N
46.694 W
distance
latitude
longitude
27.56 km
68.443 N
46.676 W
36.74 km
68.361 N
46.668 W
45.92 km
68.279 N
46.645 W

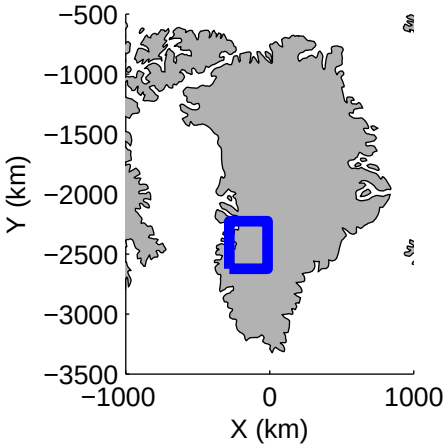

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

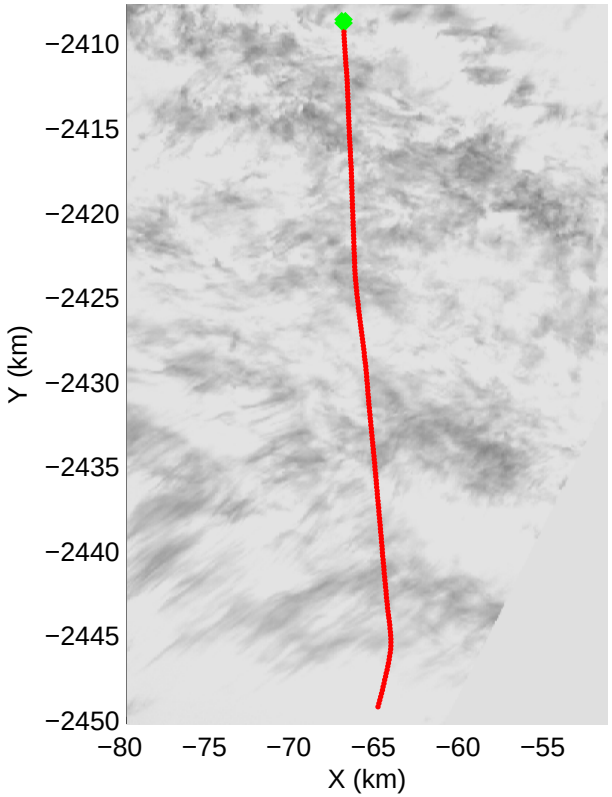

−2380
−2385
−2390
−2395
−2400
−2405
Y (km)
−75
−70
−65
−60
X (km)

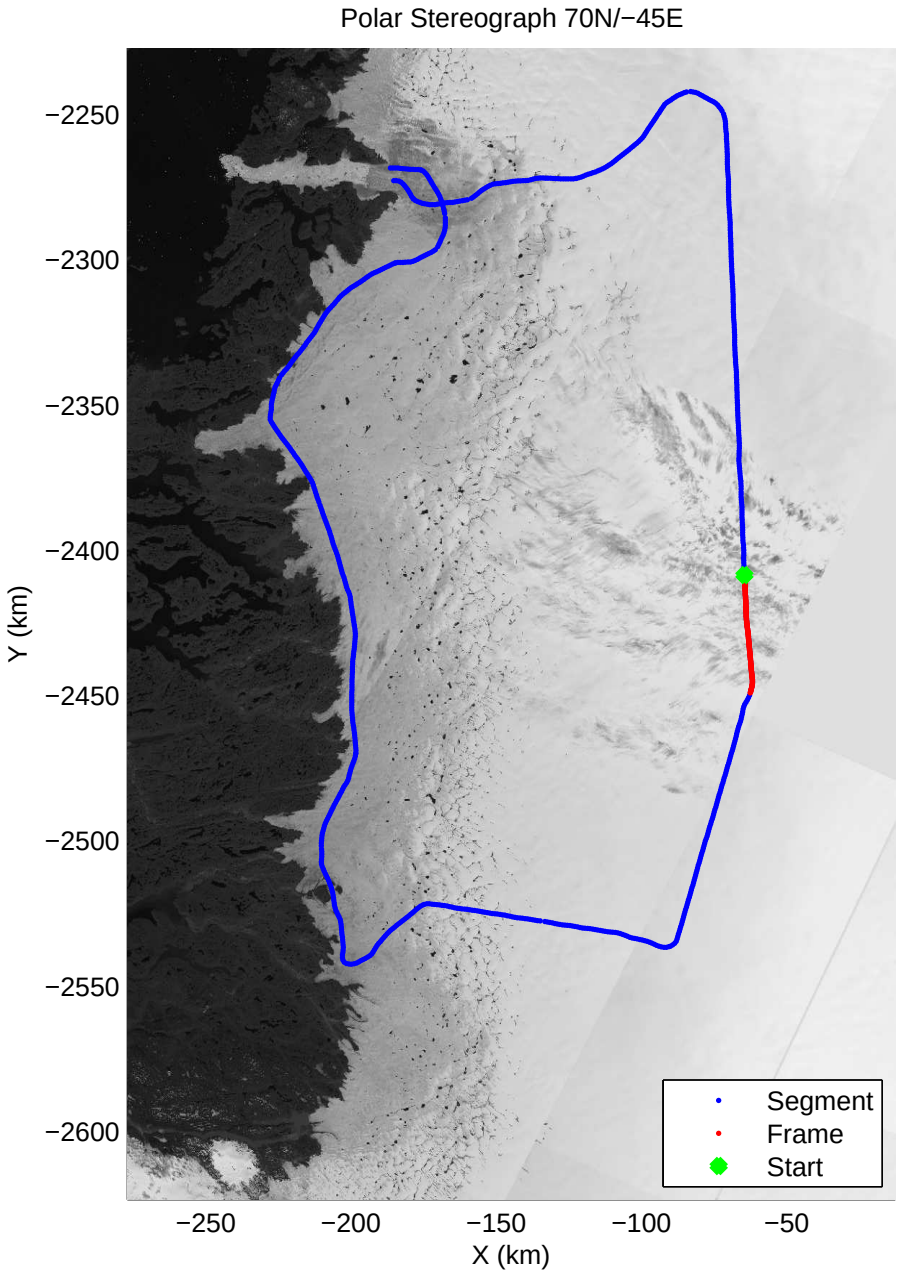

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

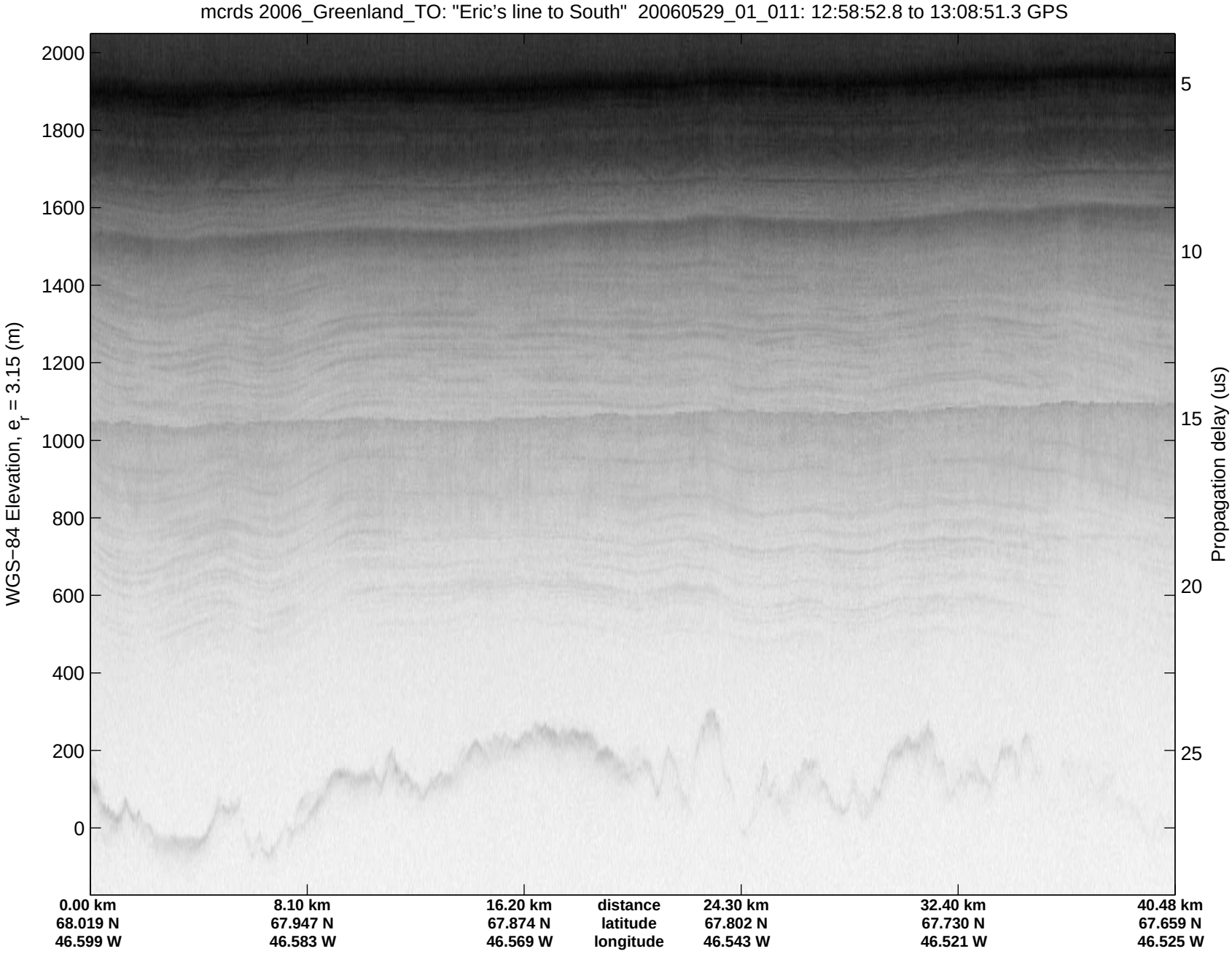

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_010: 12:51:47.0 to 12:58:52.4 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1500
1000
500
0
5
10
15
20
25
30
Propagation delay (us)
0.00 km
68.279 N
46.645 W
5.82 km
68.227 N
46.635 W
11.62 km
68.175 N
46.626 W
distance
latitude
longitude
17.43 km
68.123 N
46.617 W
23.23 km
68.071 N
46.608 W
29.02 km
68.019 N
46.599 W

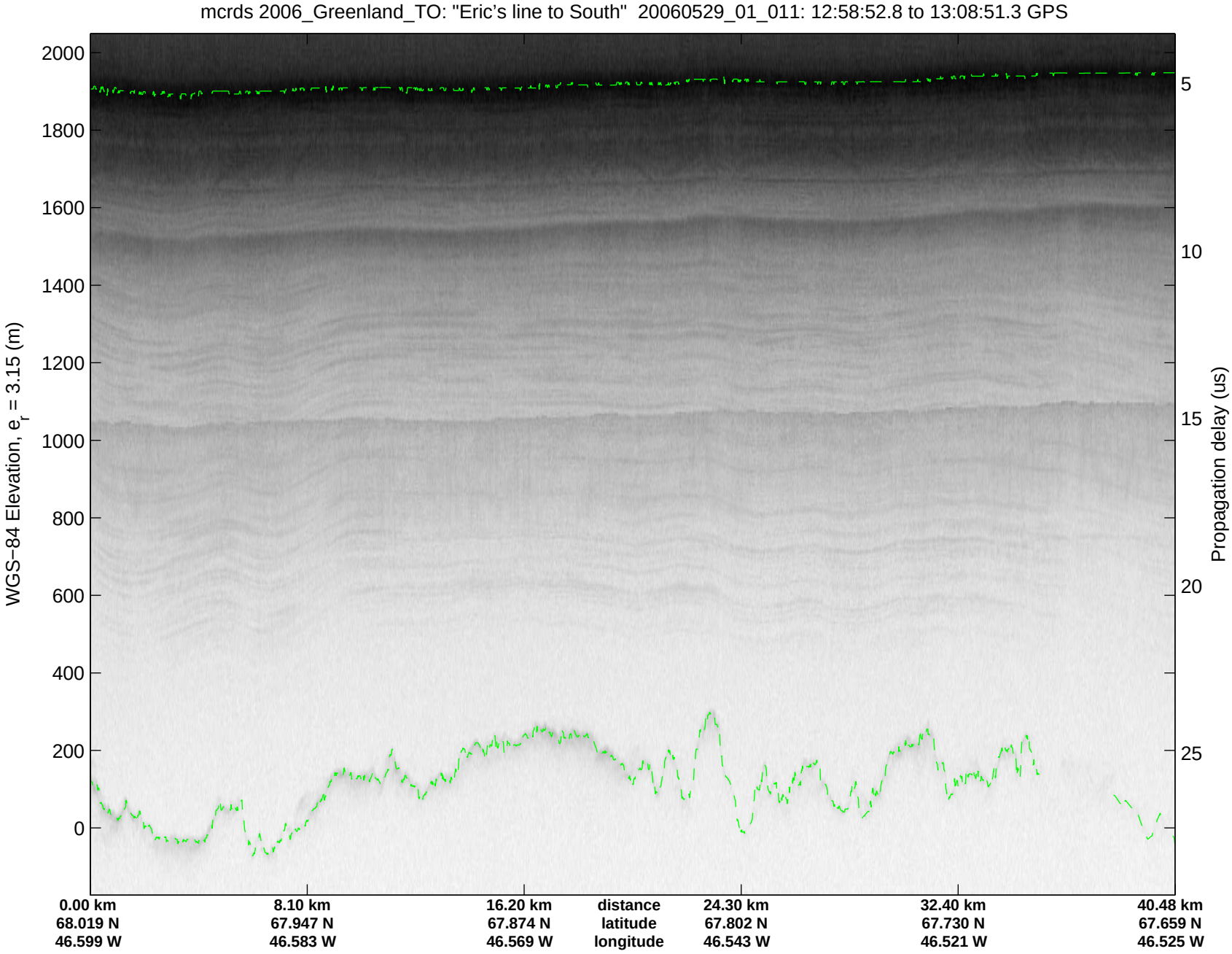

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_010: 12:51:47.0 to 12:58:52.4 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1500
1000
500
0
Propagation delay (us)
5
10
15
20
25
30
0.00 km
68.279 N
46.645 W
5.82 km
68.227 N
46.635 W
11.62 km
68.175 N
46.626 W
distance
latitude
longitude
17.43 km
68.123 N
46.617 W
23.23 km
68.071 N
46.608 W
29.02 km
68.019 N
46.599 W

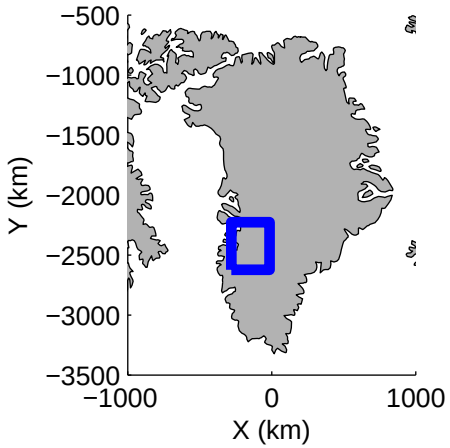

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

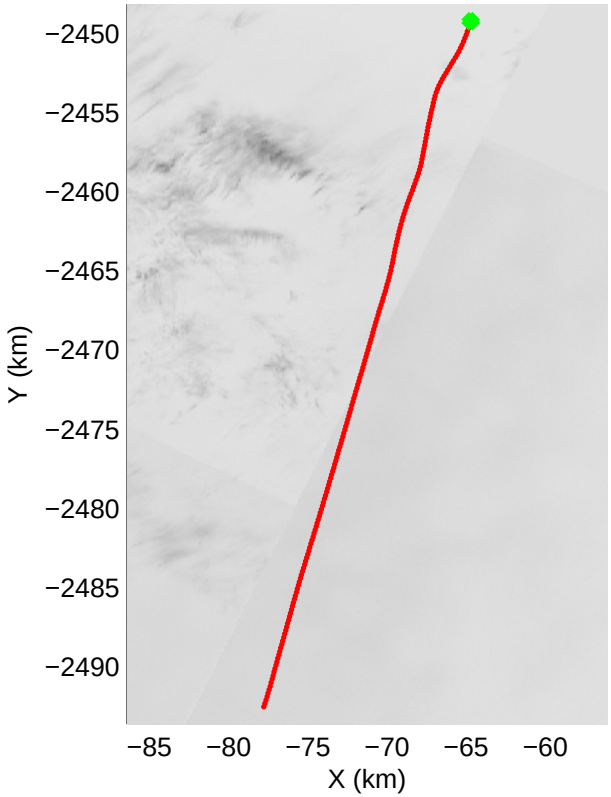

−2410
−2415
−2420
−2425
−2430
−2435
−2440
−2445
−2450
Y (km)
−80
−75
−70
−65
−60
−55
X (km)

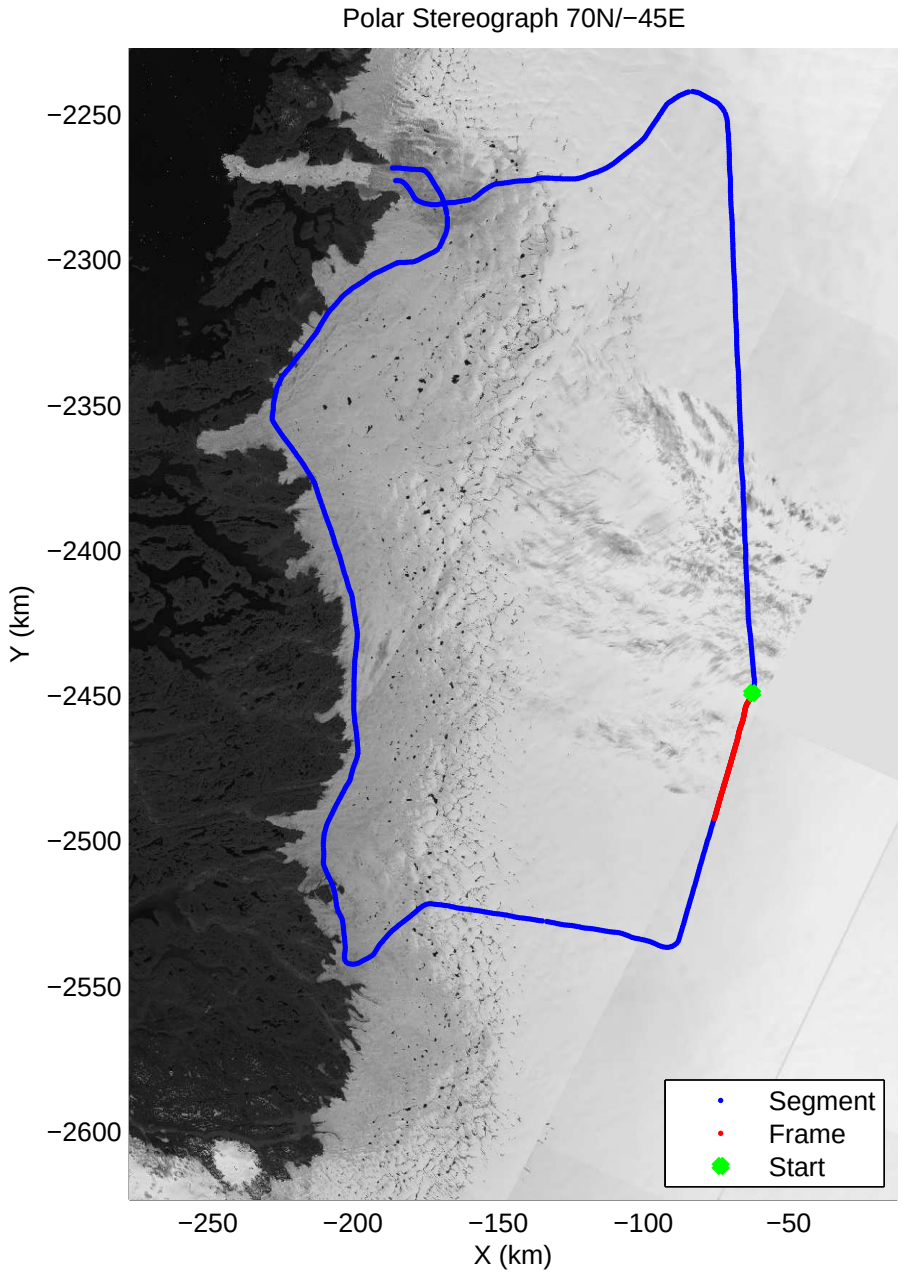

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

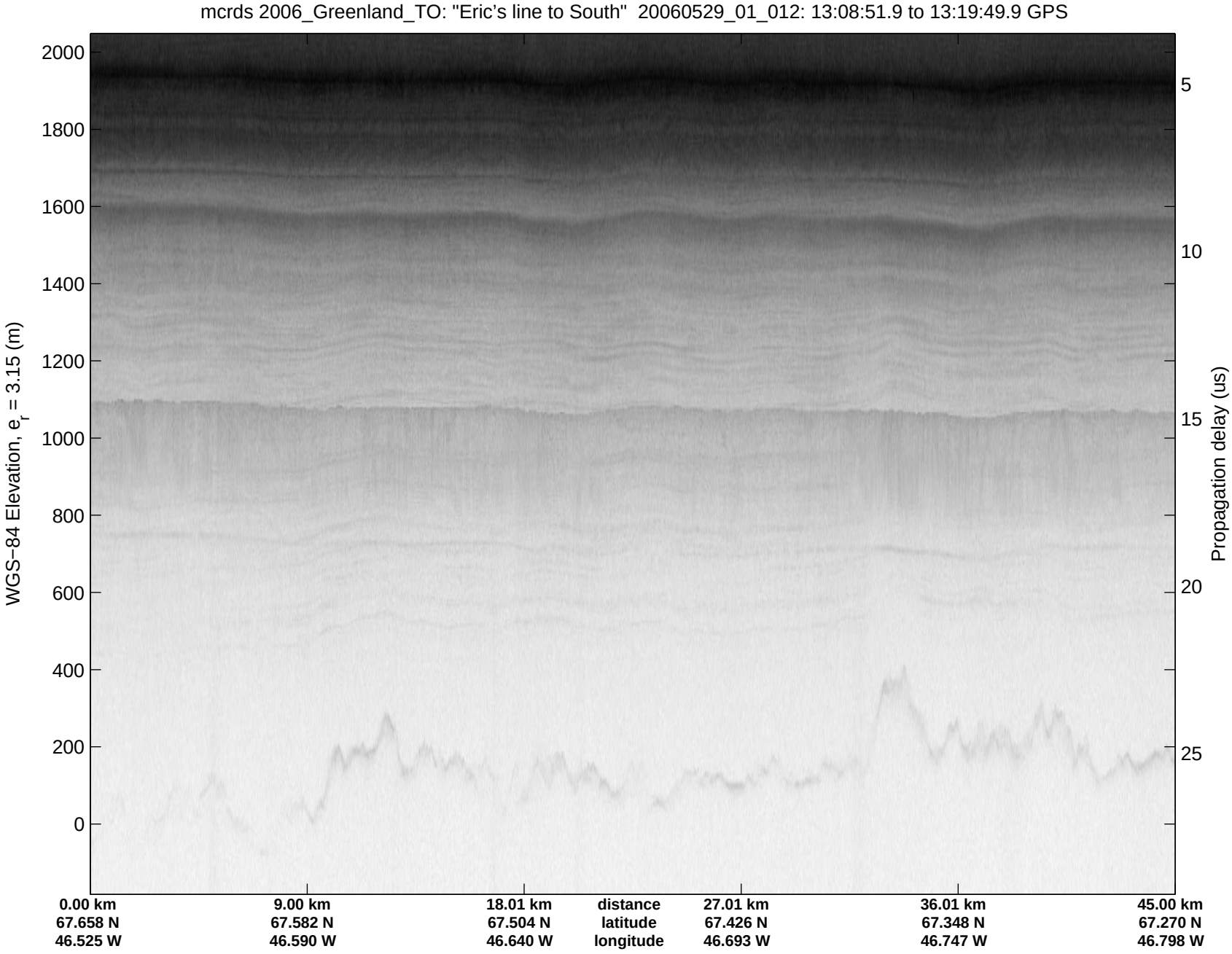

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_011: 12:58:52.8 to 13:08:51.3 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Propagation delay (us)
5
10
15
20
25
0.00 km
68.019 N
46.599 W
8.10 km
67.947 N
46.583 W
16.20 km
67.874 N
46.569 W
distance
latitude
longitude
24.30 km
67.802 N
46.543 W
32.40 km
67.730 N
46.521 W
40.48 km
67.659 N
46.525 W

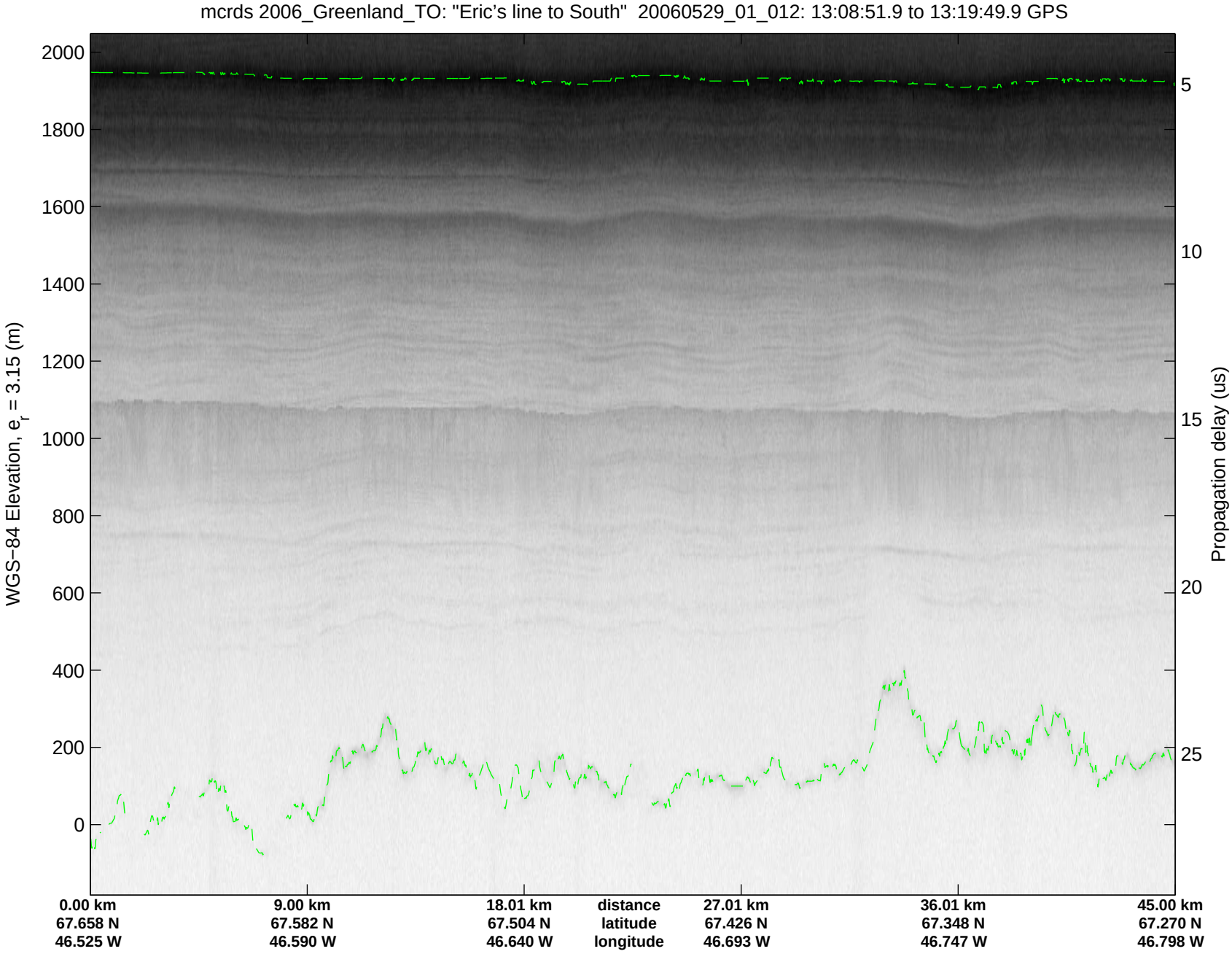

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_011: 12:58:52.8 to 13:08:51.3 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Propagation delay (us)
5
10
15
20
25
0.00 km
68.019 N
46.599 W
8.10 km
67.947 N
46.583 W
16.20 km
67.874 N
46.569 W
distance
latitude
longitude
24.30 km
67.802 N
46.543 W
32.40 km
67.730 N
46.521 W
40.48 km
67.659 N
46.525 W

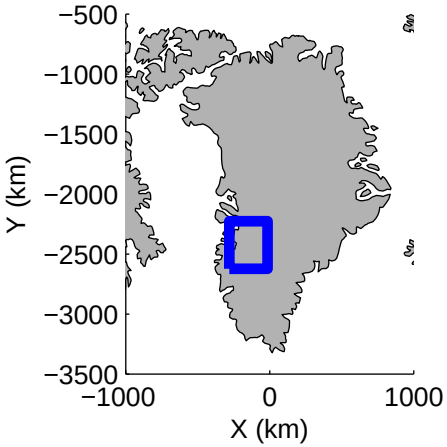

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

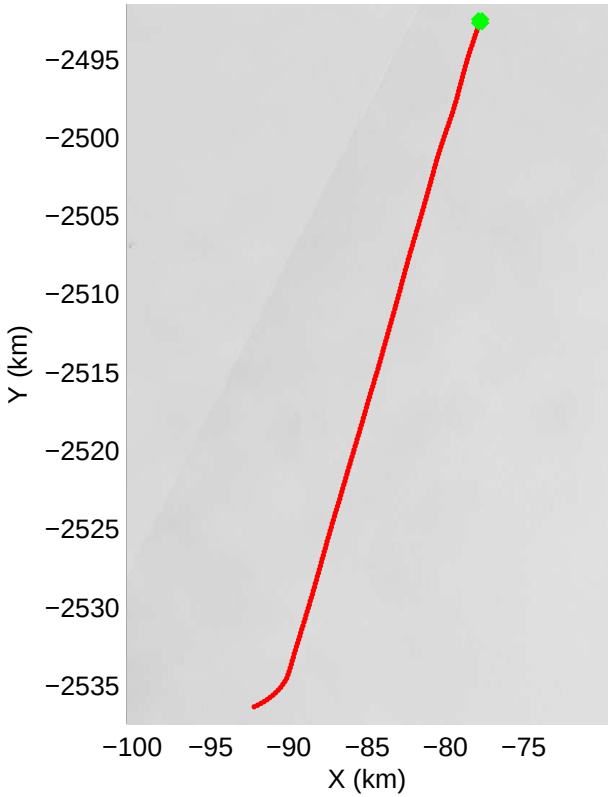

−2450
−2455
−2460
−2465
−2470
−2475
−2480
−2485
−2490
Y (km)
−85
−80
−75
−70
−65
−60
X (km)

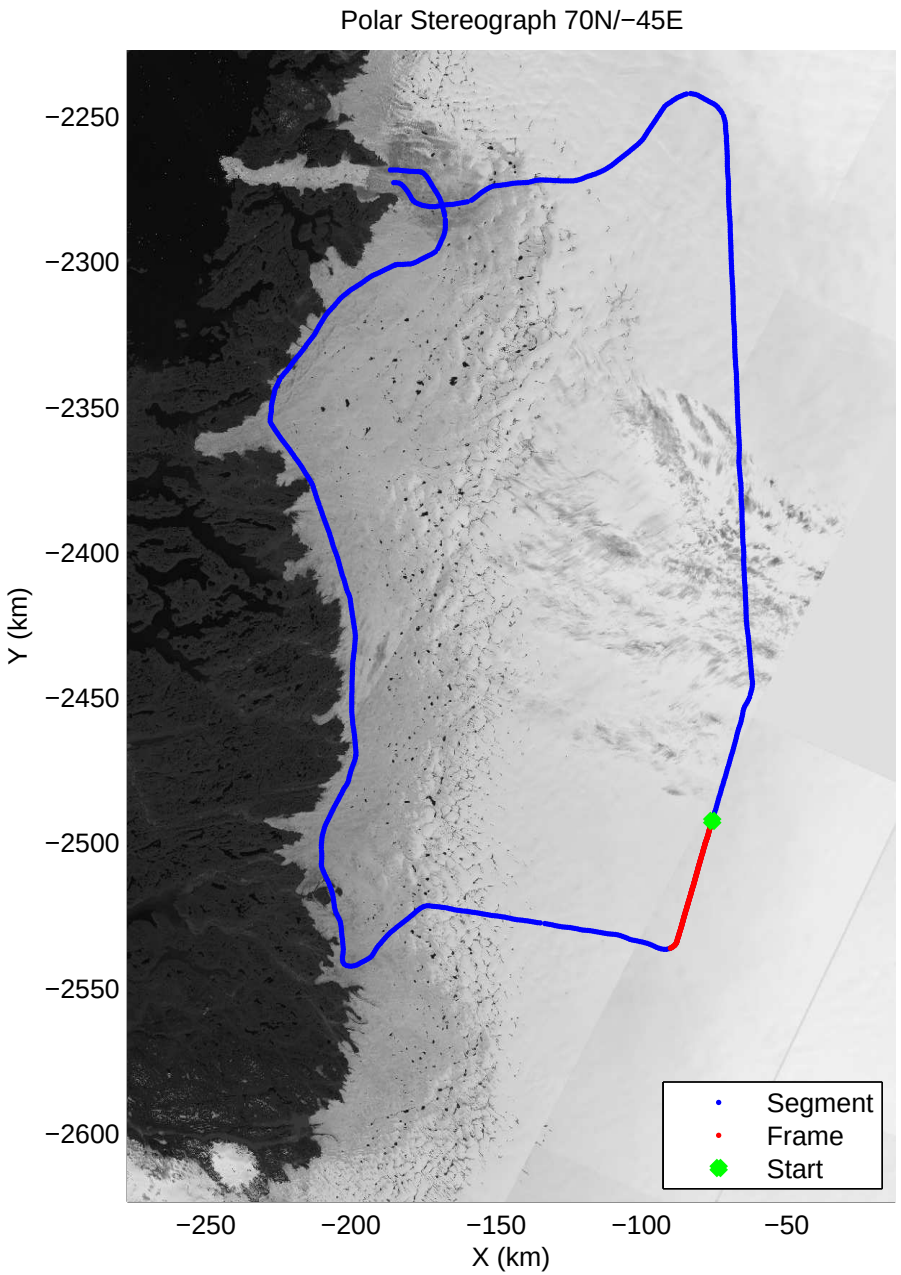

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

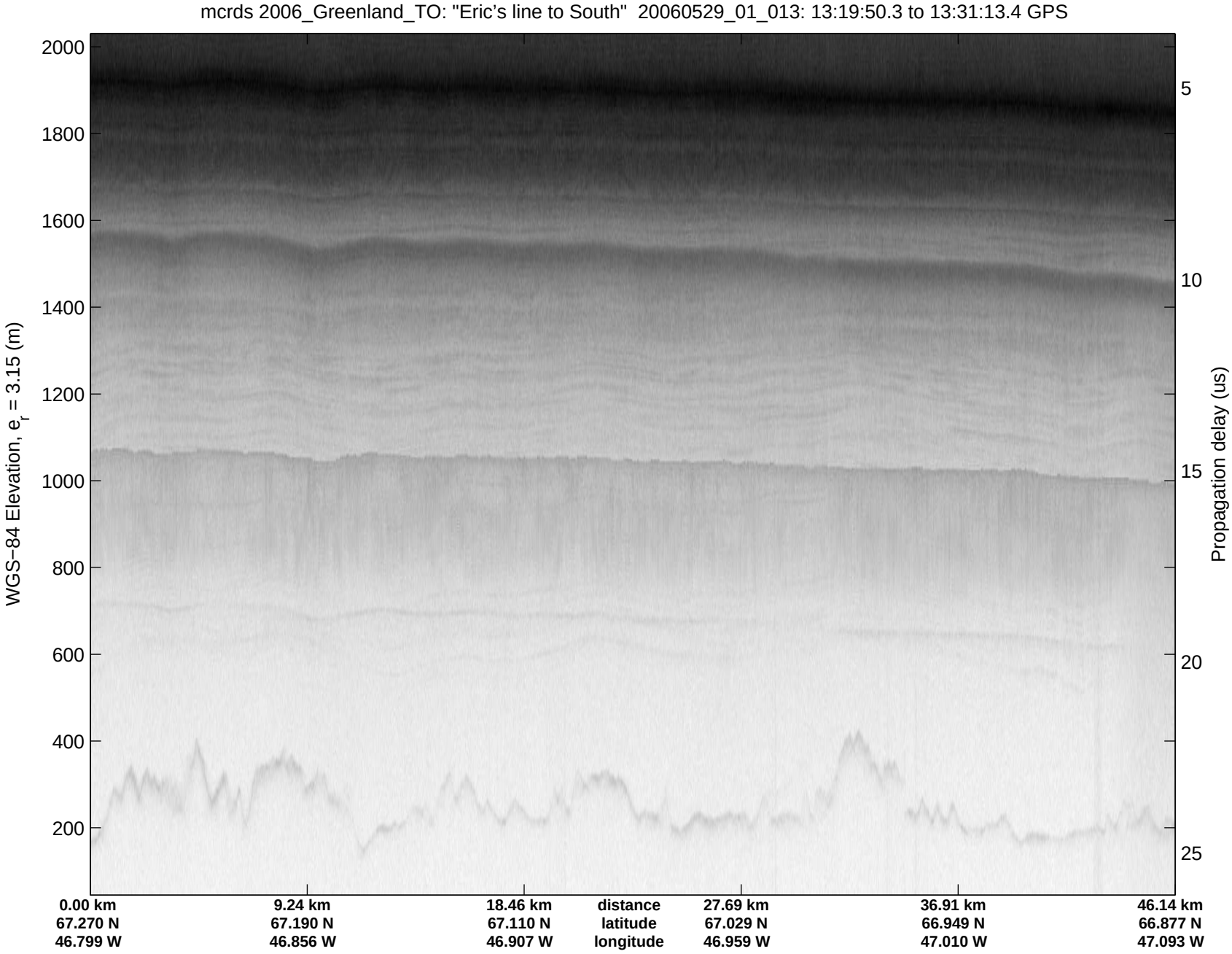

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_012: 13:08:51.9 to 13:19:49.9 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Propagation delay (us)
5
10
15
20
25
0.00 km
67.658 N
46.525 W
9.00 km
67.582 N
46.590 W
18.01 km
67.504 N
46.640 W
distance
latitude
longitude
27.01 km
67.426 N
46.693 W
36.01 km
67.348 N
46.747 W
45.00 km
67.270 N
46.798 W

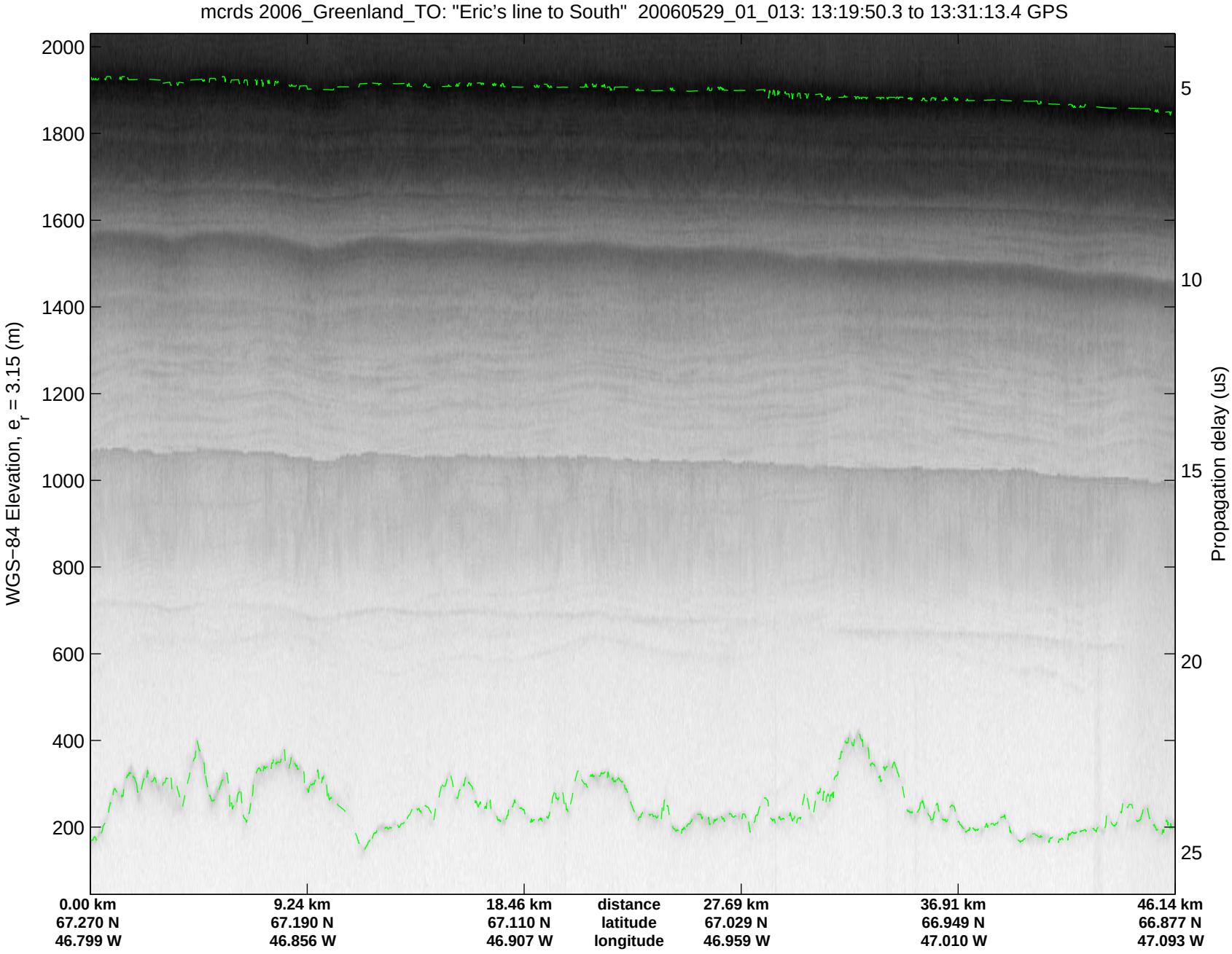

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_012: 13:08:51.9 to 13:19:49.9 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Propagation delay (us)
5
10
15
20
25
0.00 km
67.658 N
46.525 W
9.00 km
67.582 N
46.590 W
18.01 km
67.504 N
46.640 W
distance
latitude
longitude
27.01 km
67.426 N
46.693 W
36.01 km
67.348 N
46.747 W
45.00 km
67.270 N
46.798 W

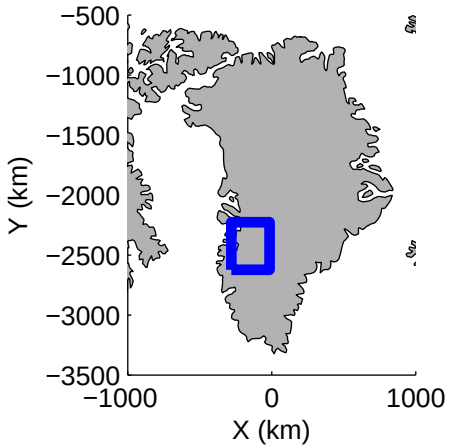

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

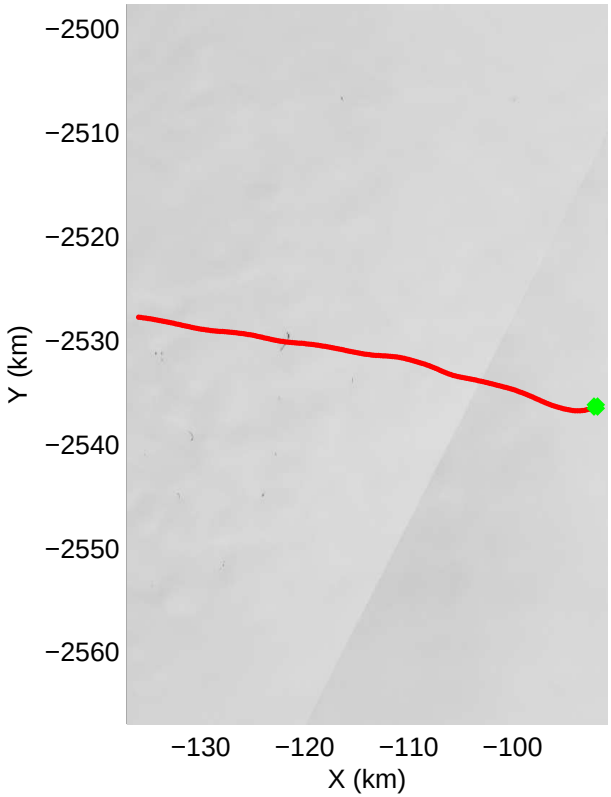

−2495
−2500
−2505
−2510
−2515
−2520
−2525
−2530
−2535
Y (km)
−100
−95
−90
−85
−80
−75
X (km)

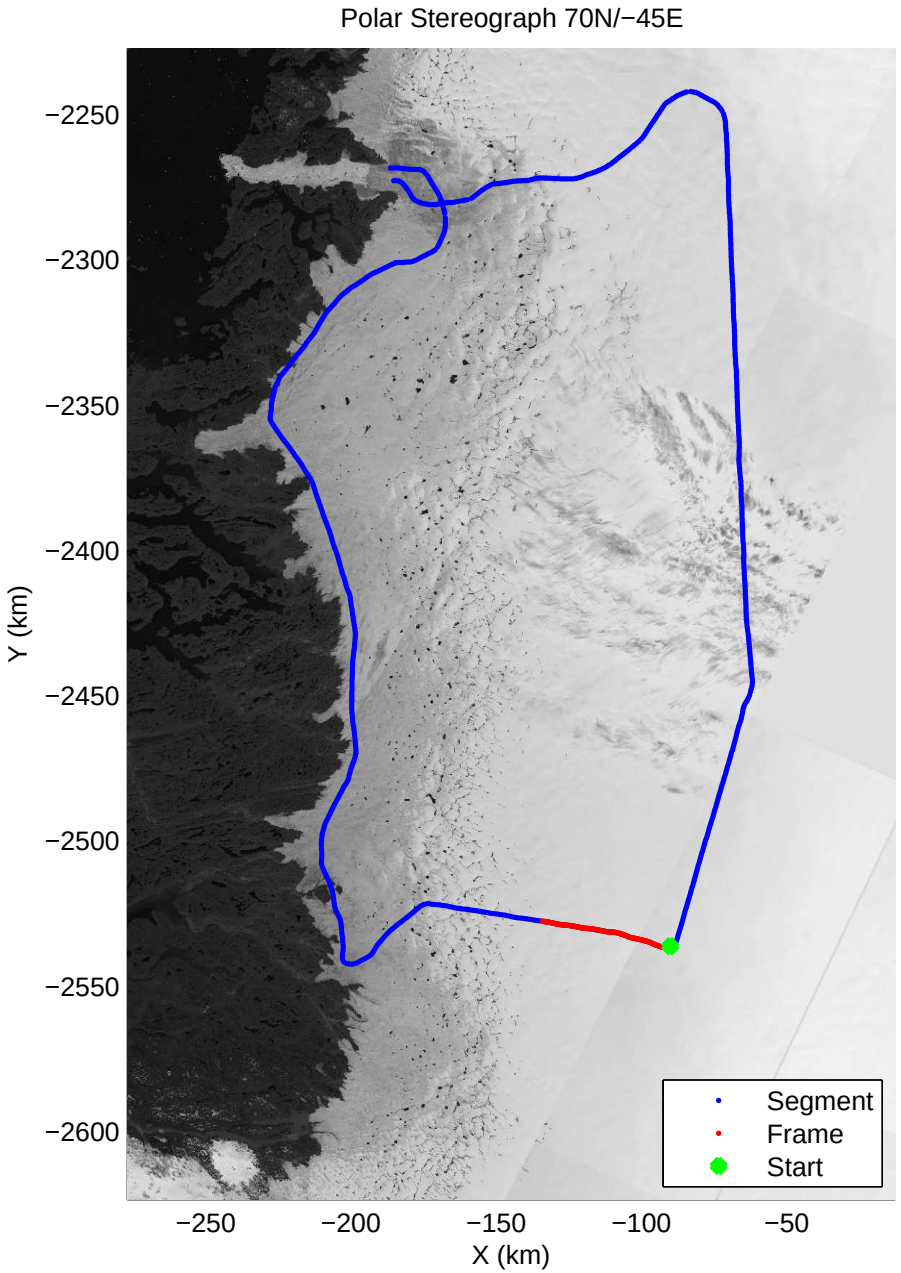

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

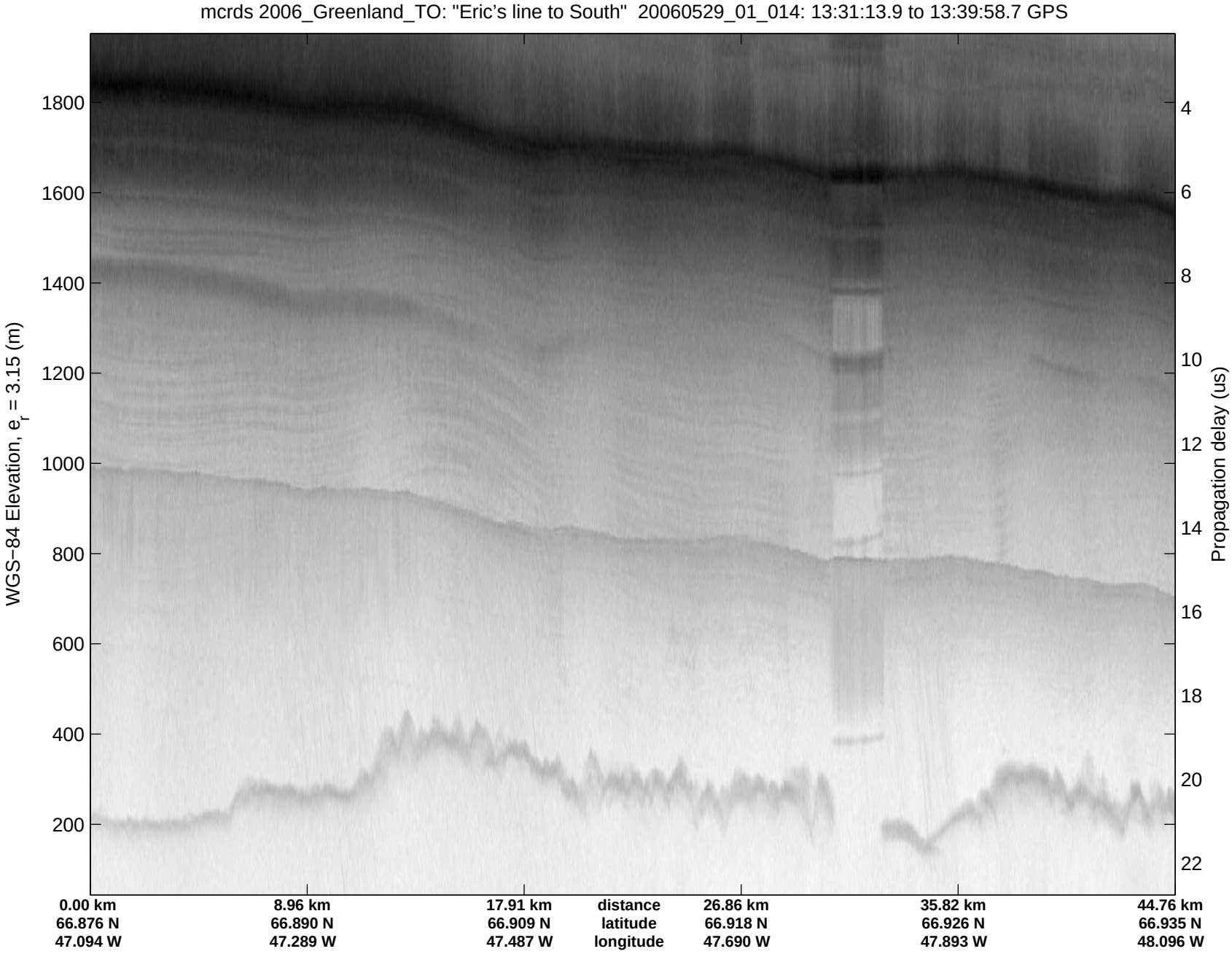

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_013: 13:19:50.3 to 13:31:13.4 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1800
1600
1400
1200
1000
800
600
400
200
Propagation delay (us)
5
10
15
20
25
0.00 km
67.270 N
46.799 W
9.24 km
67.190 N
46.856 W
18.46 km
67.110 N
46.907 W
distance
latitude
longitude
27.69 km
67.029 N
46.959 W
36.91 km
66.949 N
47.010 W
46.14 km
66.877 N
47.093 W

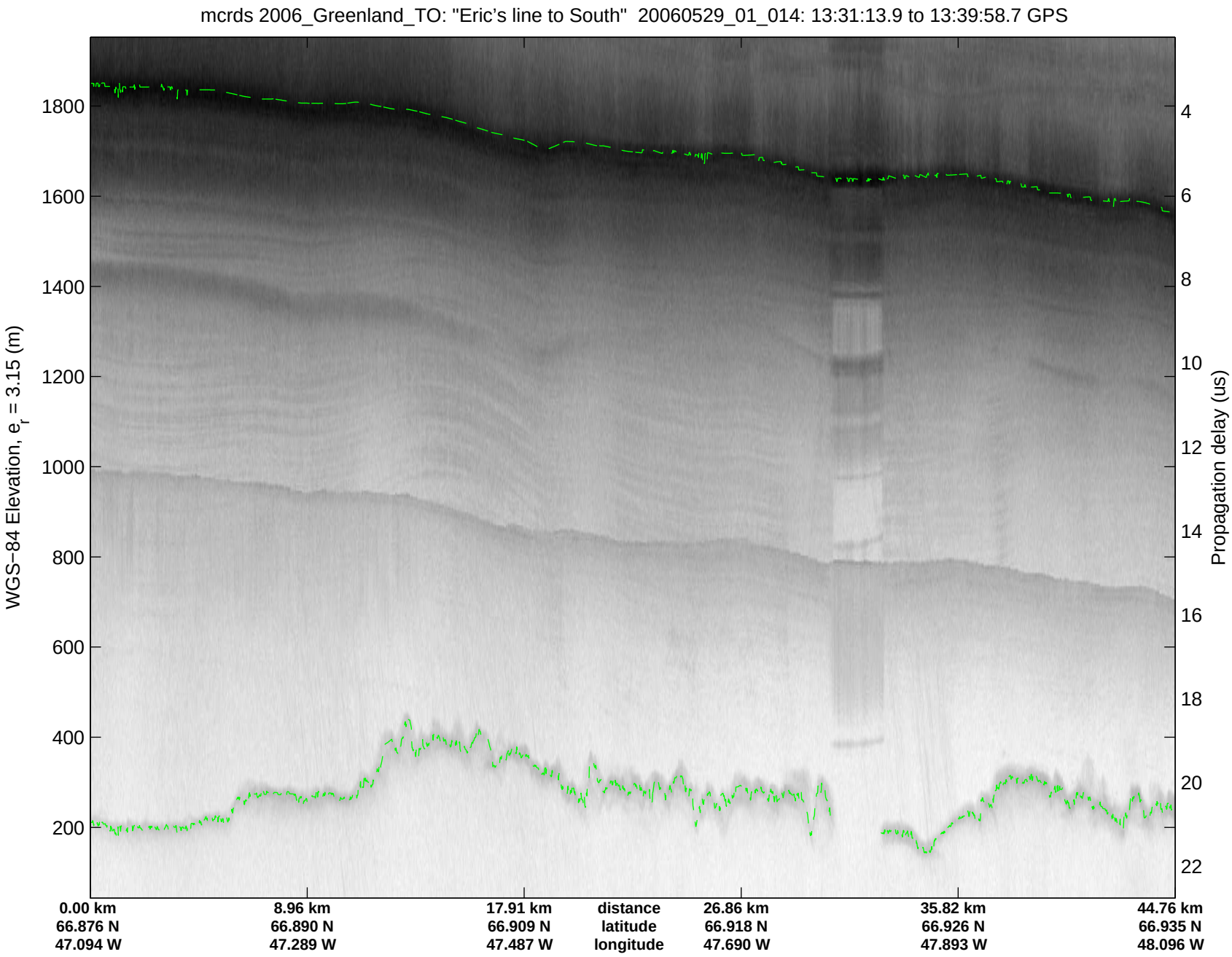

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_013: 13:19:50.3 to 13:31:13.4 GPS
WGS−84 Elevation, e_r = 3.15 (m)
2000
1800
1600
1400
1200
1000
800
600
400
200
Propagation delay (us)
5
10
15
20
25
0.00 km
67.270 N
46.799 W
9.24 km
67.190 N
46.856 W
18.46 km
67.110 N
46.907 W
distance
latitude
longitude
27.69 km
67.029 N
46.959 W
36.91 km
66.949 N
47.010 W
46.14 km
66.877 N
47.093 W

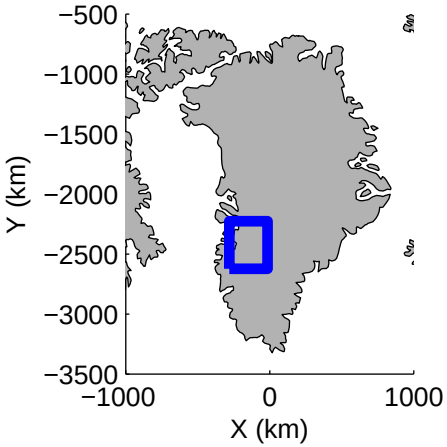

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

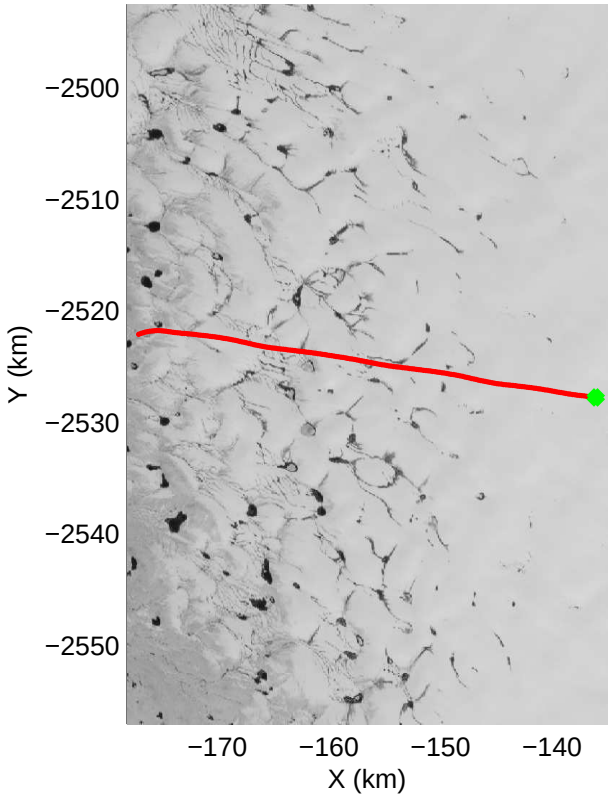

−2500
−2510
−2520
−2530
−2540
−2550
−2560
Y (km)
−130
−120
−110
−100
X (km)

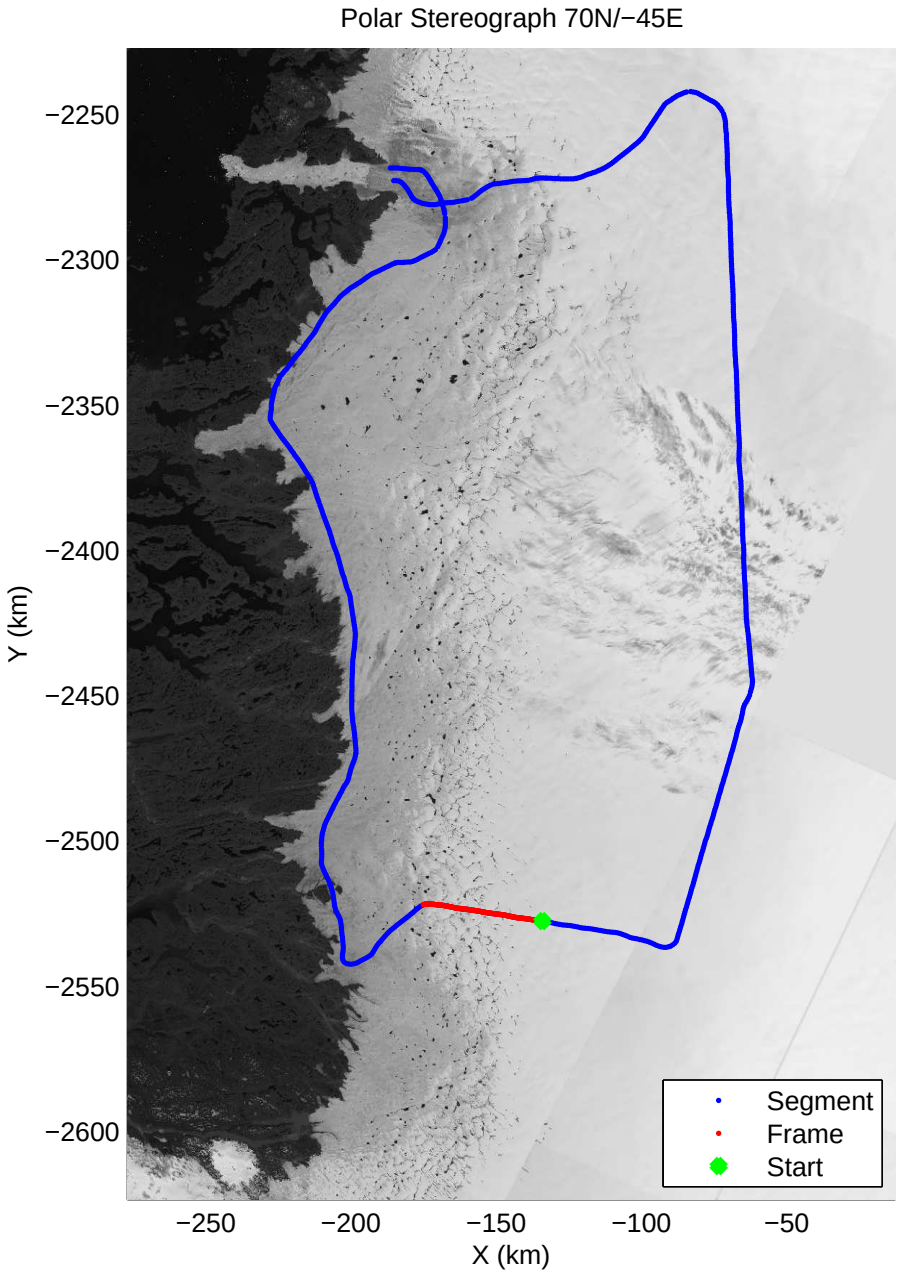

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

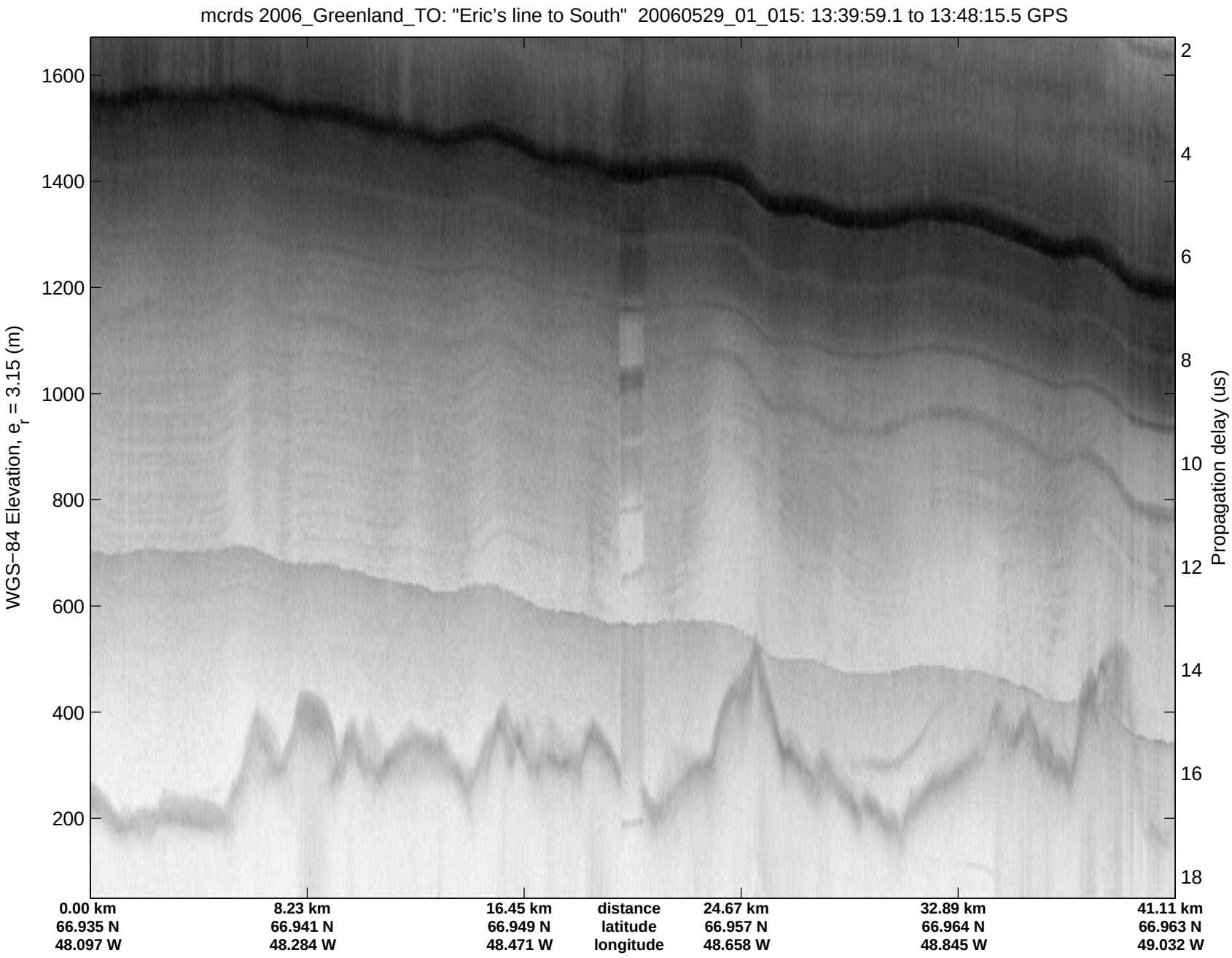

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_014: 13:31:13.9 to 13:39:58.7 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1800
1600
1400
1200
1000
800
600
400
200
Propagation delay (us)
4
6
8
10
12
14
16
18
20
22
0.00 km
66.876 N
47.094 W
8.96 km
66.890 N
47.289 W
17.91 km
66.909 N
47.487 W
distance
latitude
longitude
26.86 km
66.918 N
47.690 W
35.82 km
66.926 N
47.893 W
44.76 km
66.935 N
48.096 W

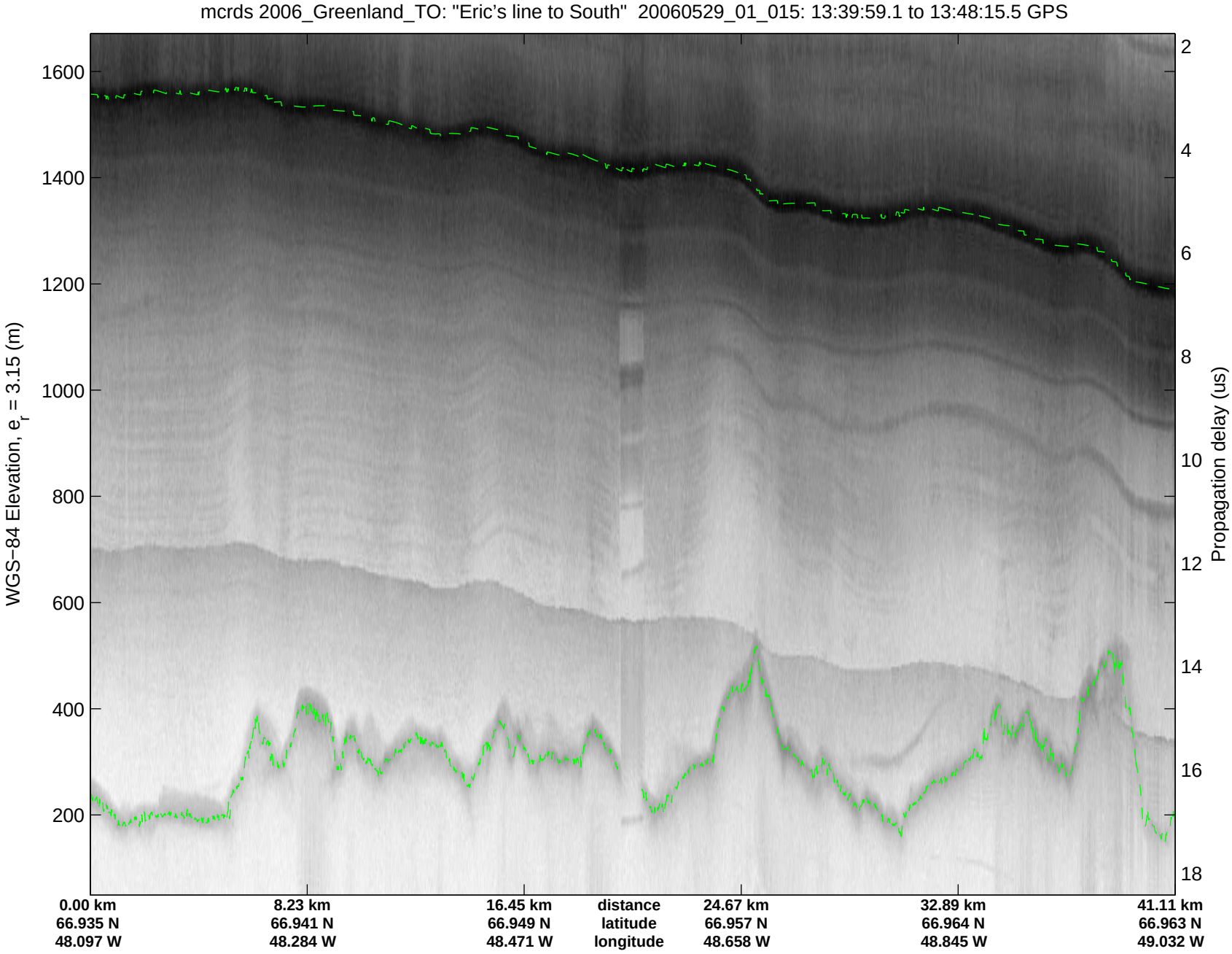

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_014: 13:31:13.9 to 13:39:58.7 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1800
1600
1400
1200
1000
800
600
400
200
Propagation delay (us)
4
6
8
10
12
14
16
18
20
22
0.00 km
66.876 N
47.094 W
8.96 km
66.890 N
47.289 W
17.91 km
66.909 N
47.487 W
distance
latitude
longitude
26.86 km
66.918 N
47.690 W
35.82 km
66.926 N
47.893 W
44.76 km
66.935 N
48.096 W

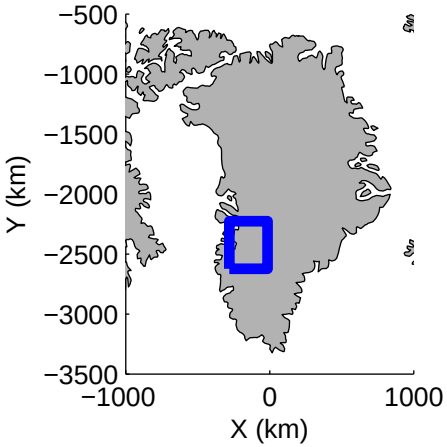

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

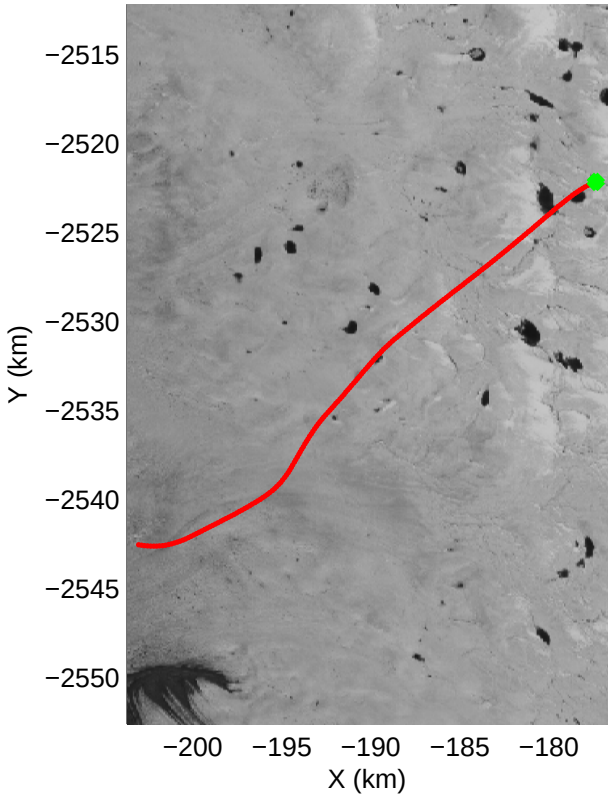

−2500
−2510
−2520
−2530
−2540
−2550
Y (km)
−170
−160
−150
−140
X (km)

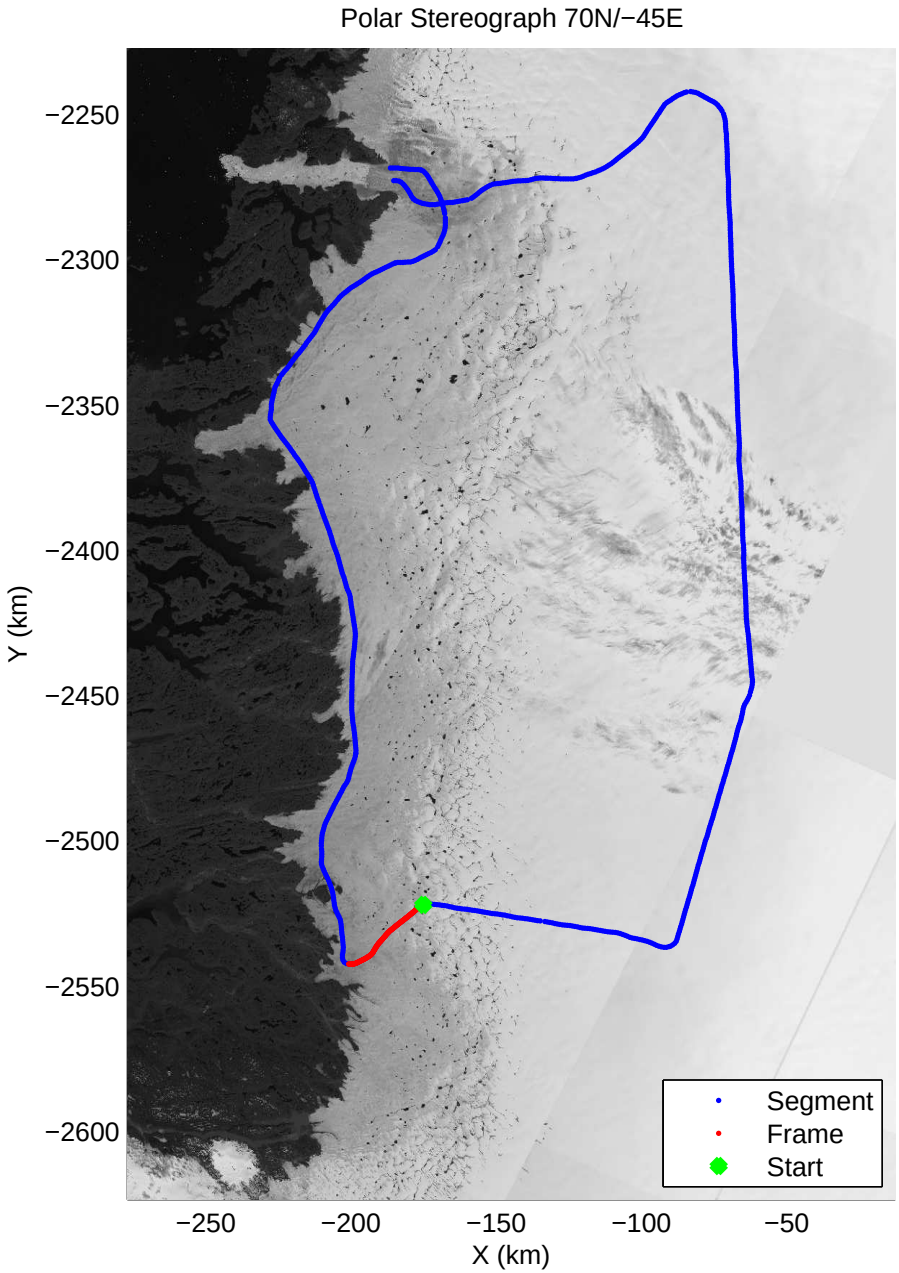

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

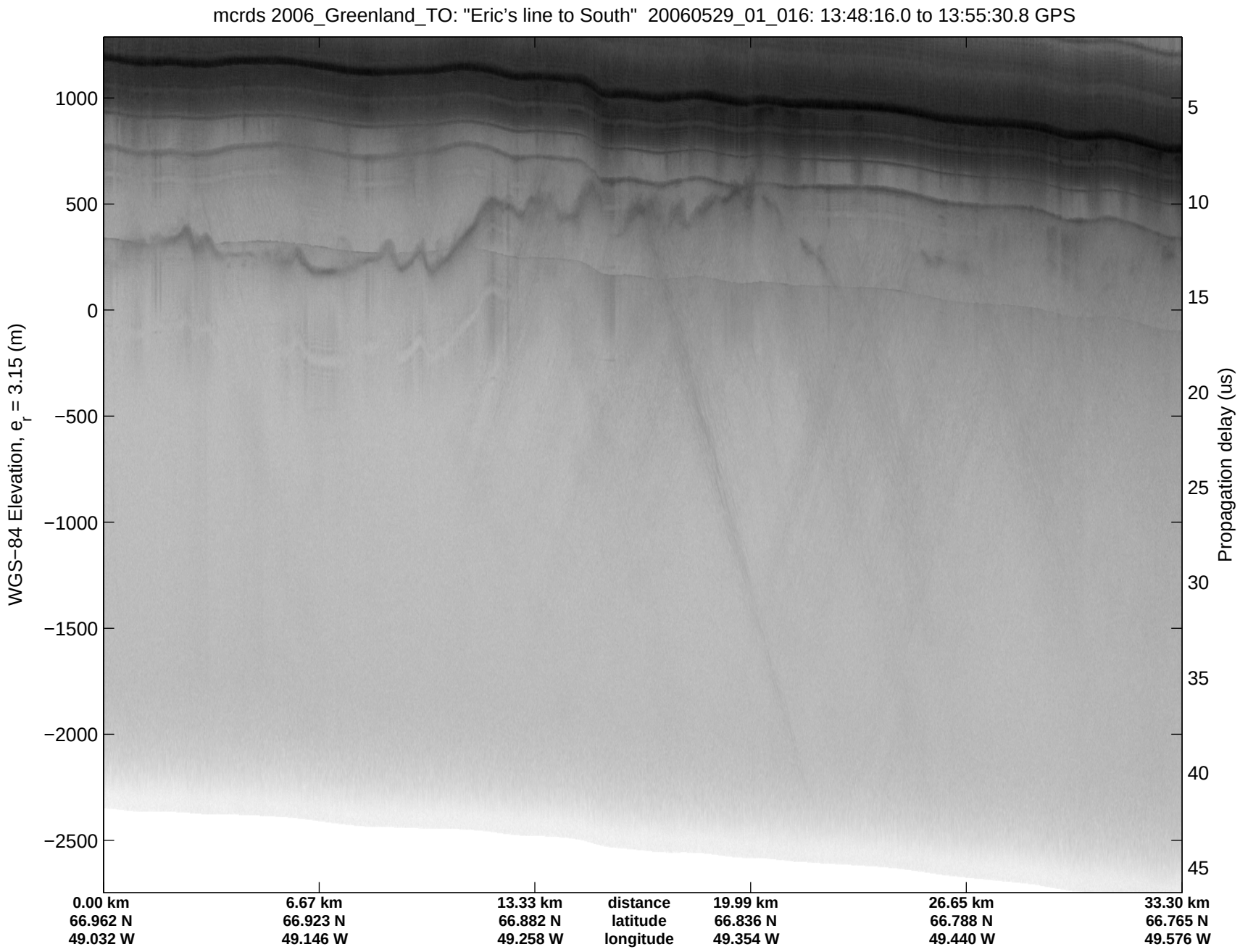

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_015: 13:39:59.1 to 13:48:15.5 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1600
1400
1200
1000
800
600
400
200
Propagation delay (us)
2
4
6
8
10
12
14
16
18
0.00 km
66.935 N
48.097 W
8.23 km
66.941 N
48.284 W
16.45 km
66.949 N
48.471 W
distance
latitude
longitude
24.67 km
66.957 N
48.658 W
32.89 km
66.964 N
48.845 W
41.11 km
66.963 N
49.032 W

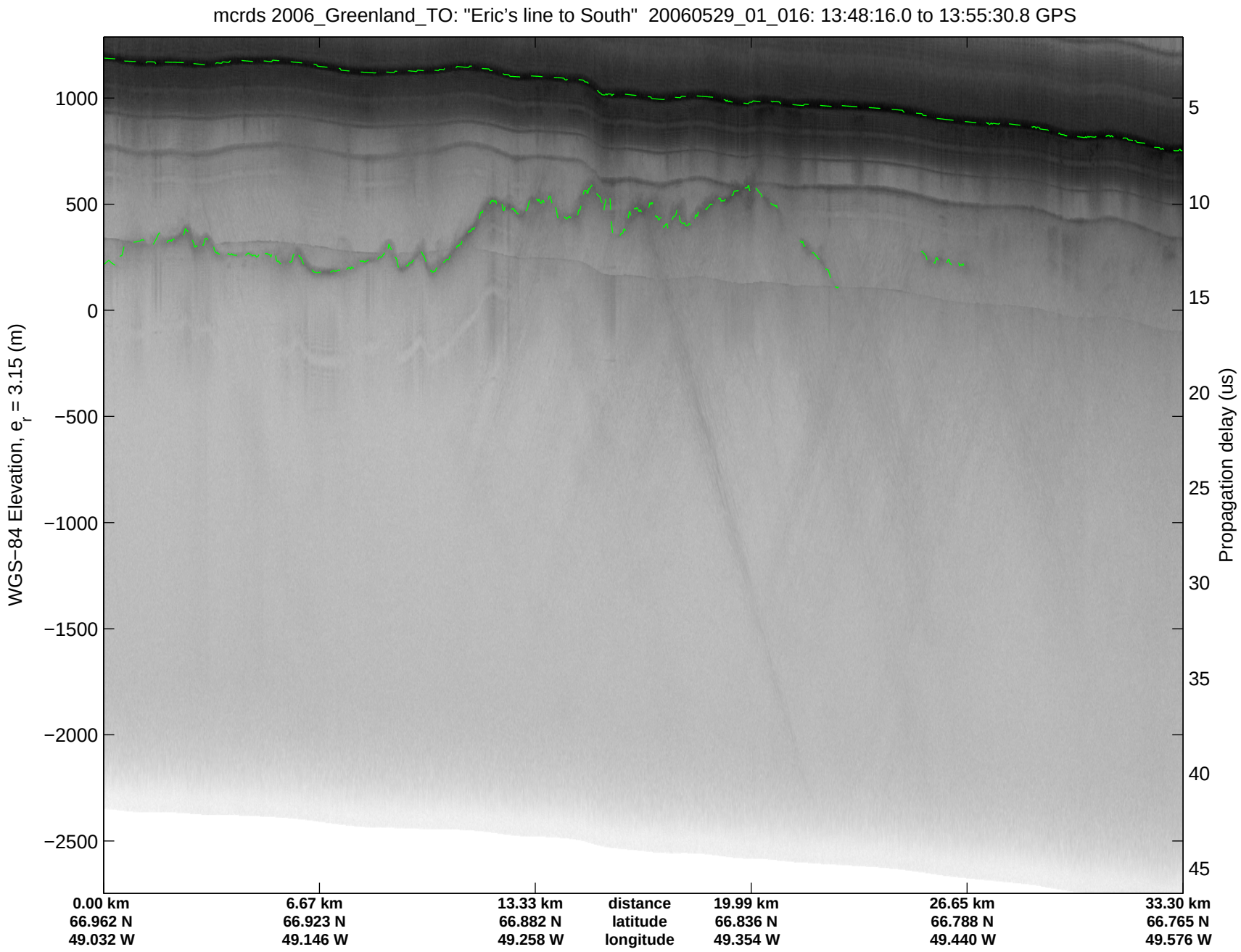

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_015: 13:39:59.1 to 13:48:15.5 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1600
1400
1200
1000
800
600
400
200
Propagation delay (us)
2
4
6
8
10
12
14
16
18
0.00 km
66.935 N
48.097 W
8.23 km
66.941 N
48.284 W
16.45 km
66.949 N
48.471 W
distance
latitude
longitude
24.67 km
66.957 N
48.658 W
32.89 km
66.964 N
48.845 W
41.11 km
66.963 N
49.032 W

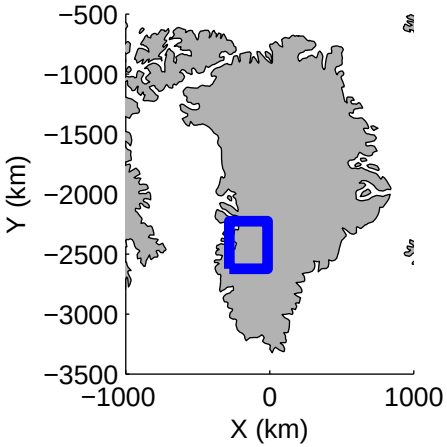

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

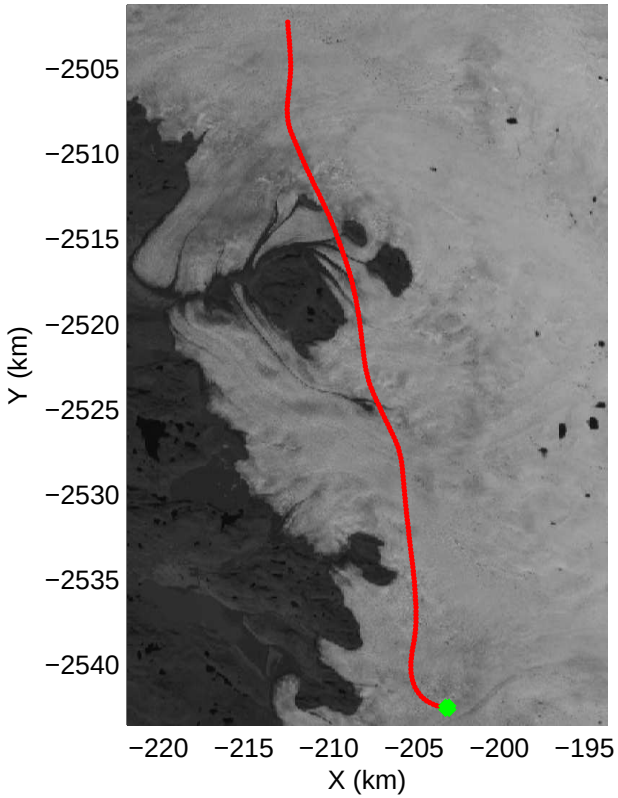

−2515
−2520
−2525
−2530
−2535
−2540
−2545
−2550
Y (km)
−200
−195
−190
−185
−180
X (km)

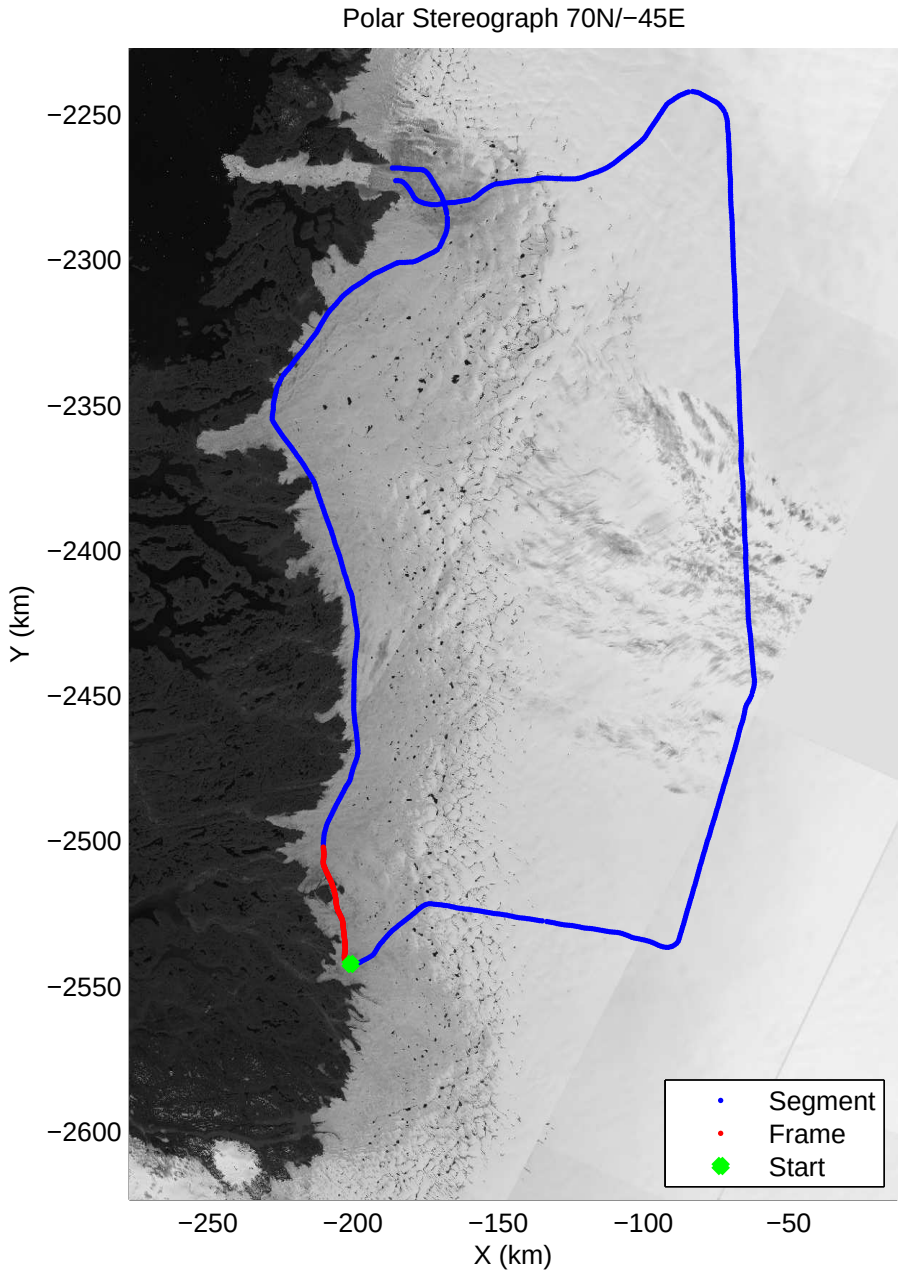

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

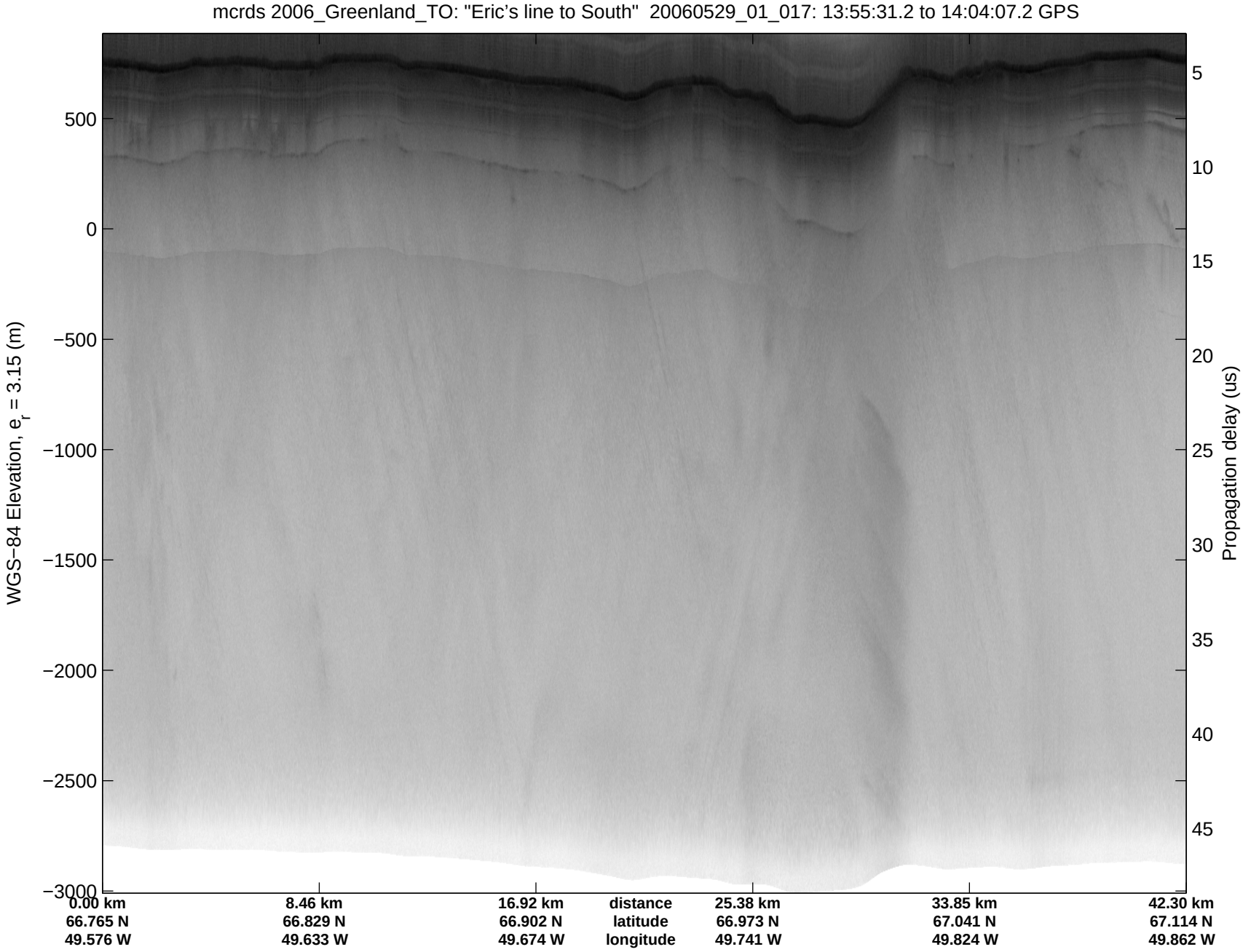

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_016: 13:48:16.0 to 13:55:30.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
66.962 N
49.032 W
6.67 km
66.923 N
49.146 W
13.33 km
66.882 N
49.258 W
distance
latitude
longitude
19.99 km
66.836 N
49.354 W
26.65 km
66.788 N
49.440 W
33.30 km
66.765 N
49.576 W

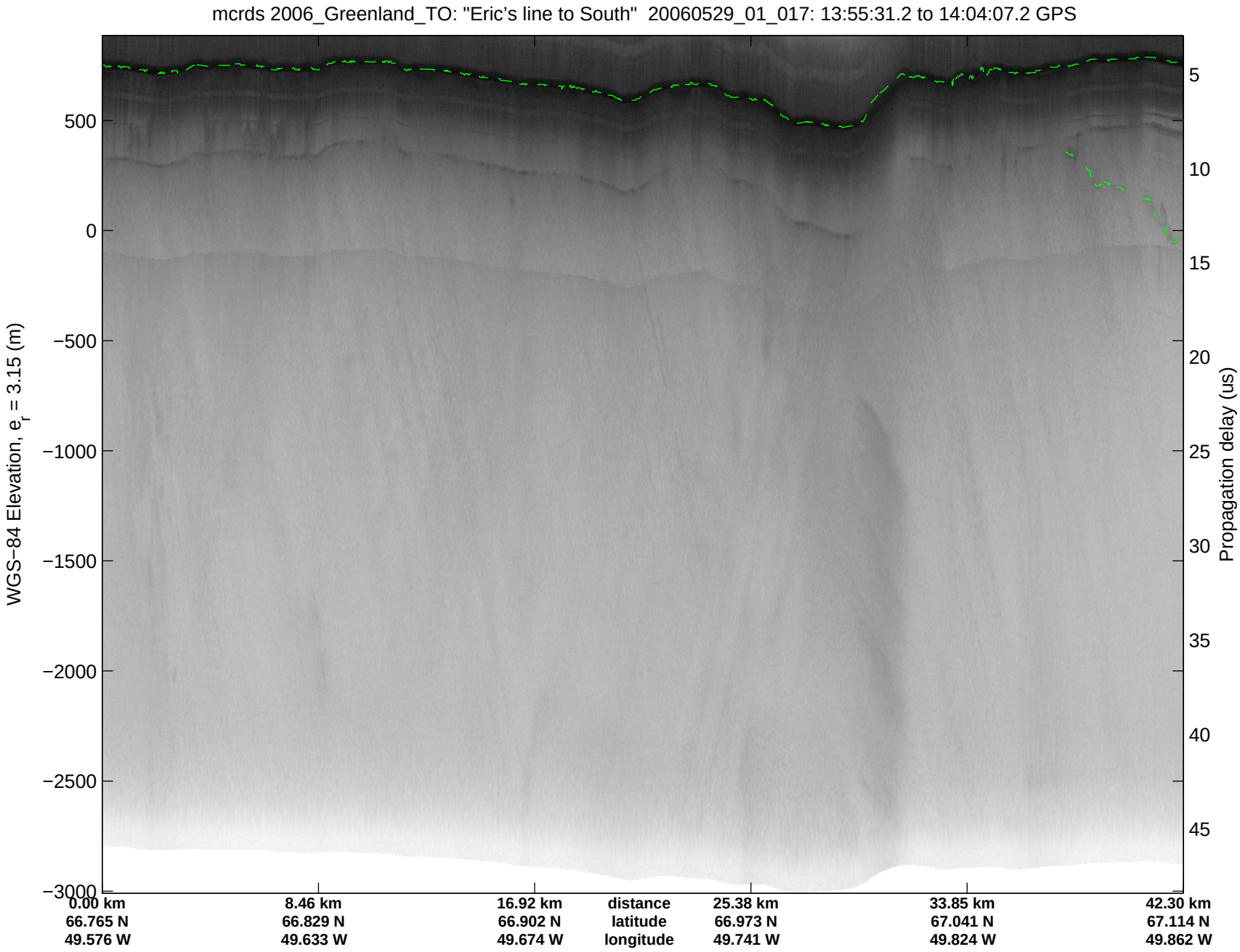

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_016: 13:48:16.0 to 13:55:30.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
66.962 N
49.032 W
6.67 km
66.923 N
49.146 W
13.33 km
66.882 N
49.258 W
distance
latitude
longitude
19.99 km
66.836 N
49.354 W
26.65 km
66.788 N
49.440 W
33.30 km
66.765 N
49.576 W

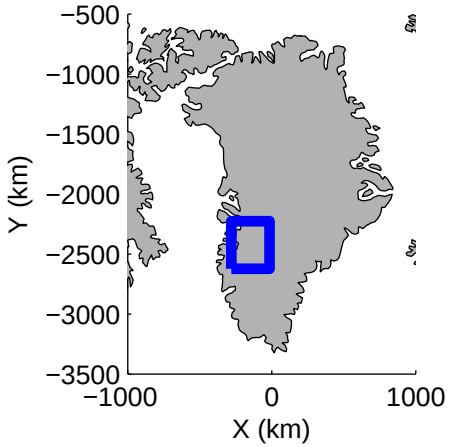

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

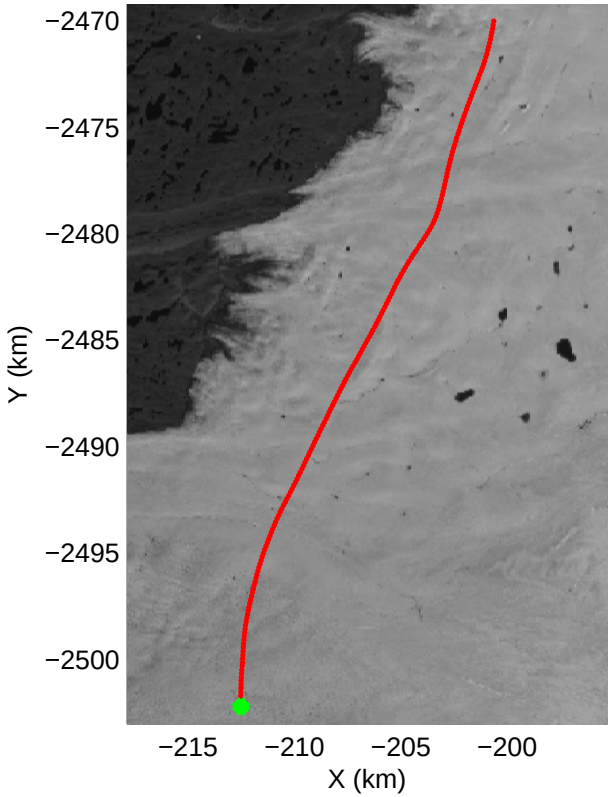

−2505
−2510
−2515
−2520
−2525
−2530
−2535
−2540
Y (km)
−220
−215
−210
−205
−200
−195
X (km)

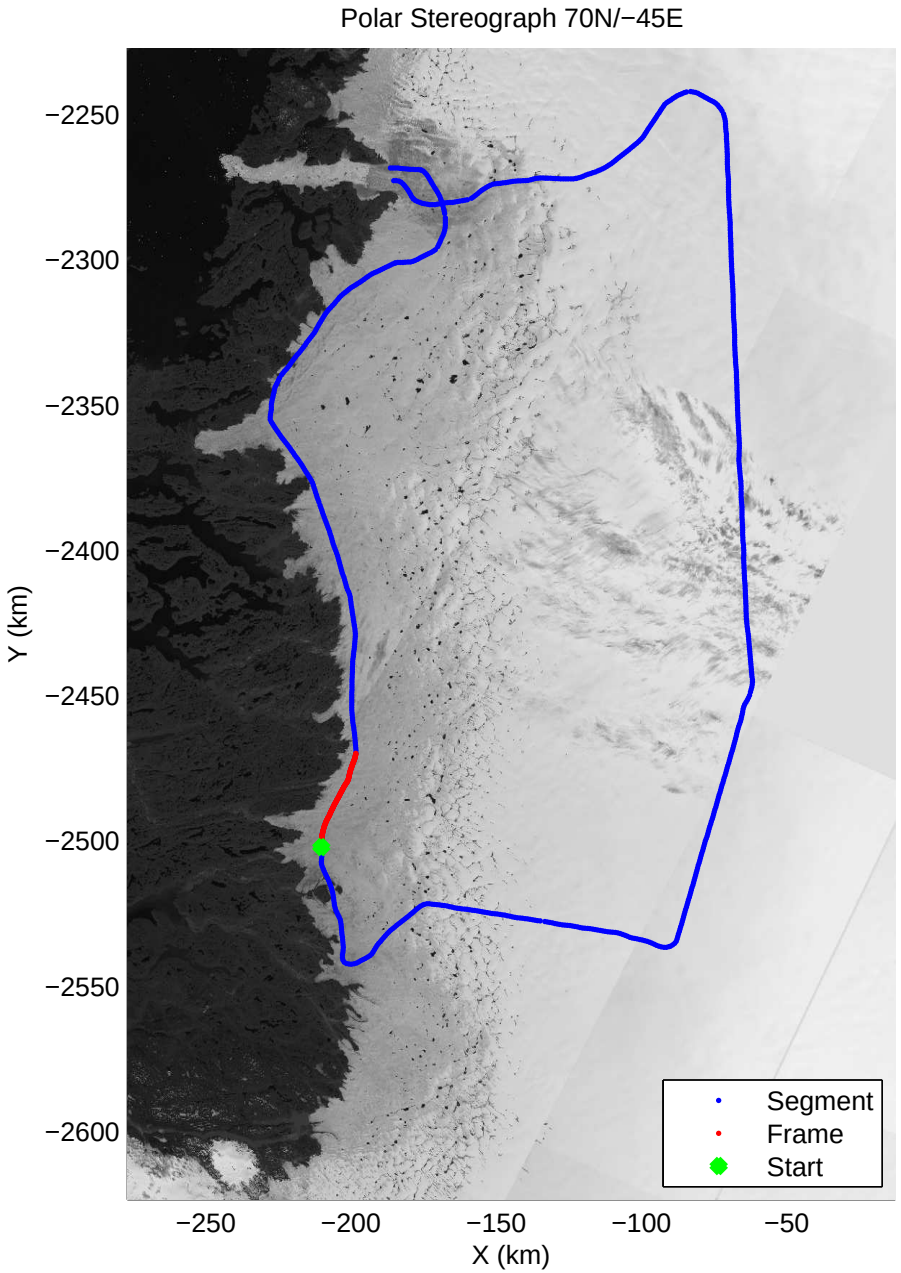

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

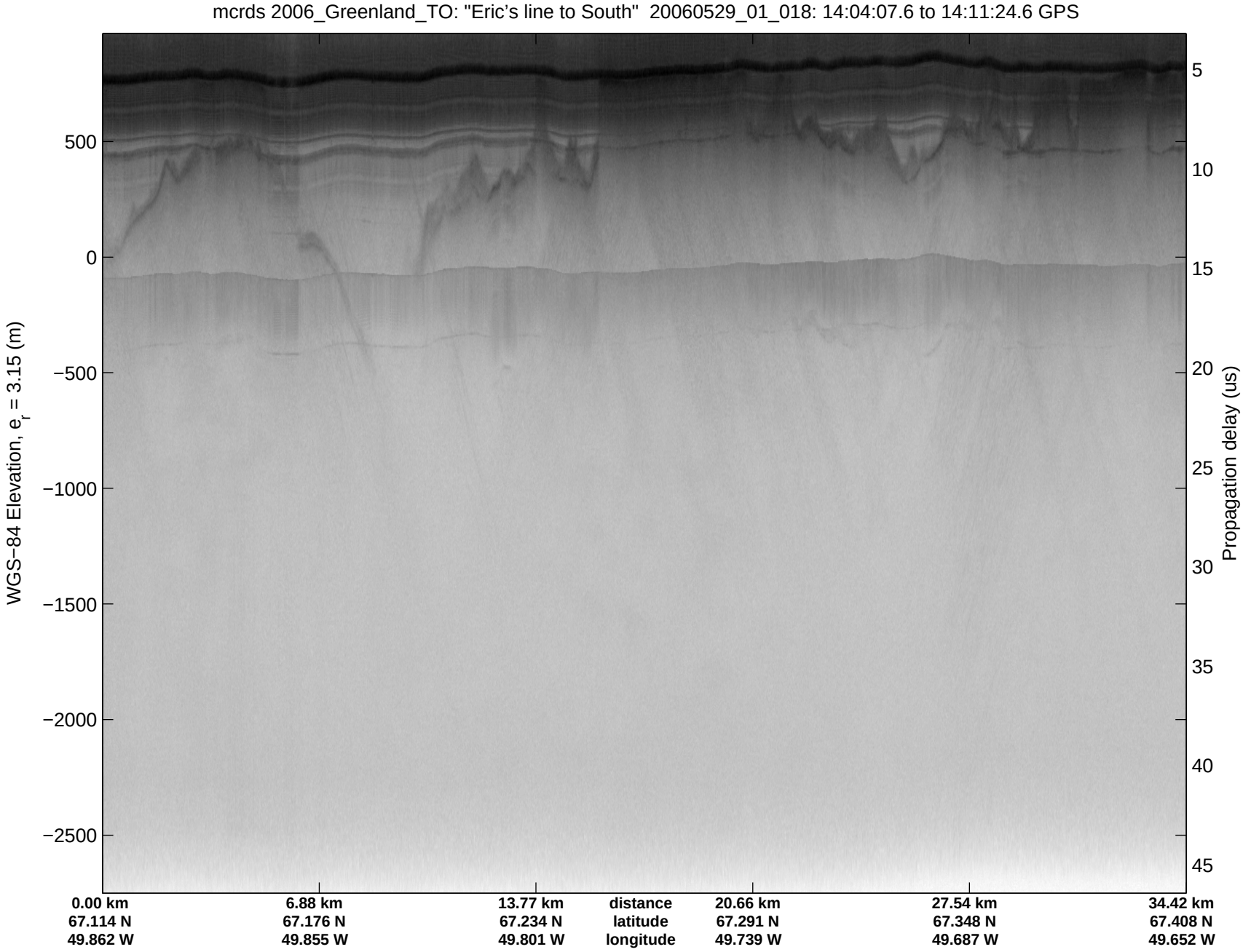

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_017: 13:55:31.2 to 14:04:07.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
66.765 N
49.576 W
8.46 km
66.829 N
49.633 W
16.92 km
66.902 N
49.674 W
distance
latitude
longitude
25.38 km
66.973 N
49.741 W
33.85 km
67.041 N
49.824 W
42.30 km
67.114 N
49.862 W

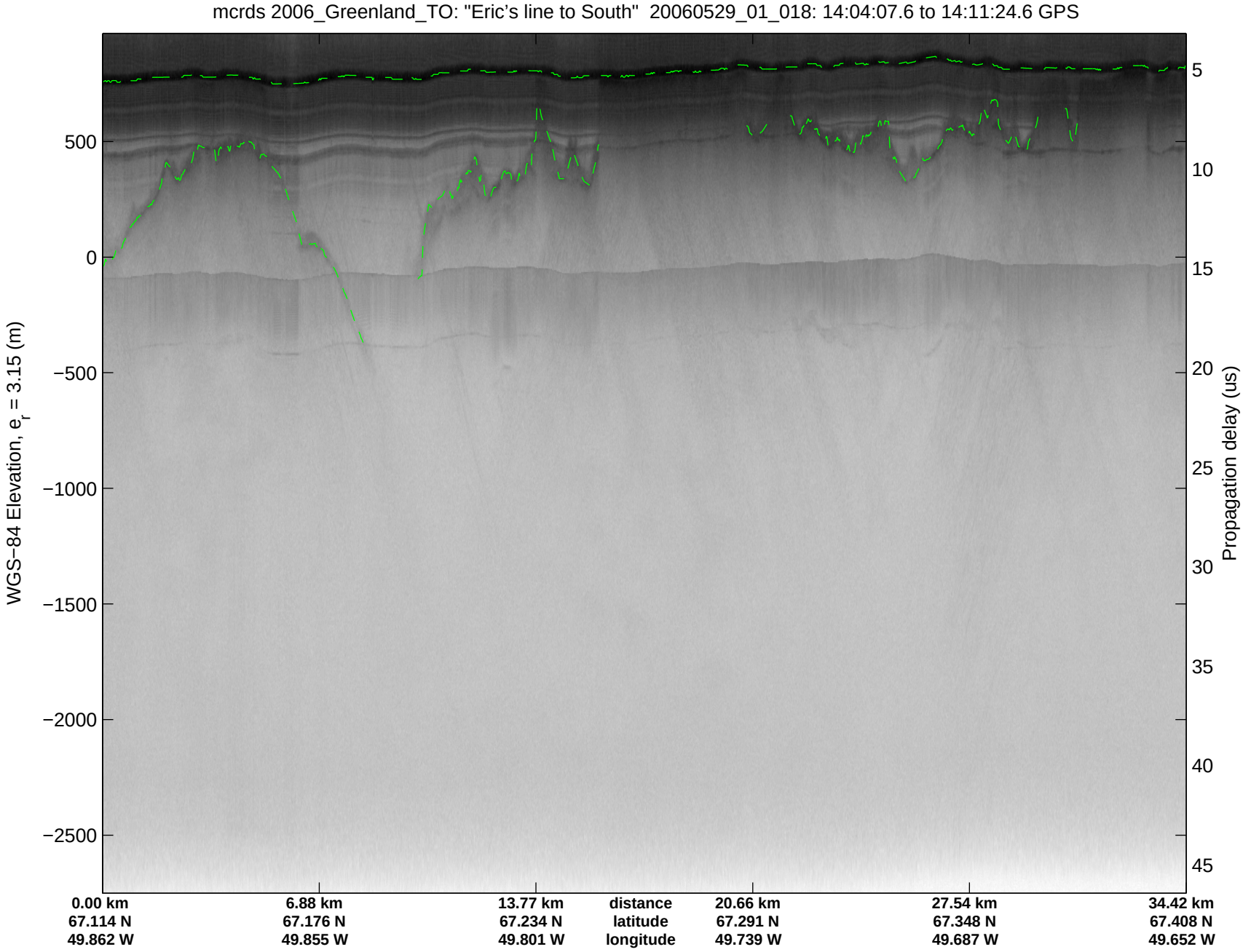

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_017: 13:55:31.2 to 14:04:07.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
66.765 N
49.576 W
8.46 km
66.829 N
49.633 W
16.92 km
66.902 N
49.674 W
distance
latitude
longitude
25.38 km
66.973 N
49.741 W
33.85 km
67.041 N
49.824 W
42.30 km
67.114 N
49.862 W

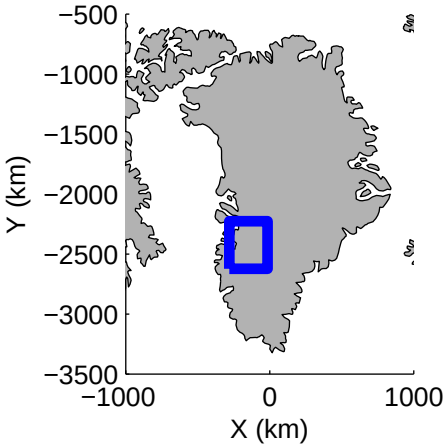

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

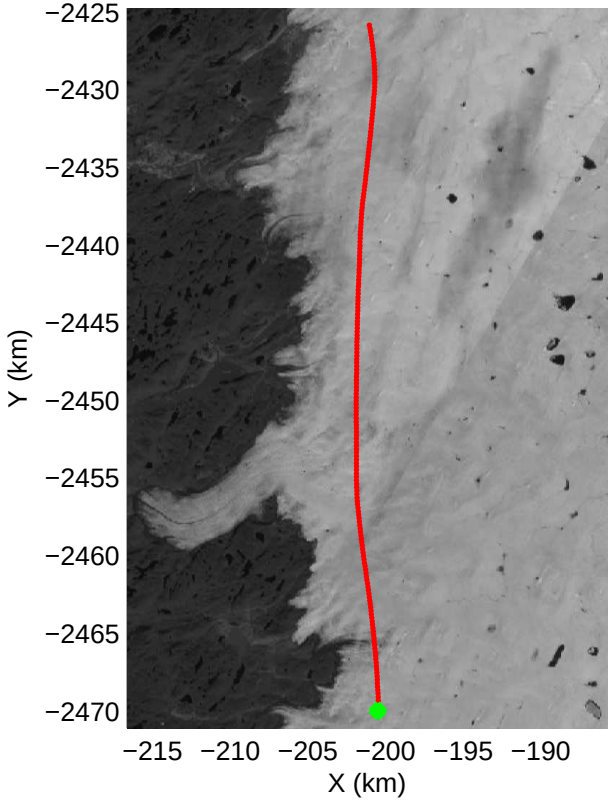

−2470
−2475
−2480
−2485
−2490
−2495
−2500
Y (km)
−215
−210
−205
−200
X (km)

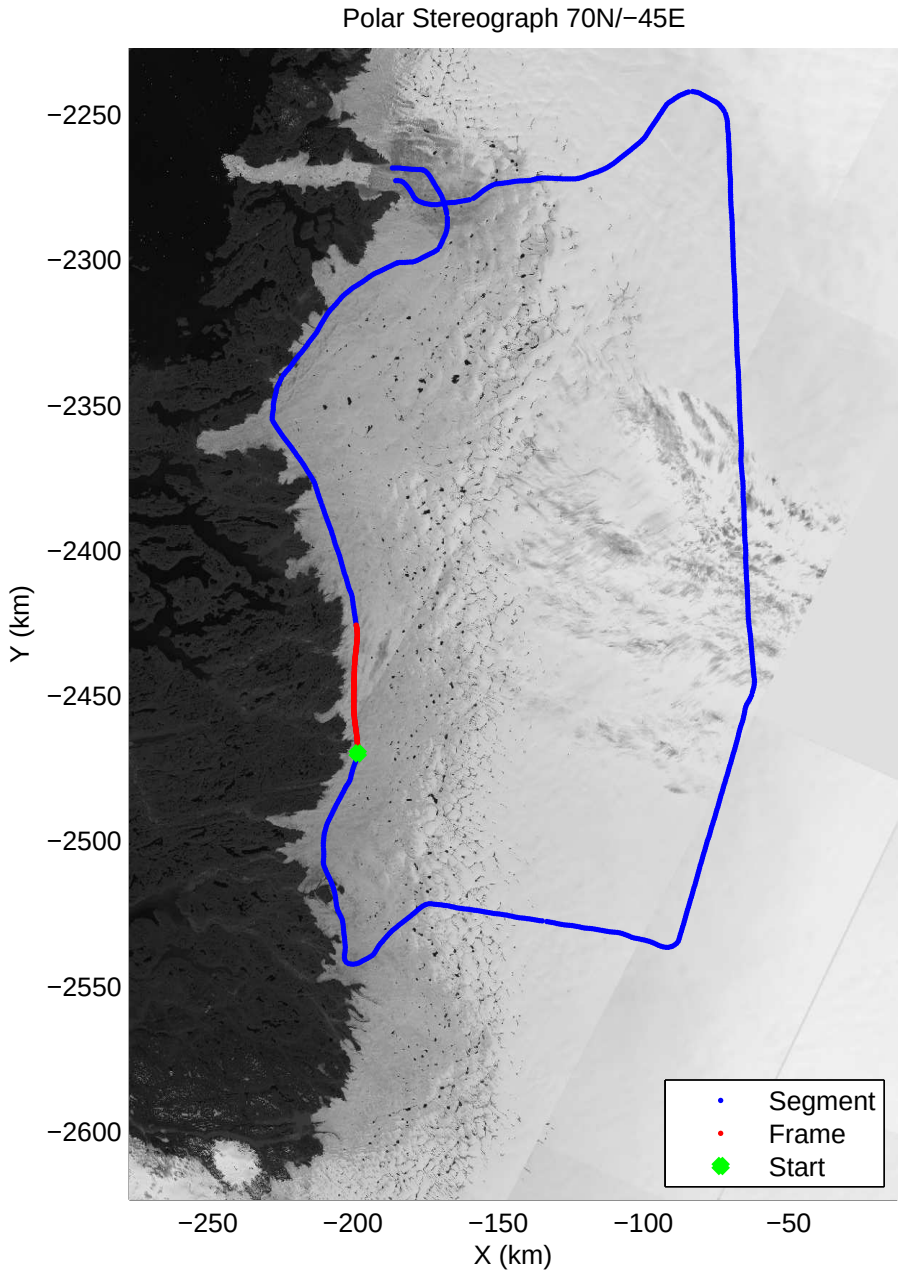

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

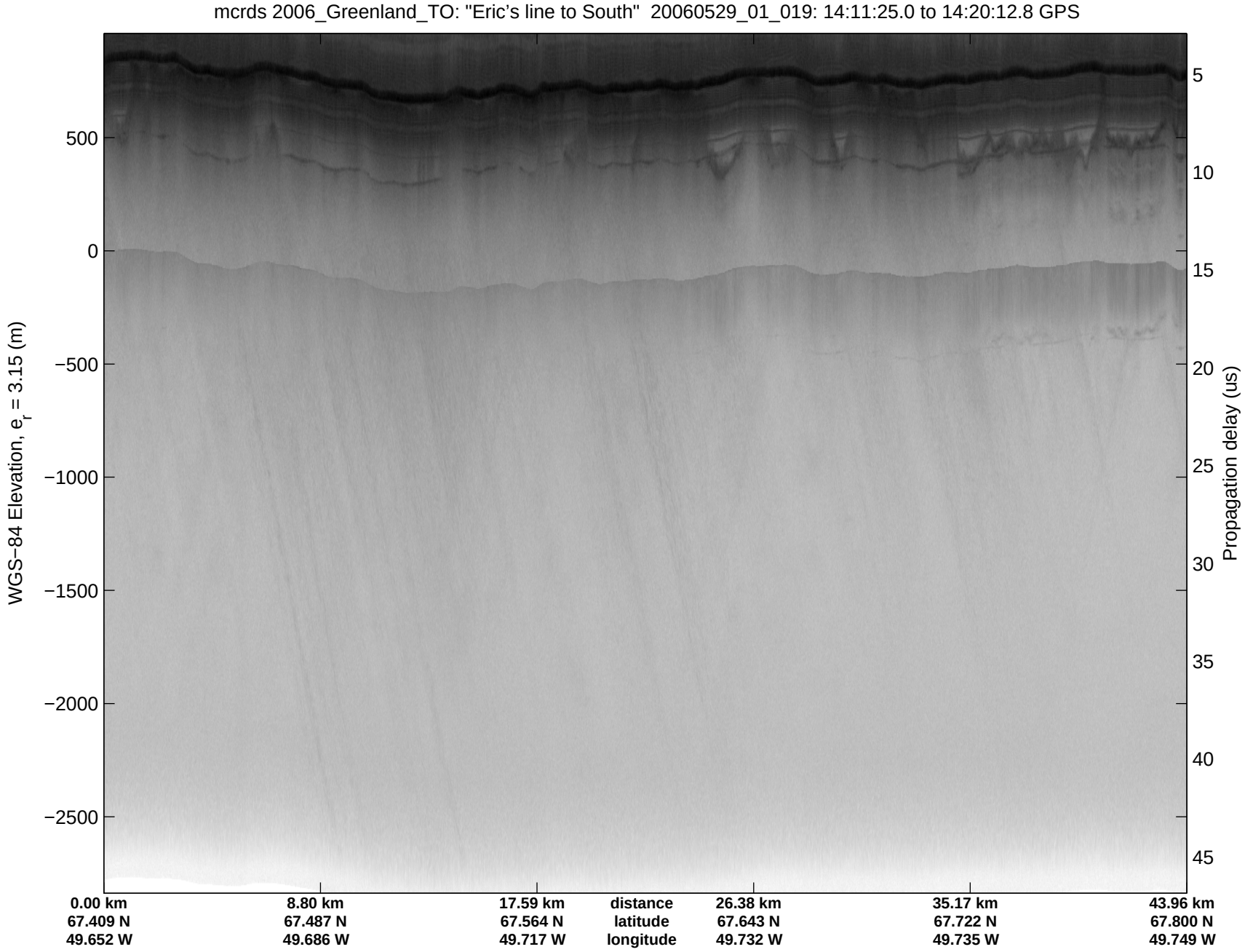

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_018: 14:04:07.6 to 14:11:24.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
67.114 N
49.862 W
6.88 km
67.176 N
49.855 W
13.77 km
67.234 N
49.801 W
distance
latitude
longitude
20.66 km
67.291 N
49.739 W
27.54 km
67.348 N
49.687 W
34.42 km
67.408 N
49.652 W

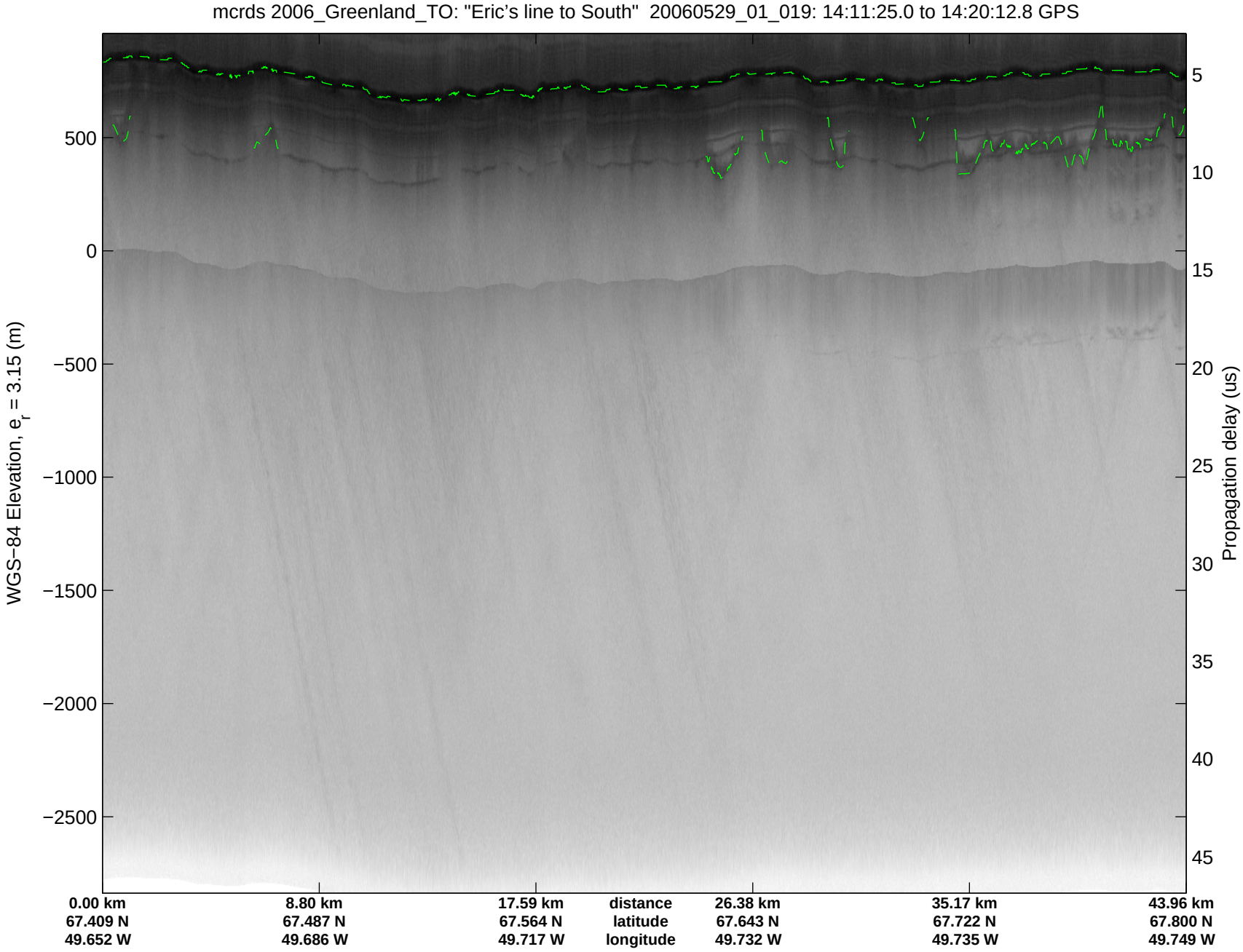

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_018: 14:04:07.6 to 14:11:24.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
67.114 N
49.862 W
6.88 km
67.176 N
49.855 W
13.77 km
67.234 N
49.801 W
distance
latitude
longitude
20.66 km
67.291 N
49.739 W
27.54 km
67.348 N
49.687 W
34.42 km
67.408 N
49.652 W

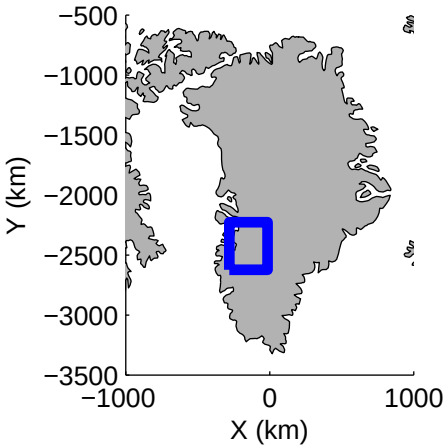

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

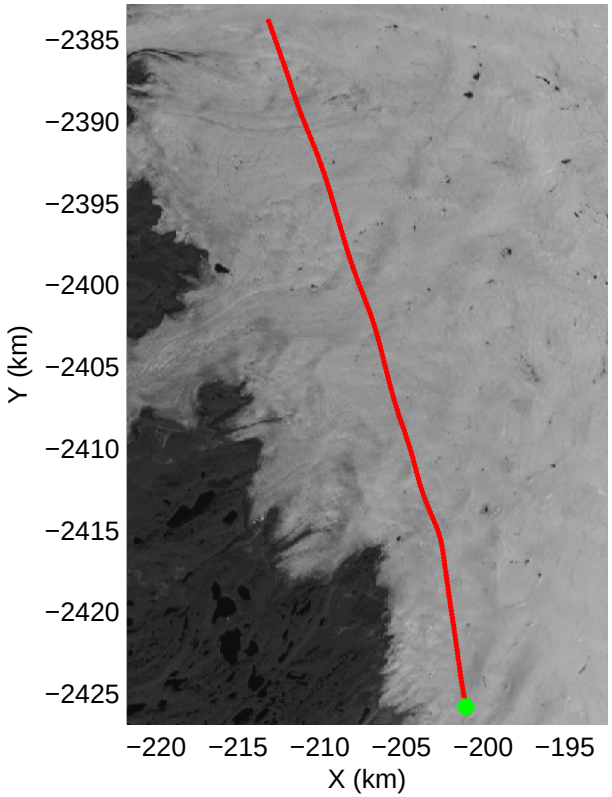

−2425
−2430
−2435
−2440
−2445
−2450
−2455
−2460
−2465
−2470
Y (km)
−215
−210
−205
−200
−195
−190
X (km)

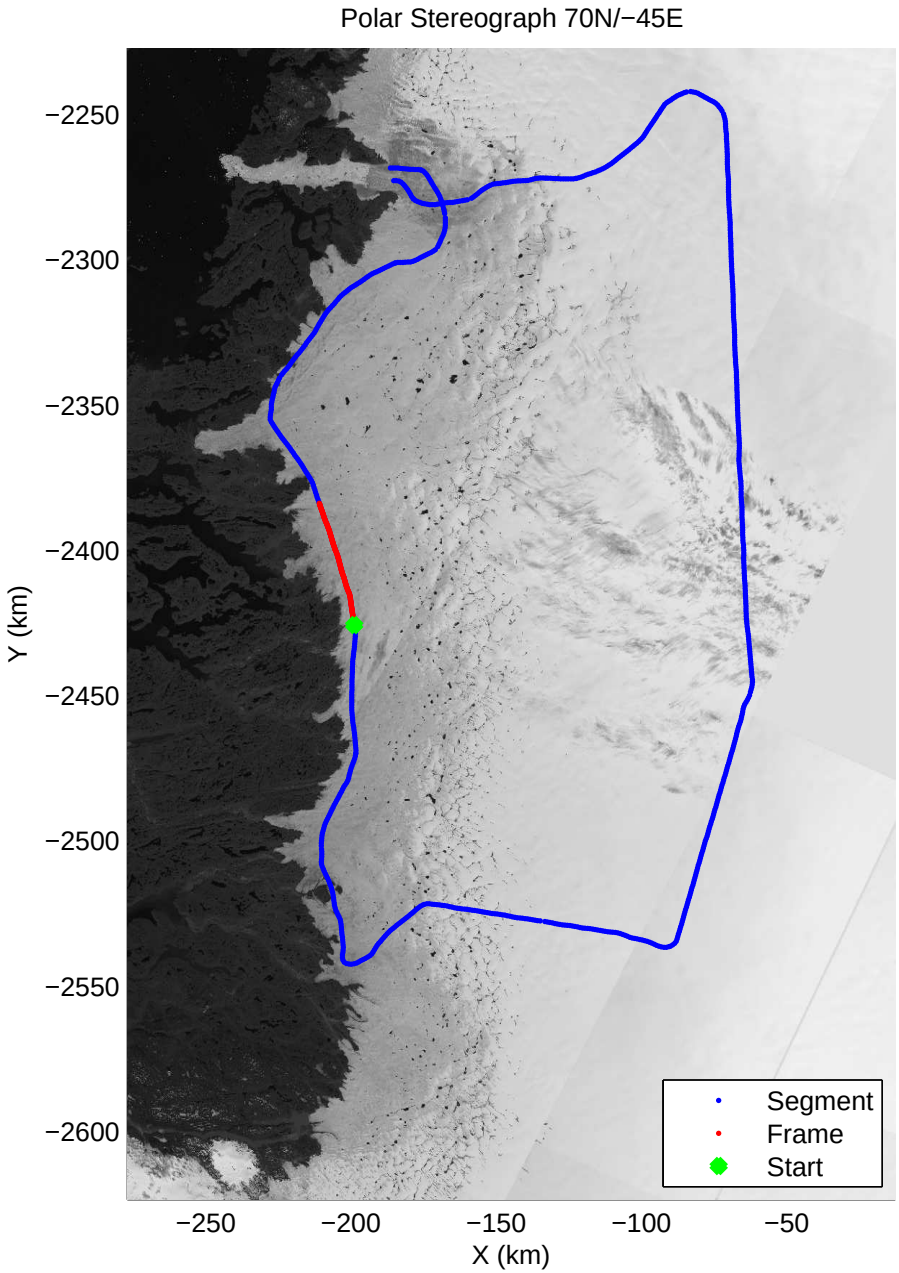

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

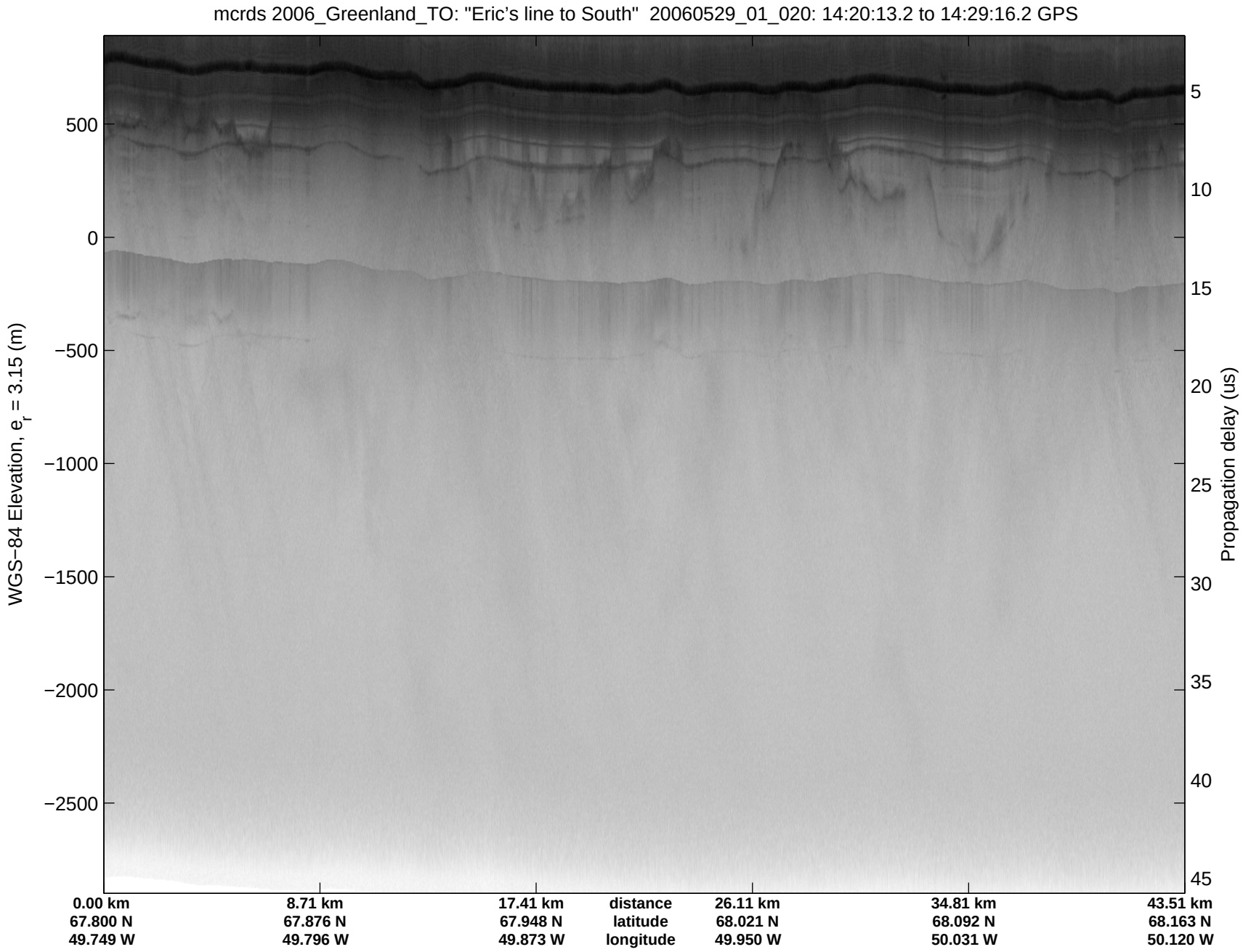

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_019: 14:11:25.0 to 14:20:12.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
67.409 N
49.652 W
8.80 km
67.487 N
49.686 W
17.59 km
67.564 N
49.717 W
distance
latitude
longitude
26.38 km
67.643 N
49.732 W
35.17 km
67.722 N
49.735 W
43.96 km
67.800 N
49.749 W

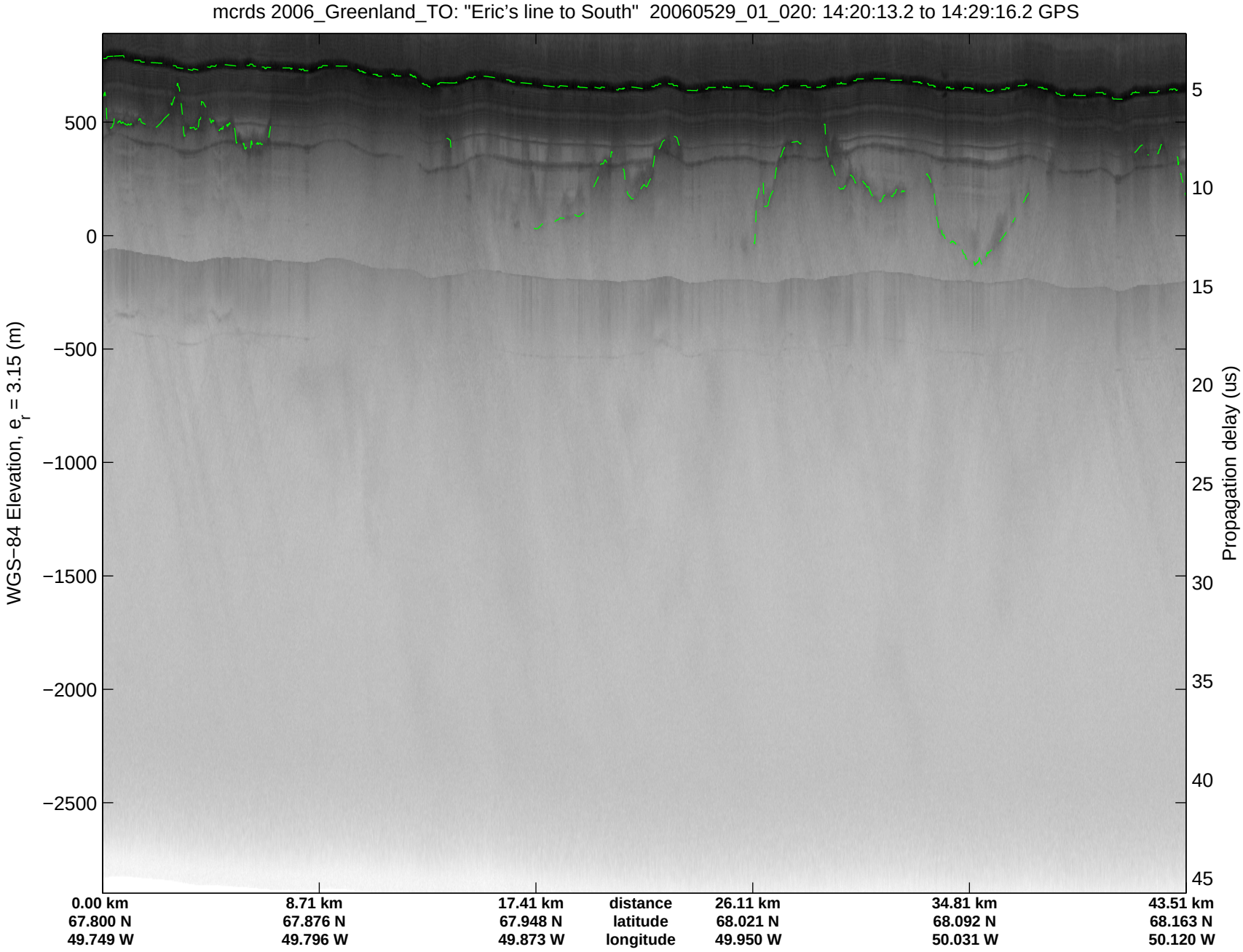

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_019: 14:11:25.0 to 14:20:12.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
67.409 N
49.652 W
8.80 km
67.487 N
49.686 W
17.59 km
67.564 N
49.717 W
distance
latitude
longitude
26.38 km
67.643 N
49.732 W
35.17 km
67.722 N
49.735 W
43.96 km
67.800 N
49.749 W

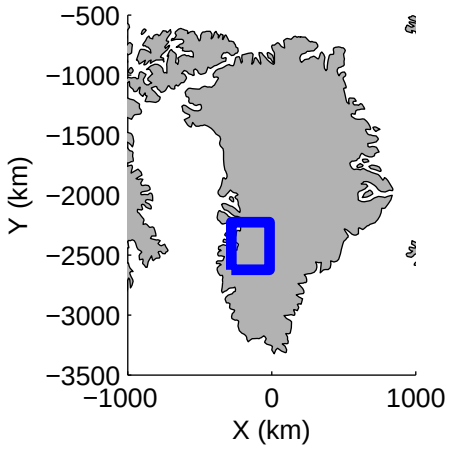

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

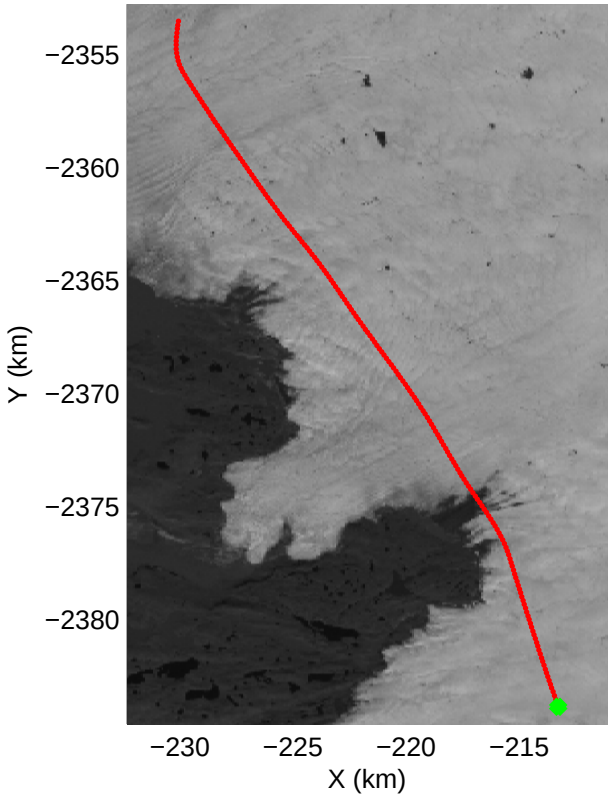

−2385
−2390
−2395
−2400
−2405
−2410
−2415
−2420
−2425
Y (km)
−220
−215
−210
−205
−200
−195
X (km)

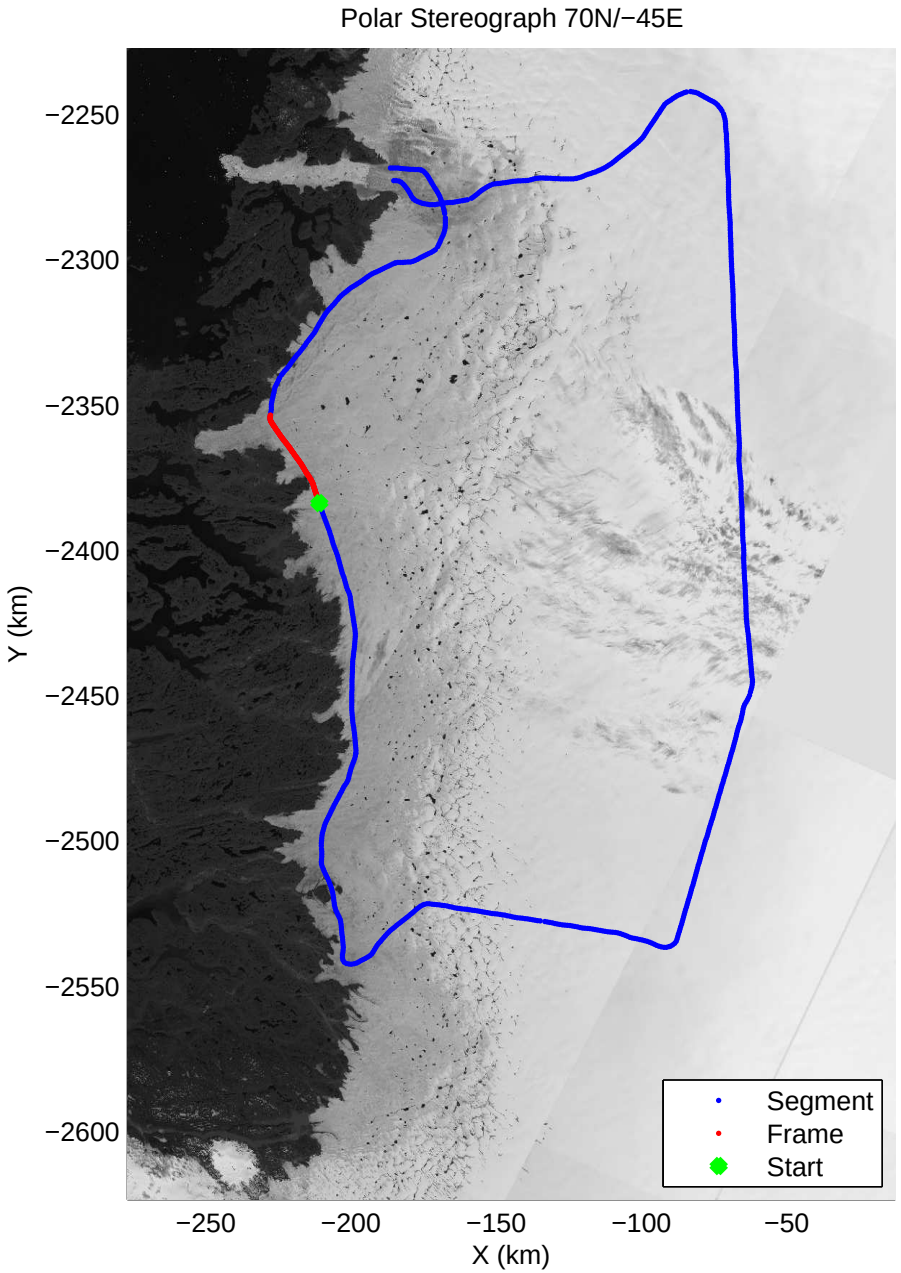

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

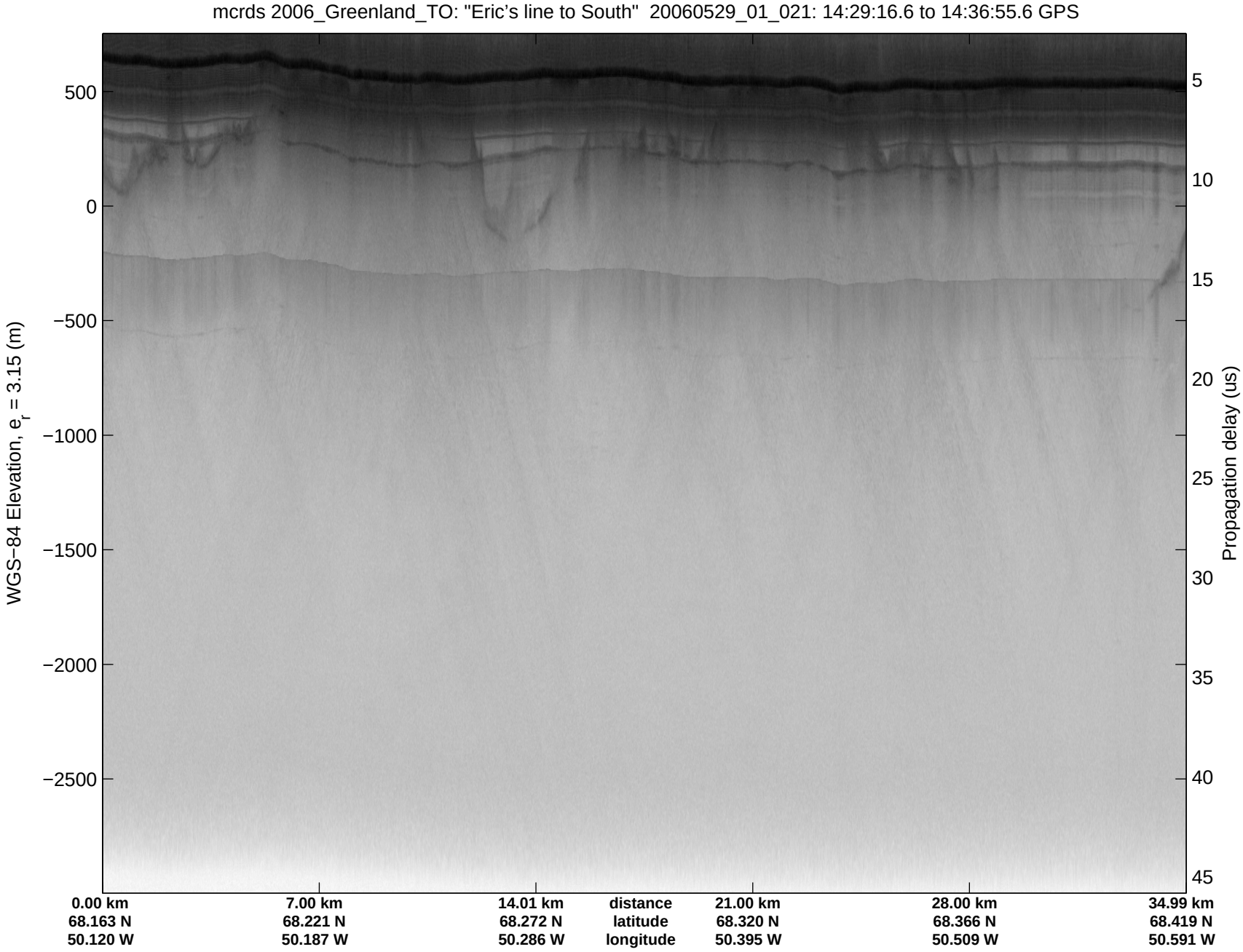

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_020: 14:20:13.2 to 14:29:16.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
67.800 N
49.749 W
8.71 km
67.876 N
49.796 W
17.41 km
67.948 N
49.873 W
distance
latitude
longitude
26.11 km
68.021 N
49.950 W
34.81 km
68.092 N
50.031 W
43.51 km
68.163 N
50.120 W

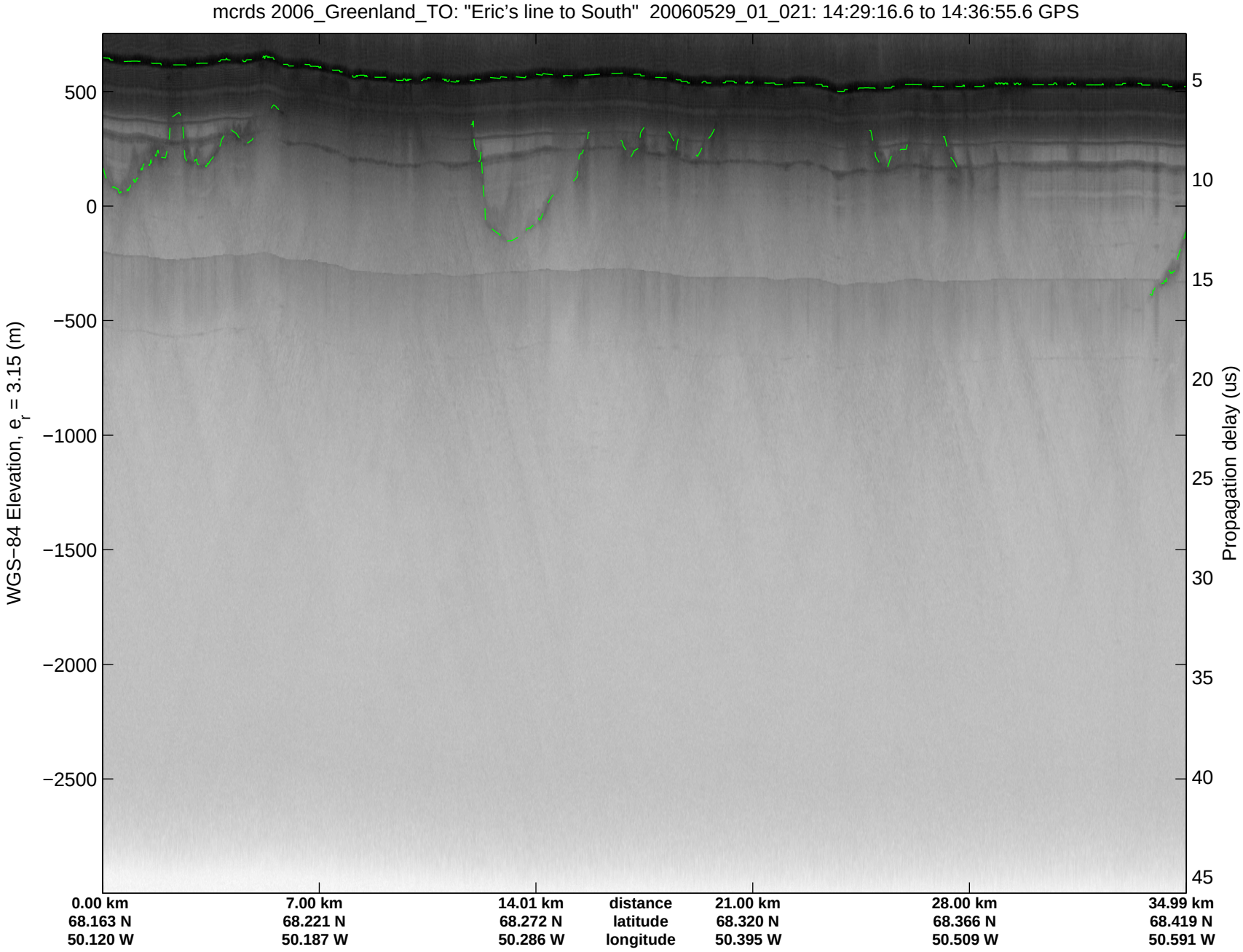

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_020: 14:20:13.2 to 14:29:16.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
67.800 N
49.749 W
8.71 km
67.876 N
49.796 W
17.41 km
67.948 N
49.873 W
distance
latitude
longitude
26.11 km
68.021 N
49.950 W
34.81 km
68.092 N
50.031 W
43.51 km
68.163 N
50.120 W

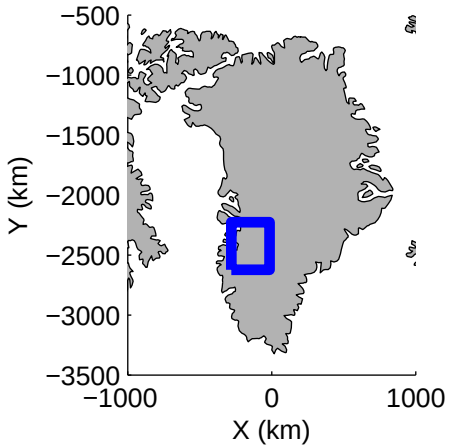

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

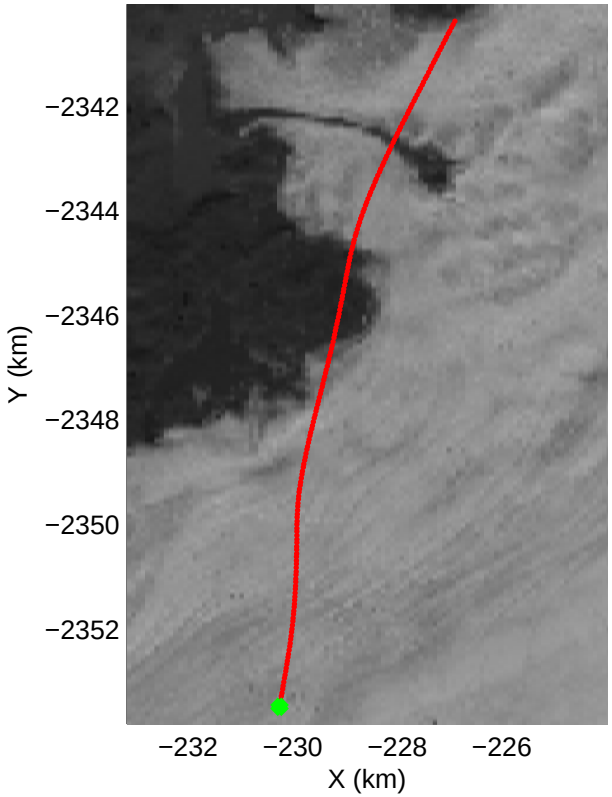

−2355
−2360
−2365
−2370
−2375
−2380
Y (km)
−230
−225
−220
−215
X (km)

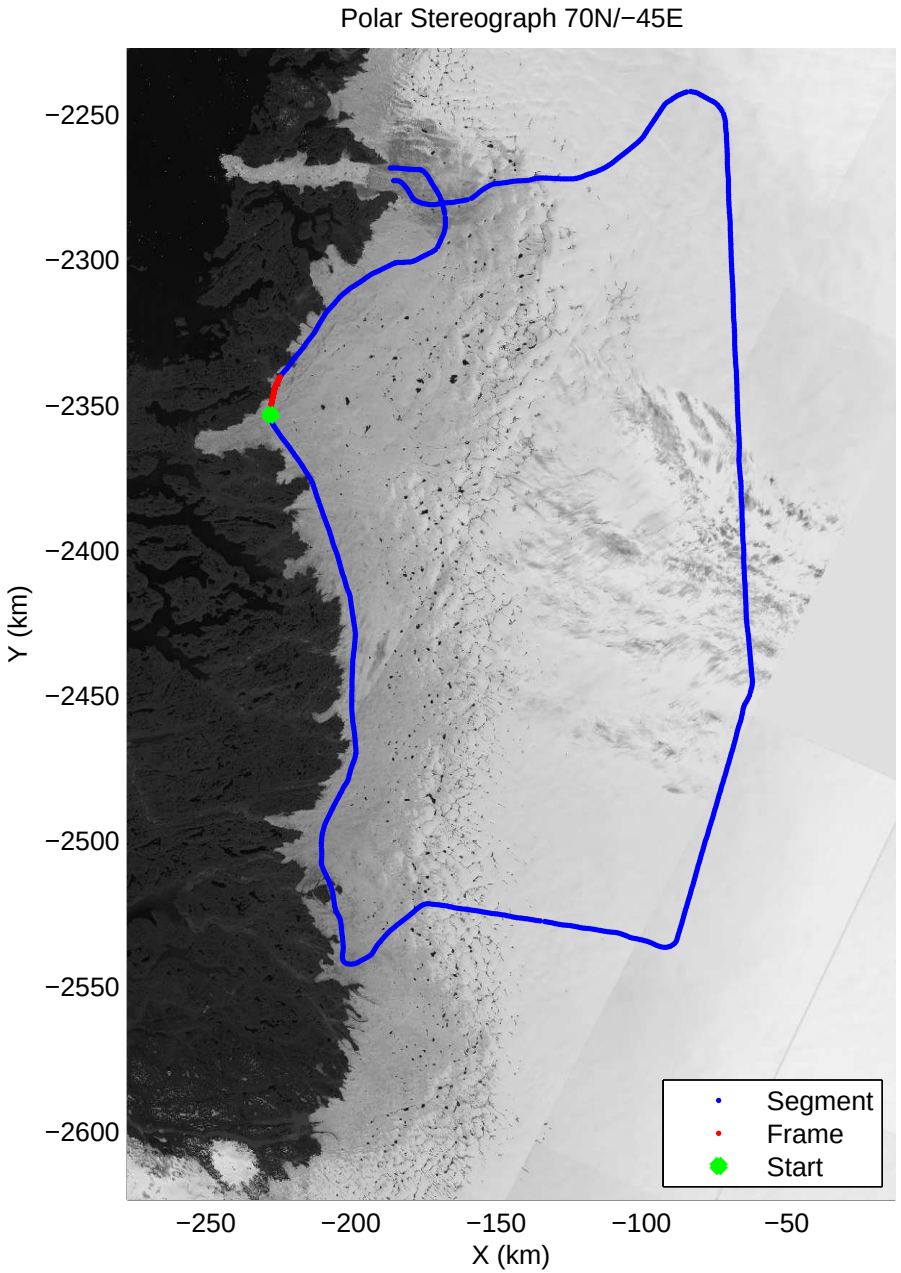

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

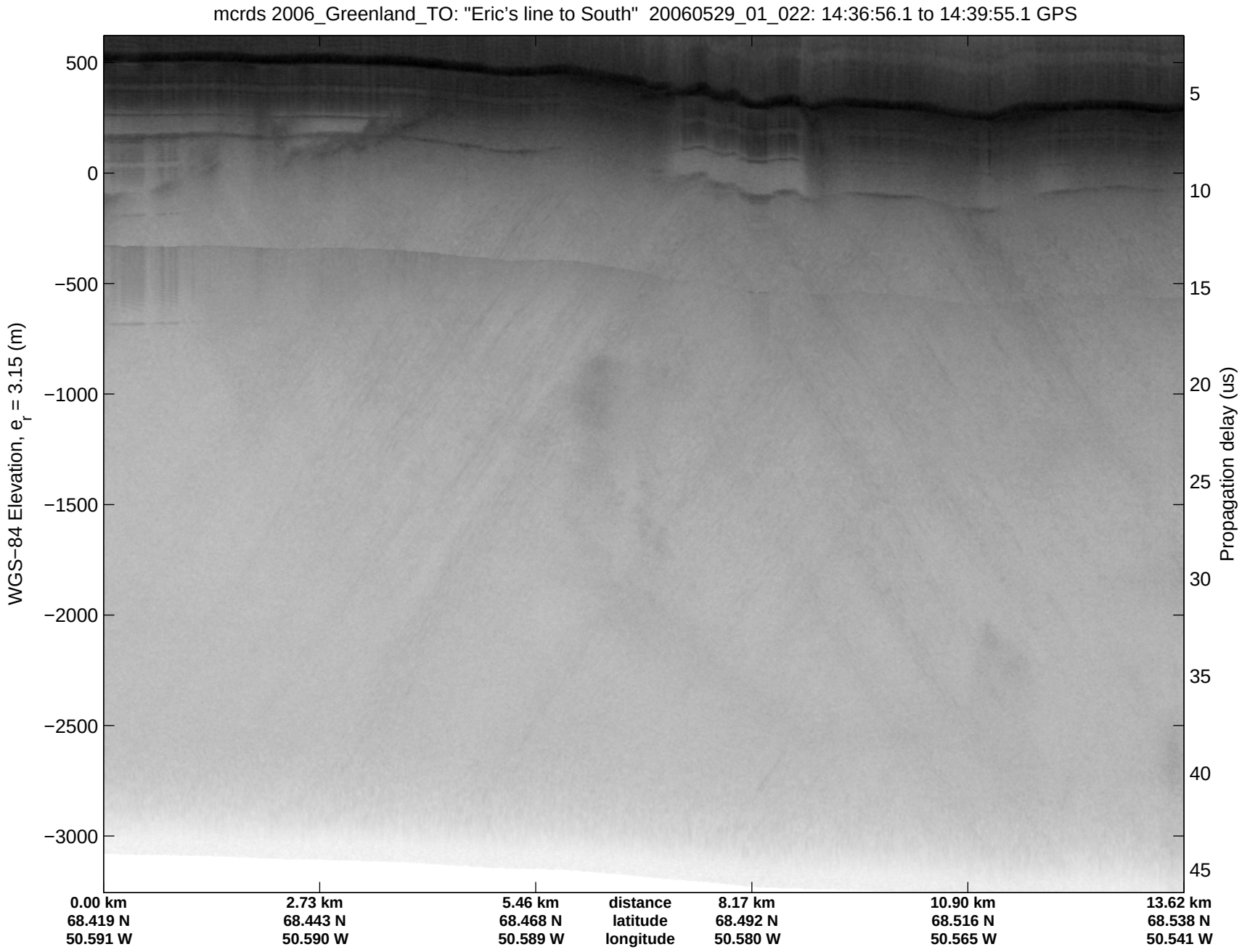

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_021: 14:29:16.6 to 14:36:55.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
68.163 N
50.120 W
7.00 km
68.221 N
50.187 W
14.01 km
68.272 N
50.286 W
distance
latitude
longitude
21.00 km
68.320 N
50.395 W
28.00 km
68.366 N
50.509 W
34.99 km
68.419 N
50.591 W

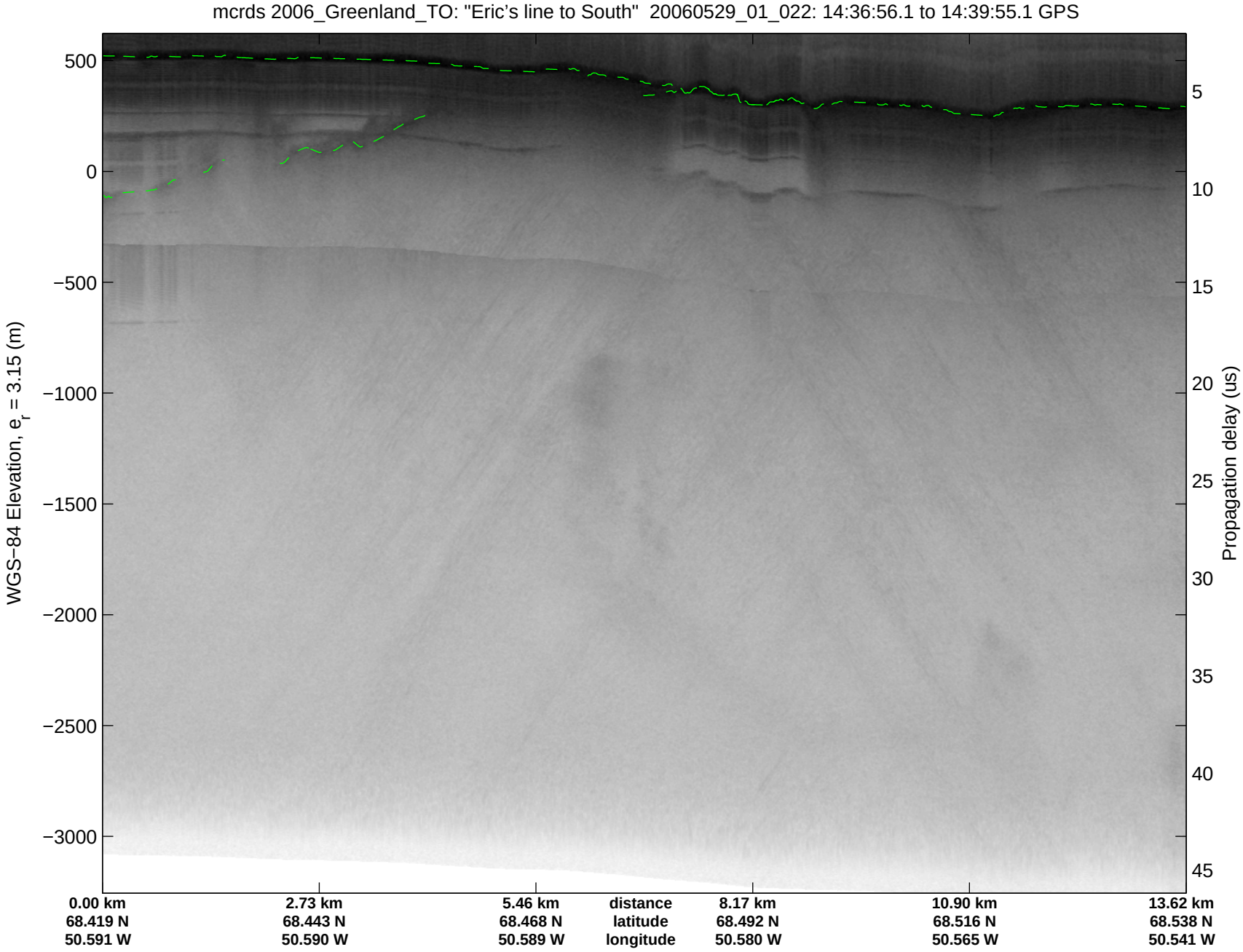

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_021: 14:29:16.6 to 14:36:55.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
68.163 N
50.120 W
7.00 km
68.221 N
50.187 W
14.01 km
68.272 N
50.286 W
distance
latitude
longitude
21.00 km
68.320 N
50.395 W
28.00 km
68.366 N
50.509 W
34.99 km
68.419 N
50.591 W

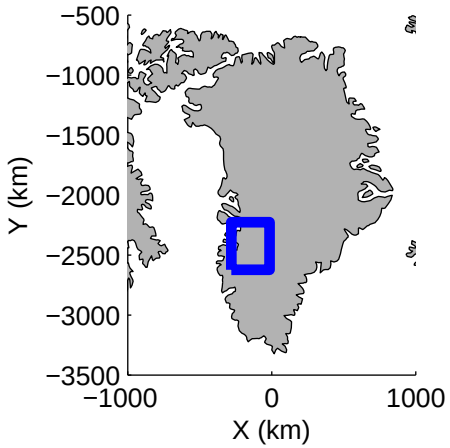

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

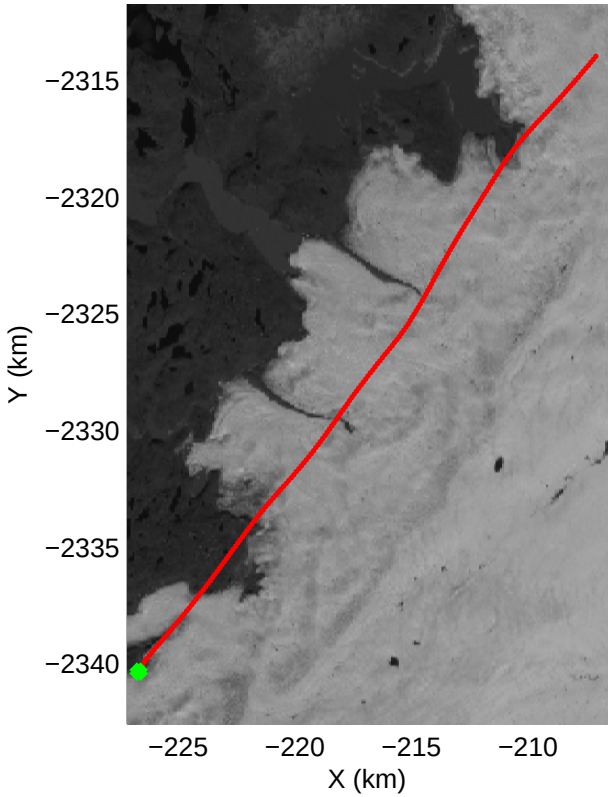

−2342
−2344
−2346
−2348
−2350
−2352
Y (km)
−232
−230
−228
−226
X (km)

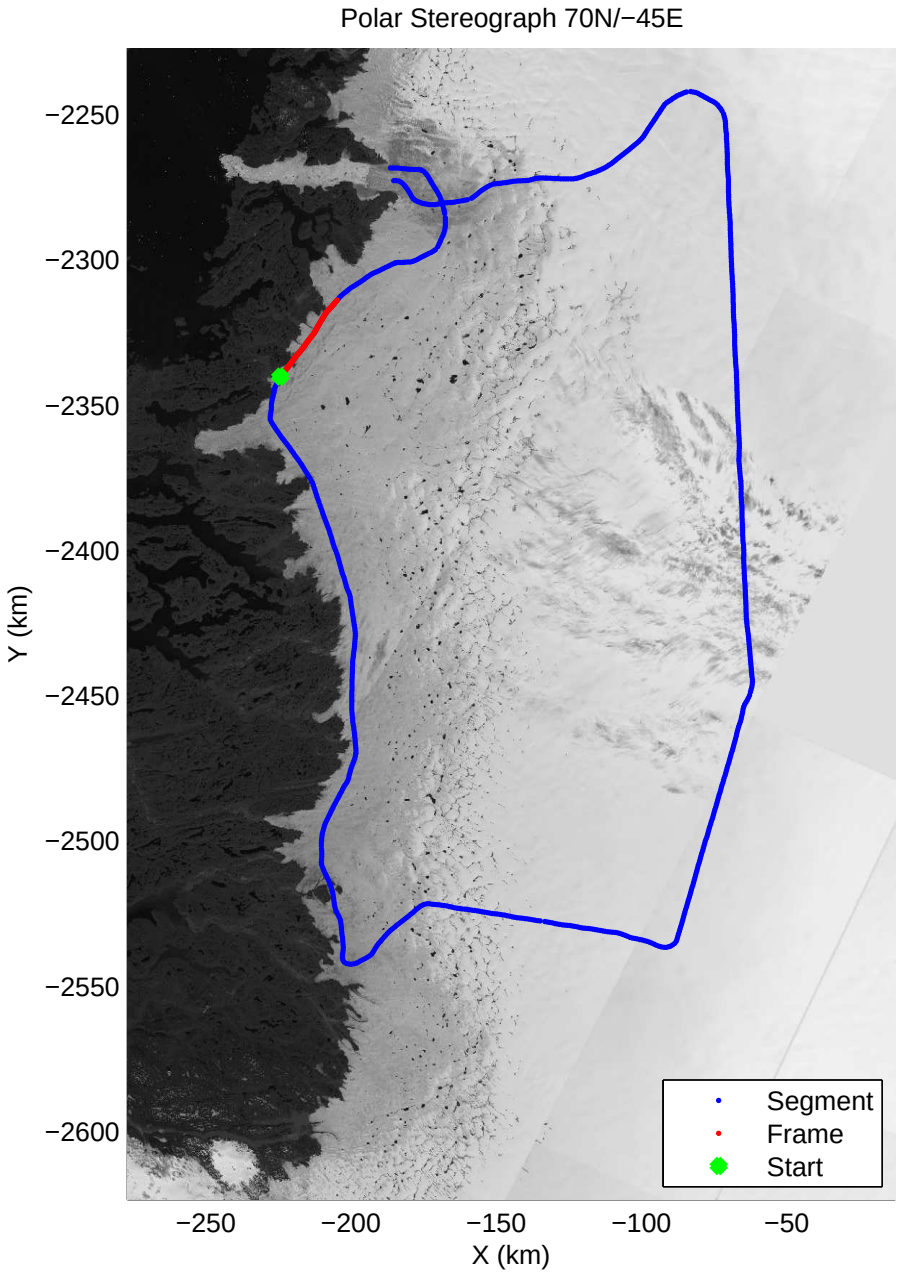

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

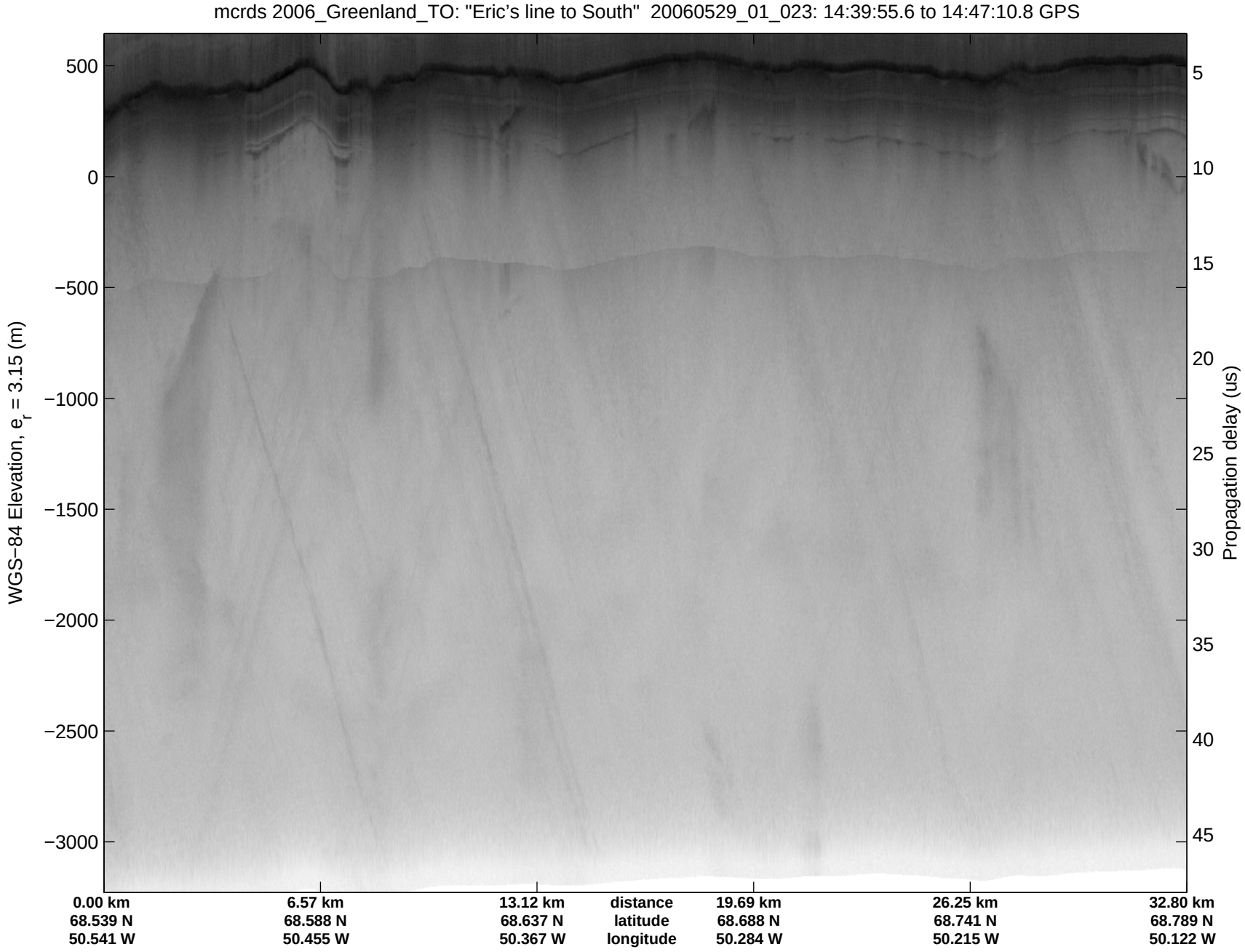

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_022: 14:36:56.1 to 14:39:55.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
68.419 N
50.591 W
2.73 km
68.443 N
50.590 W
5.46 km
68.468 N
50.589 W
distance
latitude
longitude
8.17 km
68.492 N
50.580 W
10.90 km
68.516 N
50.565 W
13.62 km
68.538 N
50.541 W

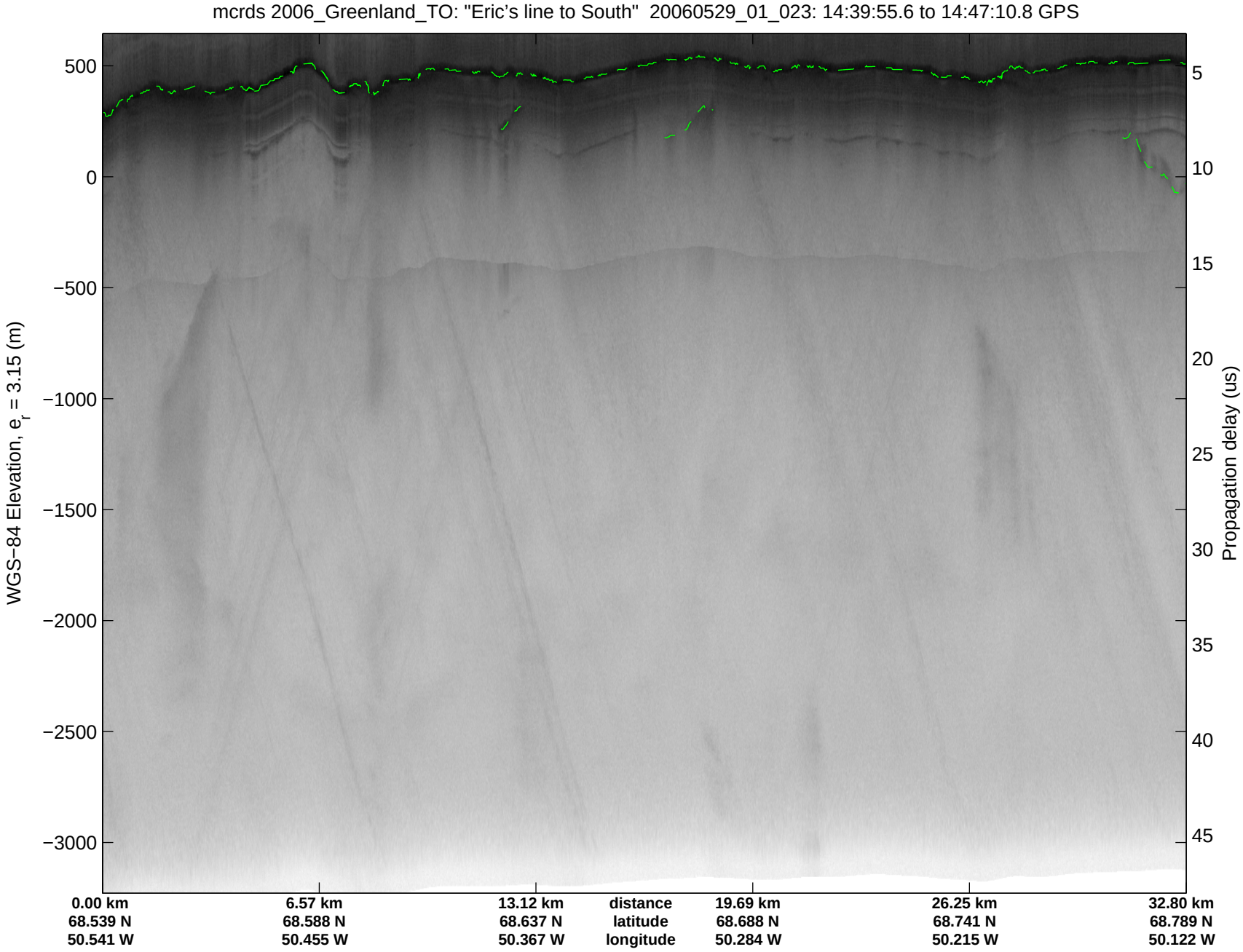

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_022: 14:36:56.1 to 14:39:55.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
68.419 N
50.591 W
2.73 km
68.443 N
50.590 W
5.46 km
68.468 N
50.589 W
distance
latitude
longitude
8.17 km
68.492 N
50.580 W
10.90 km
68.516 N
50.565 W
13.62 km
68.538 N
50.541 W

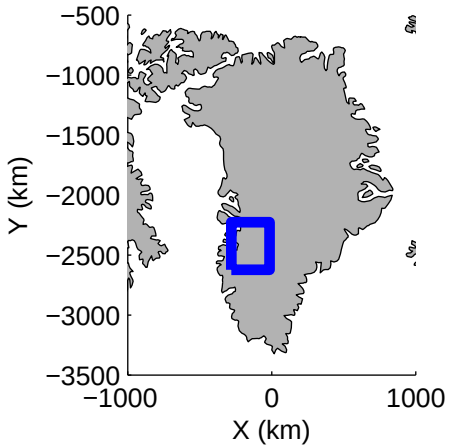

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

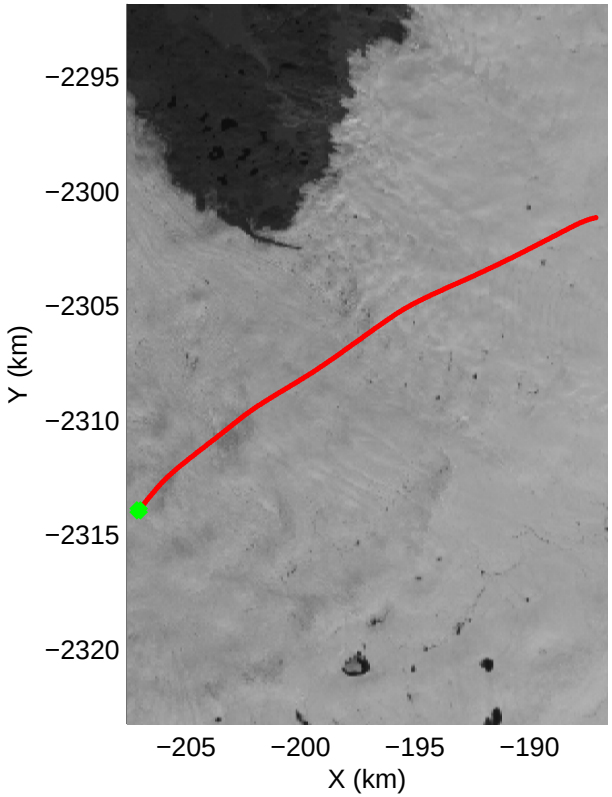

−2315
−2320
−2325
−2330
−2335
−2340
Y (km)
−225
−220
−215
−210
X (km)

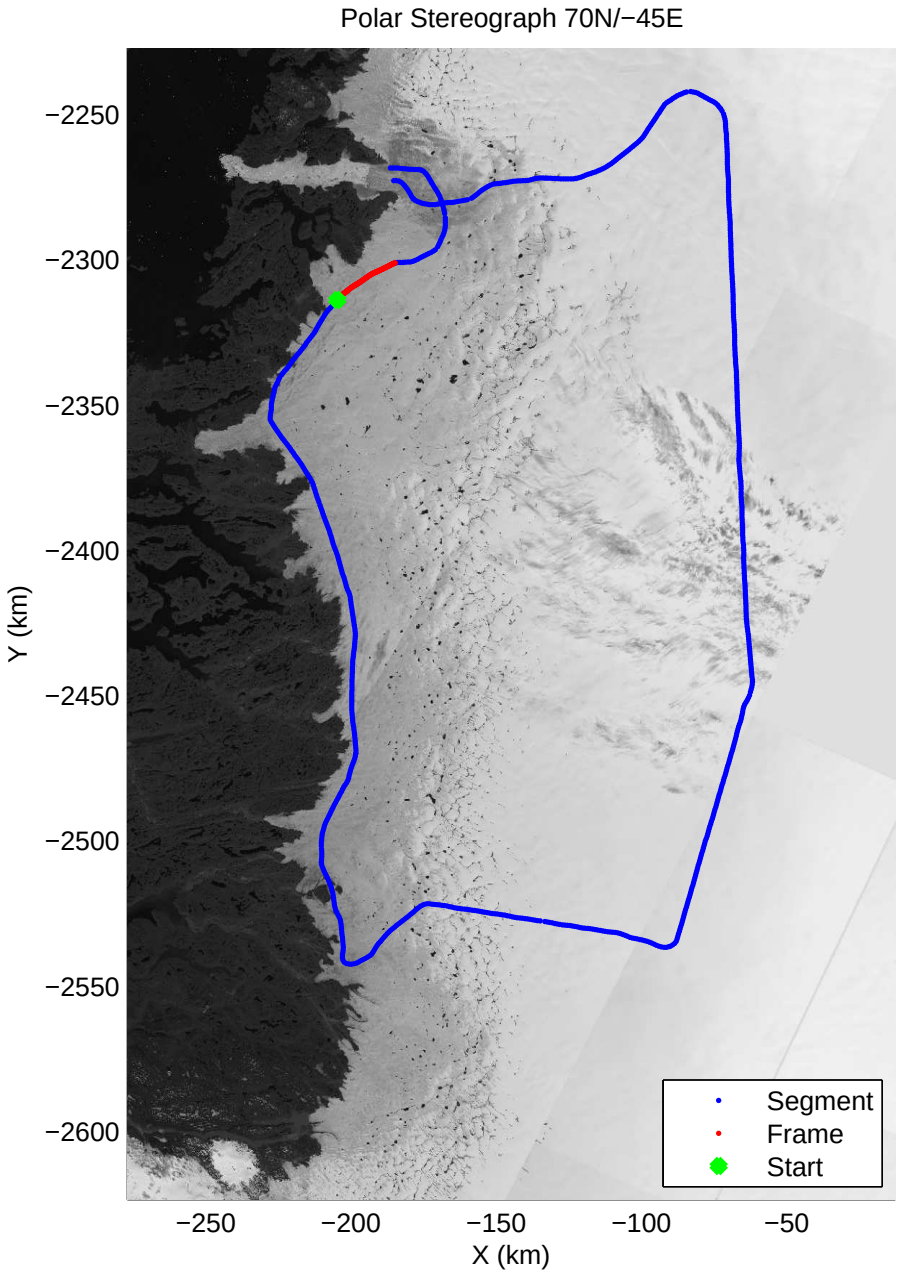

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

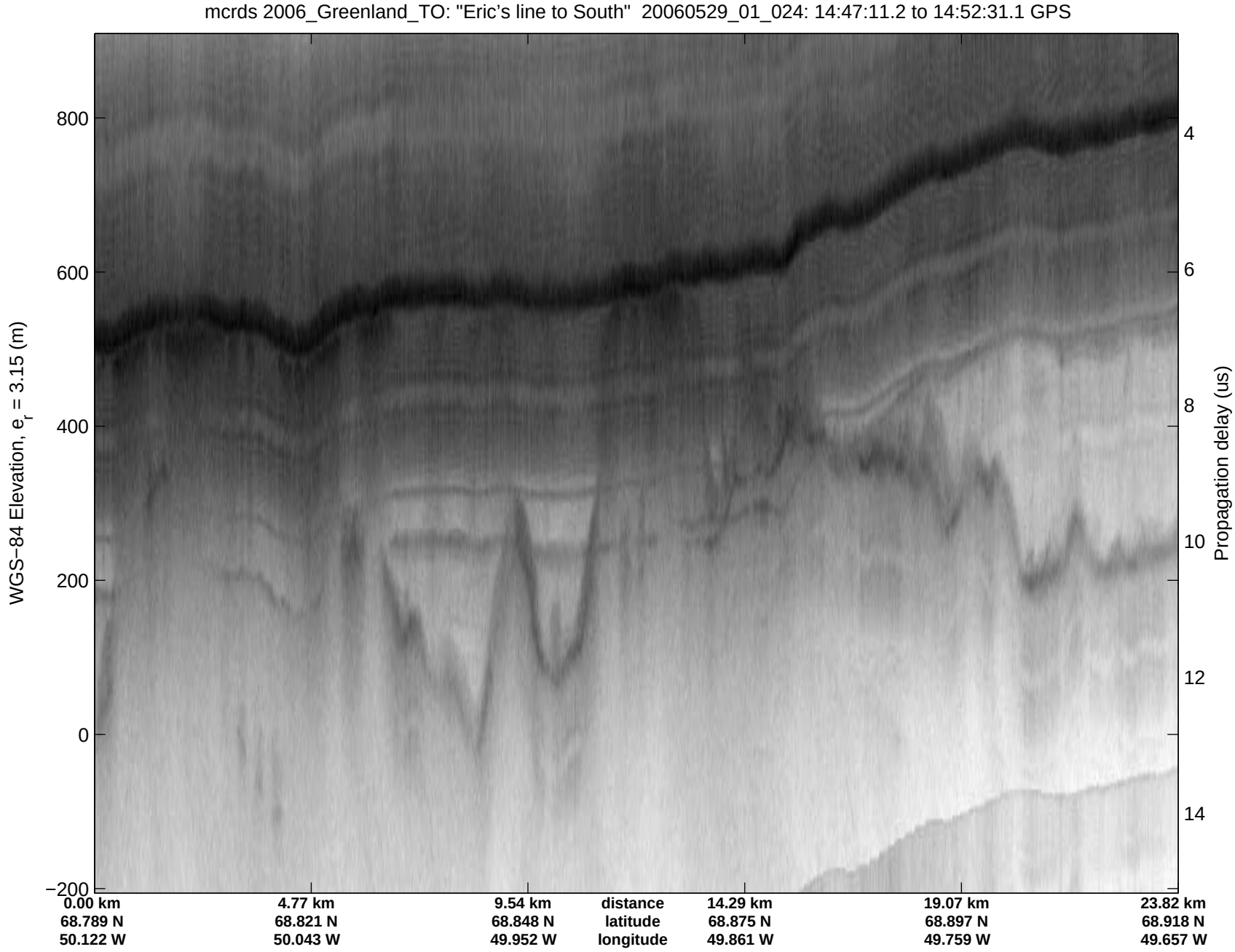

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_023: 14:39:55.6 to 14:47:10.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
68.539 N
50.541 W
6.57 km
68.588 N
50.455 W
13.12 km
68.637 N
50.367 W
distance
latitude
longitude
19.69 km
68.688 N
50.284 W
26.25 km
68.741 N
50.215 W
32.80 km
68.789 N
50.122 W

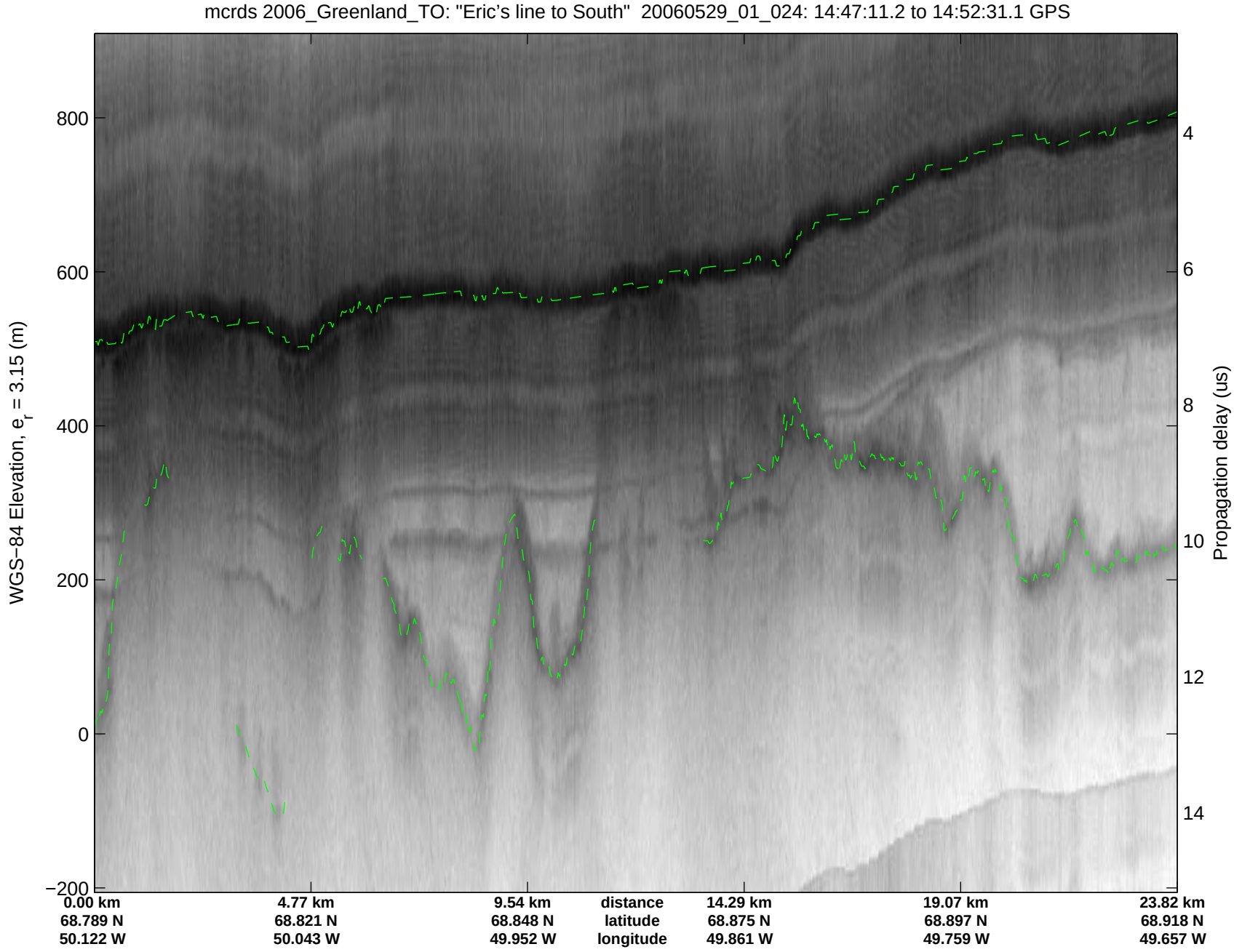

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_023: 14:39:55.6 to 14:47:10.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
0
−500
−1000
−1500
−2000
−2500
−3000
Propagation delay (us)
5
10
15
20
25
30
35
40
45
0.00 km
68.539 N
50.541 W
6.57 km
68.588 N
50.455 W
13.12 km
68.637 N
50.367 W
distance
latitude
longitude
19.69 km
68.688 N
50.284 W
26.25 km
68.741 N
50.215 W
32.80 km
68.789 N
50.122 W

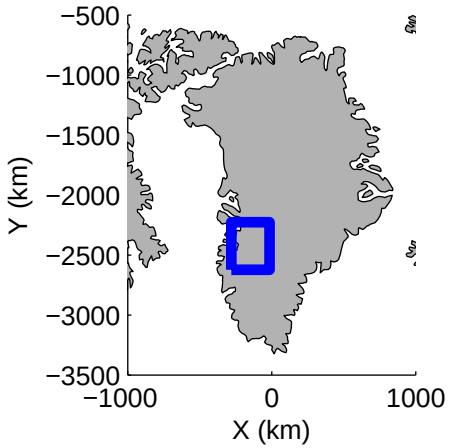

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

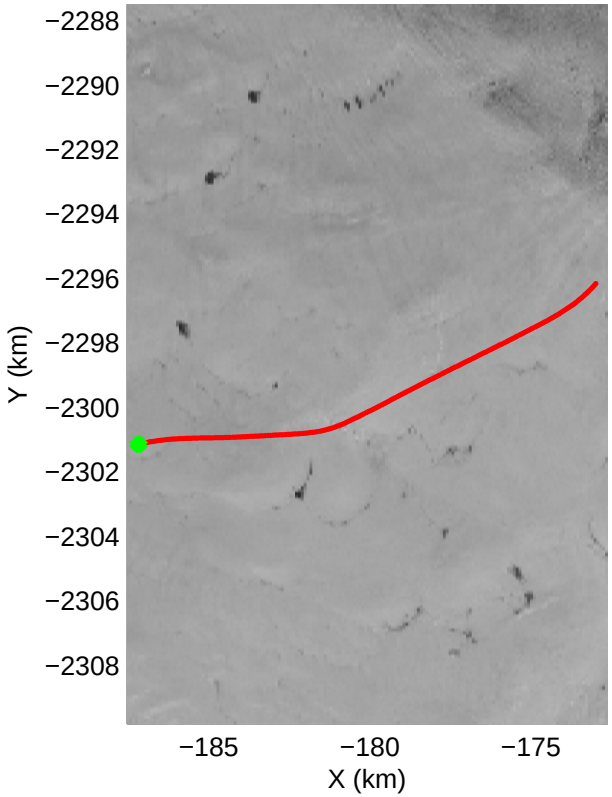

−2295
−2300
−2305
−2310
−2315
−2320
Y (km)
−205
−200
−195
−190
X (km)

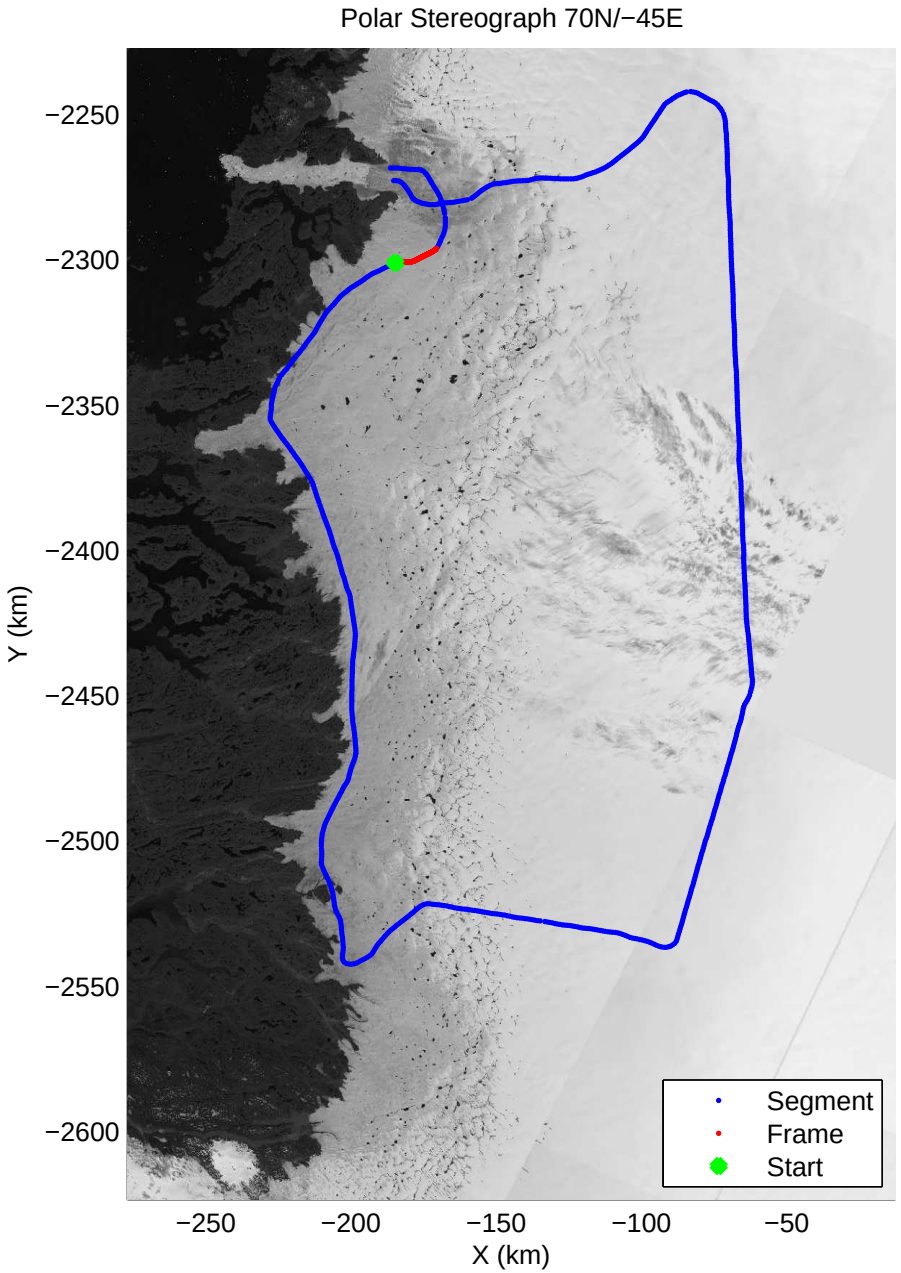

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

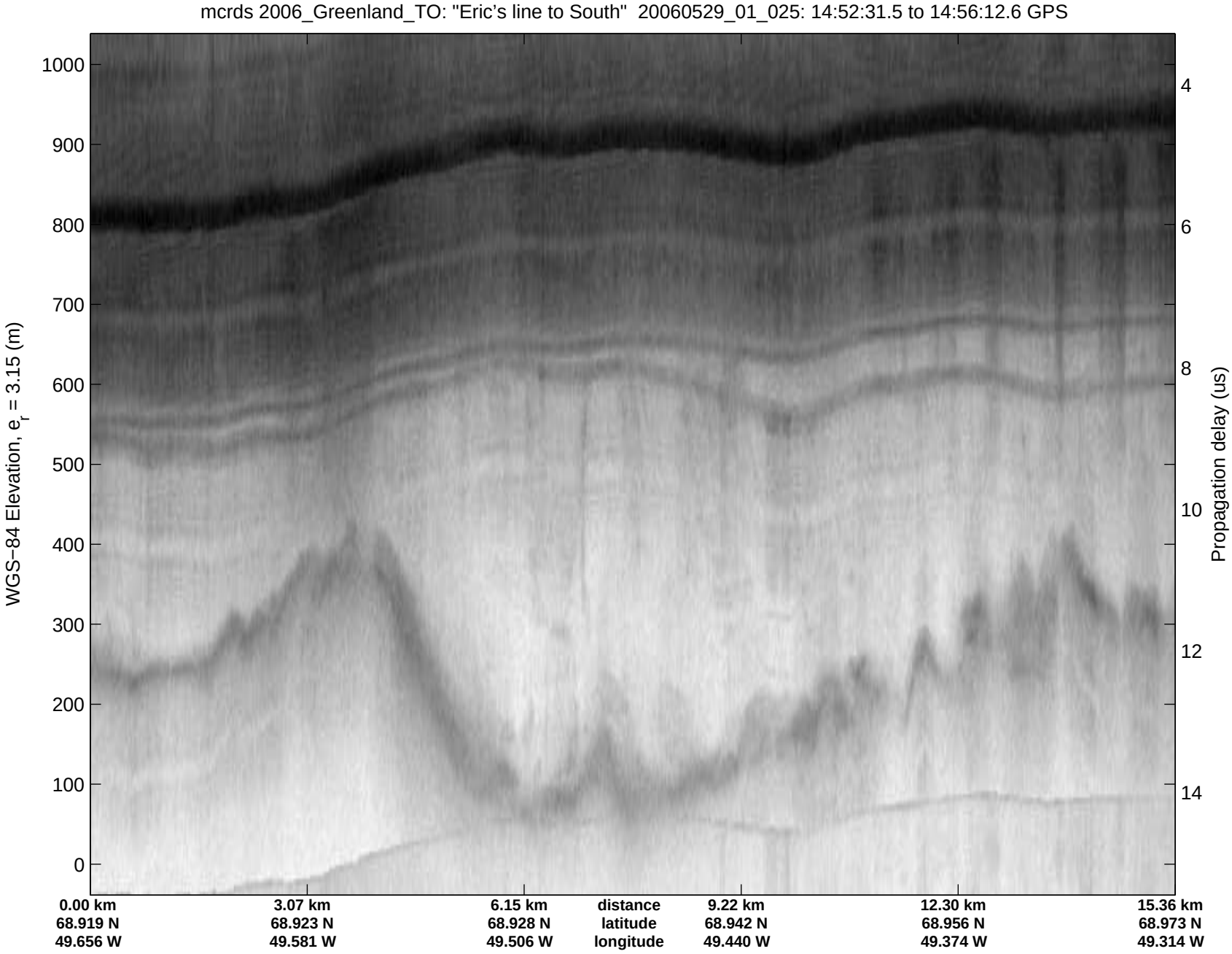

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_024: 14:47:11.2 to 14:52:31.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
800
600
400
200
0
−200
Propagation delay (us)
4
6
8
10
12
14
0.00 km
68.789 N
50.122 W
4.77 km
68.821 N
50.043 W
9.54 km
68.848 N
49.952 W
distance
latitude
longitude
14.29 km
68.875 N
49.861 W
19.07 km
68.897 N
49.759 W
23.82 km
68.918 N
49.657 W

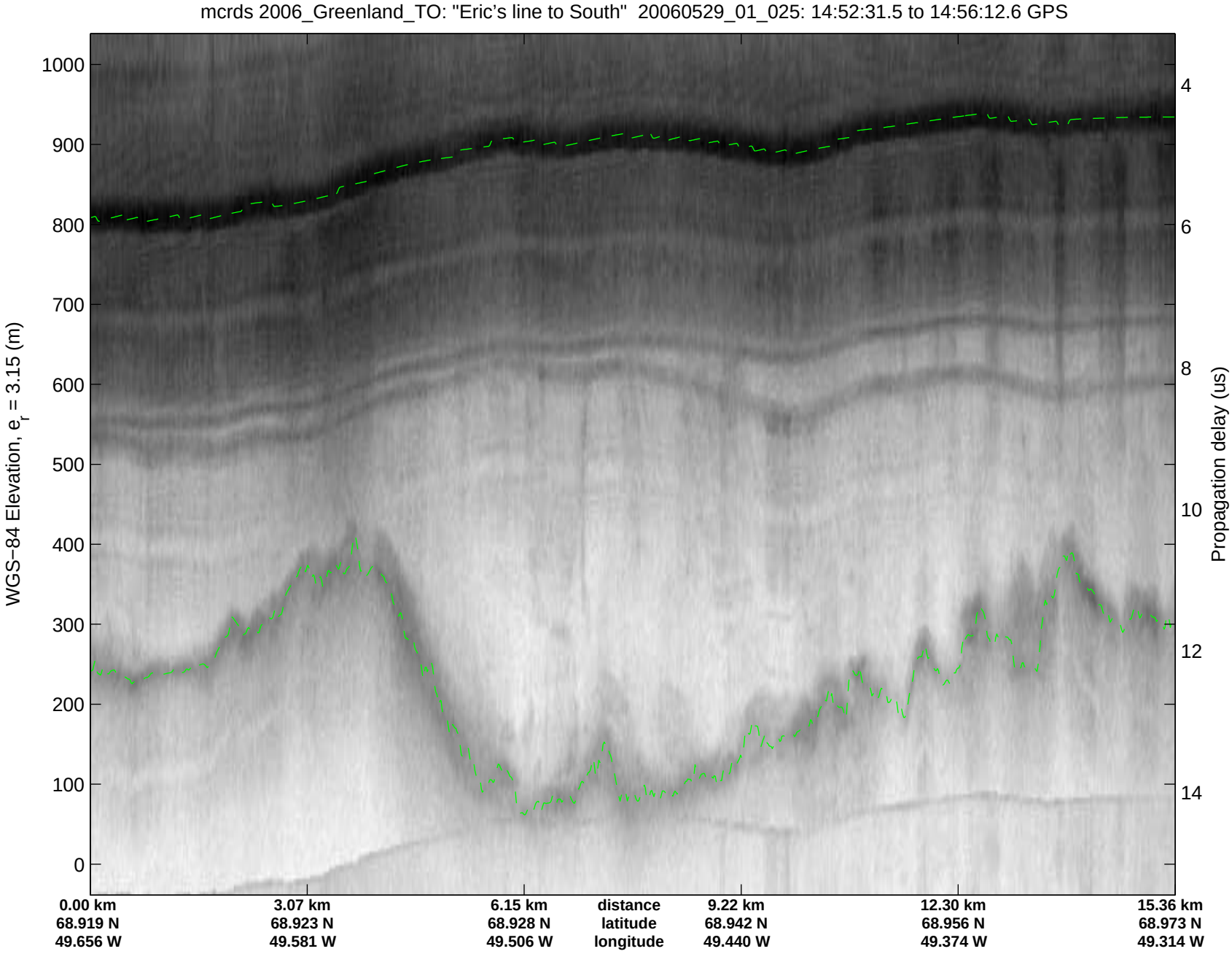

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_024: 14:47:11.2 to 14:52:31.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
800
600
400
200
0
−200
Propagation delay (us)
4
6
8
10
12
14
0.00 km
68.789 N
50.122 W
4.77 km
68.821 N
50.043 W
9.54 km
68.848 N
49.952 W
distance
latitude
longitude
14.29 km
68.875 N
49.861 W
19.07 km
68.897 N
49.759 W
23.82 km
68.918 N
49.657 W

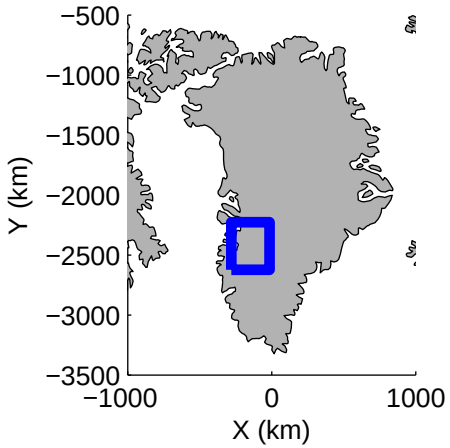

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

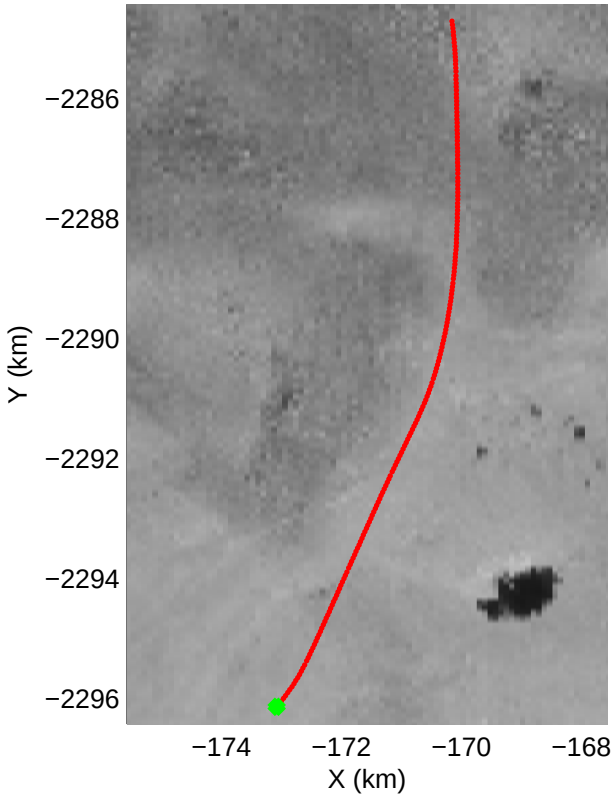

−2288
−2290
−2292
−2294
−2296
−2298
−2300
−2302
−2304
−2306
−2308
Y (km)
−185
−180
−175
X (km)

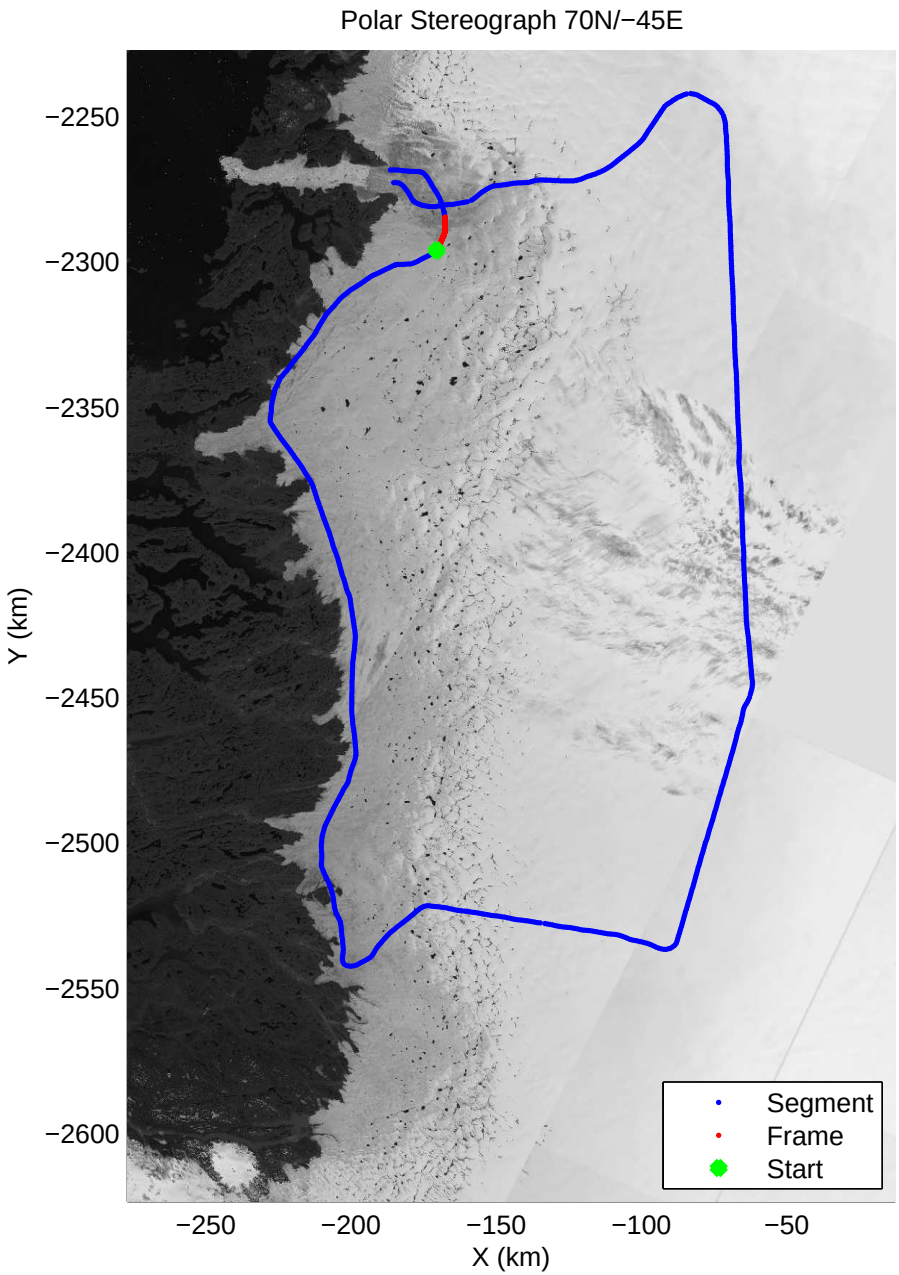

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

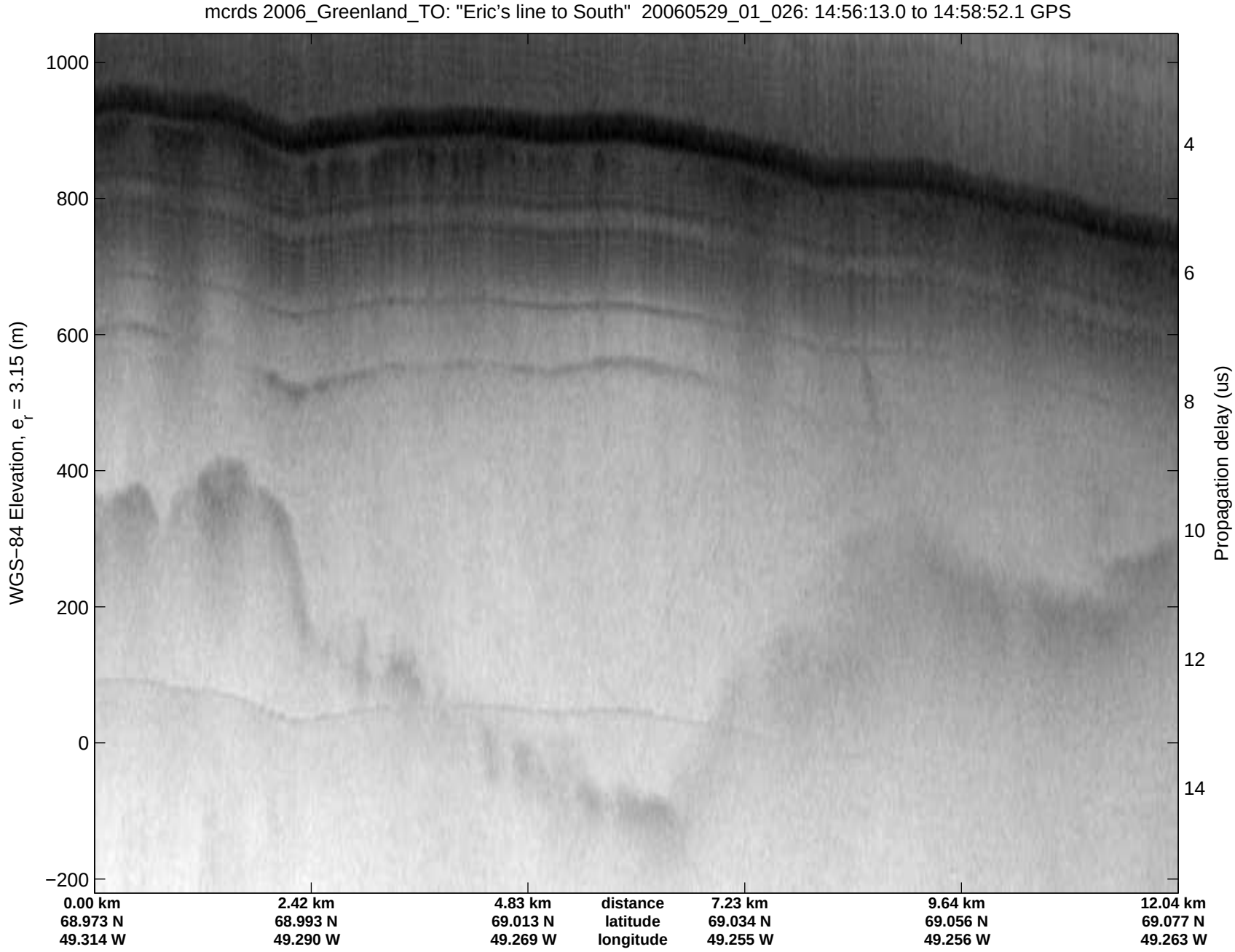

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_025: 14:52:31.5 to 14:56:12.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
900
800
700
600
500
400
300
200
100
0
Propagation delay (us)
4
6
8
10
12
14
0.00 km
68.919 N
49.656 W
3.07 km
68.923 N
49.581 W
6.15 km
68.928 N
49.506 W
distance
latitude
longitude
9.22 km
68.942 N
49.440 W
12.30 km
68.956 N
49.374 W
15.36 km
68.973 N
49.314 W

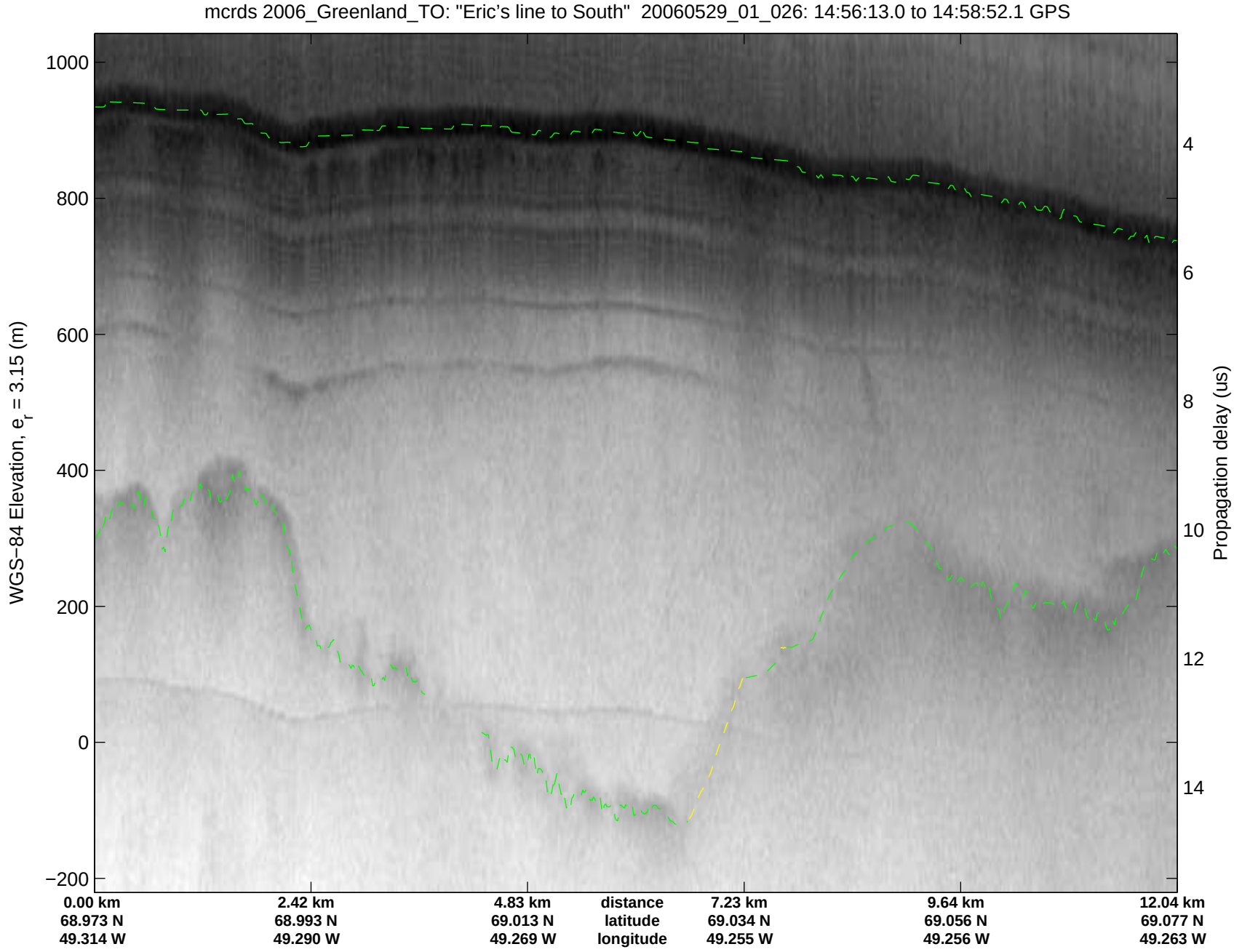

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_025: 14:52:31.5 to 14:56:12.6 GPS
WGS−84 Elevation, e_r = 3.15 (m)
Propagation delay (us)
1000
900
800
700
600
500
400
300
200
100
0
4
6
8
10
12
14
0.00 km
68.919 N
49.656 W
3.07 km
68.923 N
49.581 W
6.15 km
68.928 N
49.506 W
distance
latitude
longitude
9.22 km
68.942 N
49.440 W
12.30 km
68.956 N
49.374 W
15.36 km
68.973 N
49.314 W

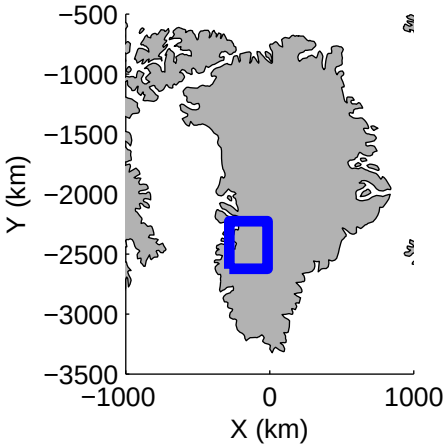

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

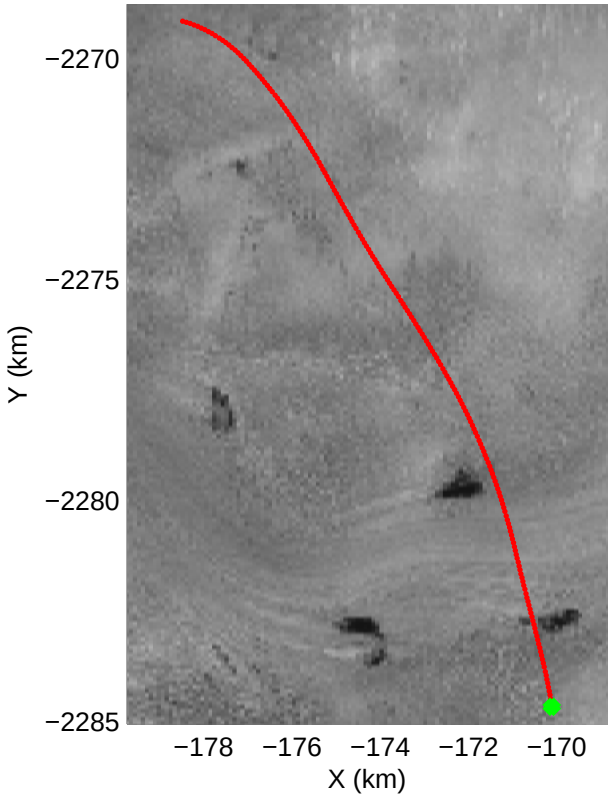

−2286
−2288
−2290
−2292
−2294
−2296
Y (km)
−174
−172
−170
−168
X (km)

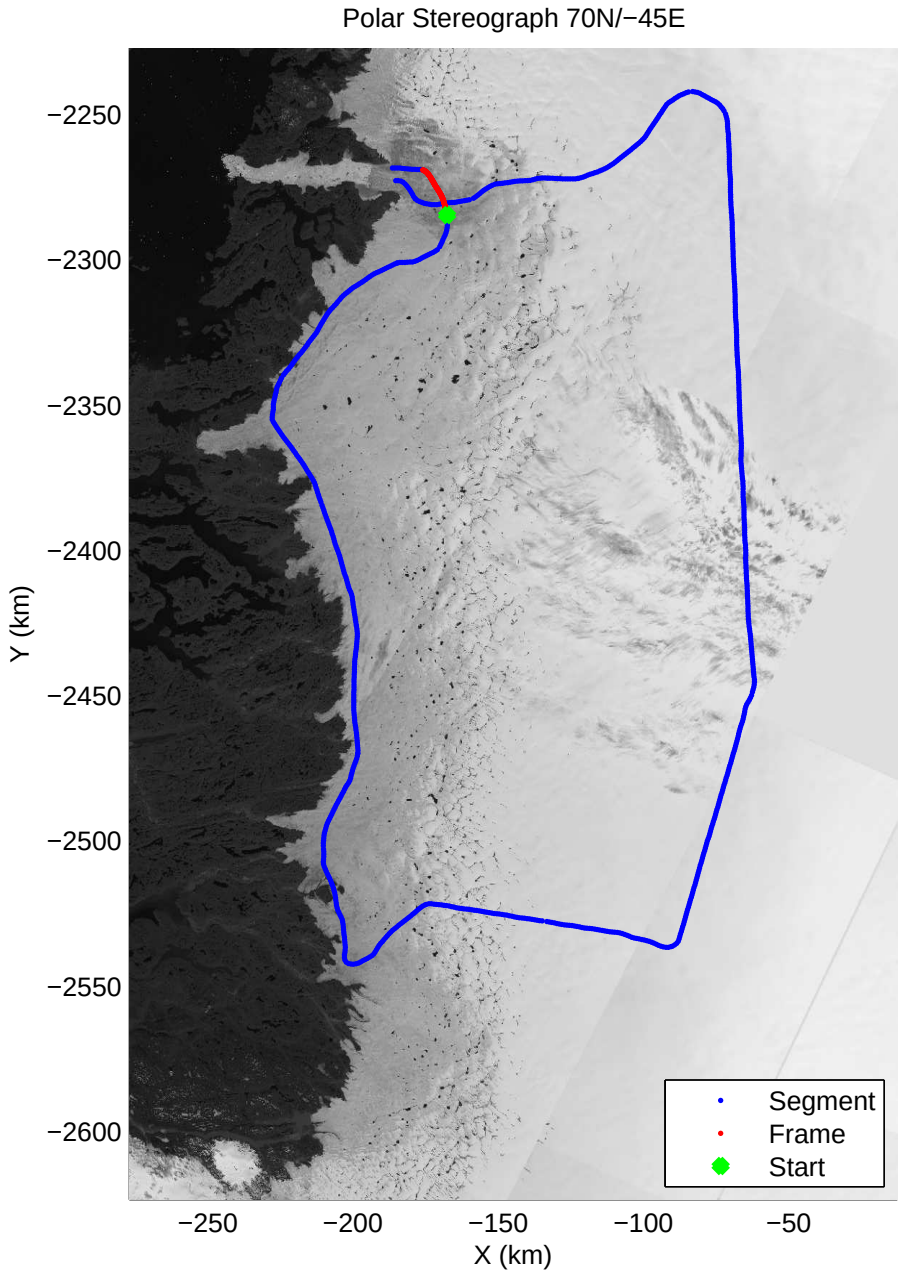

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

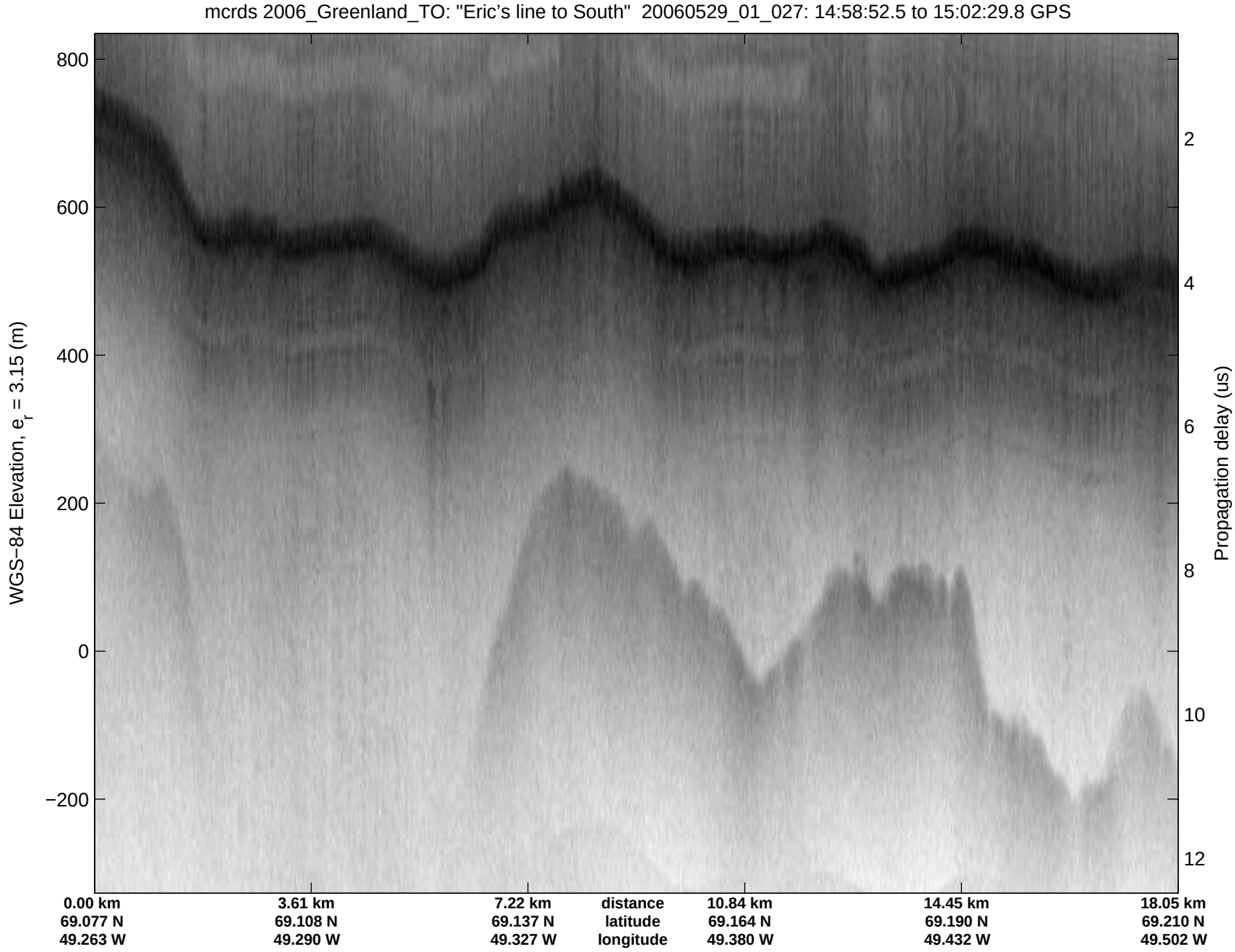

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_026: 14:56:13.0 to 14:58:52.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
800
600
400
200
0
−200
Propagation delay (us)
4
6
8
10
12
14
0.00 km
68.973 N
49.314 W
2.42 km
68.993 N
49.290 W
4.83 km
69.013 N
49.269 W
distance
latitude
longitude
7.23 km
69.034 N
49.255 W
9.64 km
69.056 N
49.256 W
12.04 km
69.077 N
49.263 W

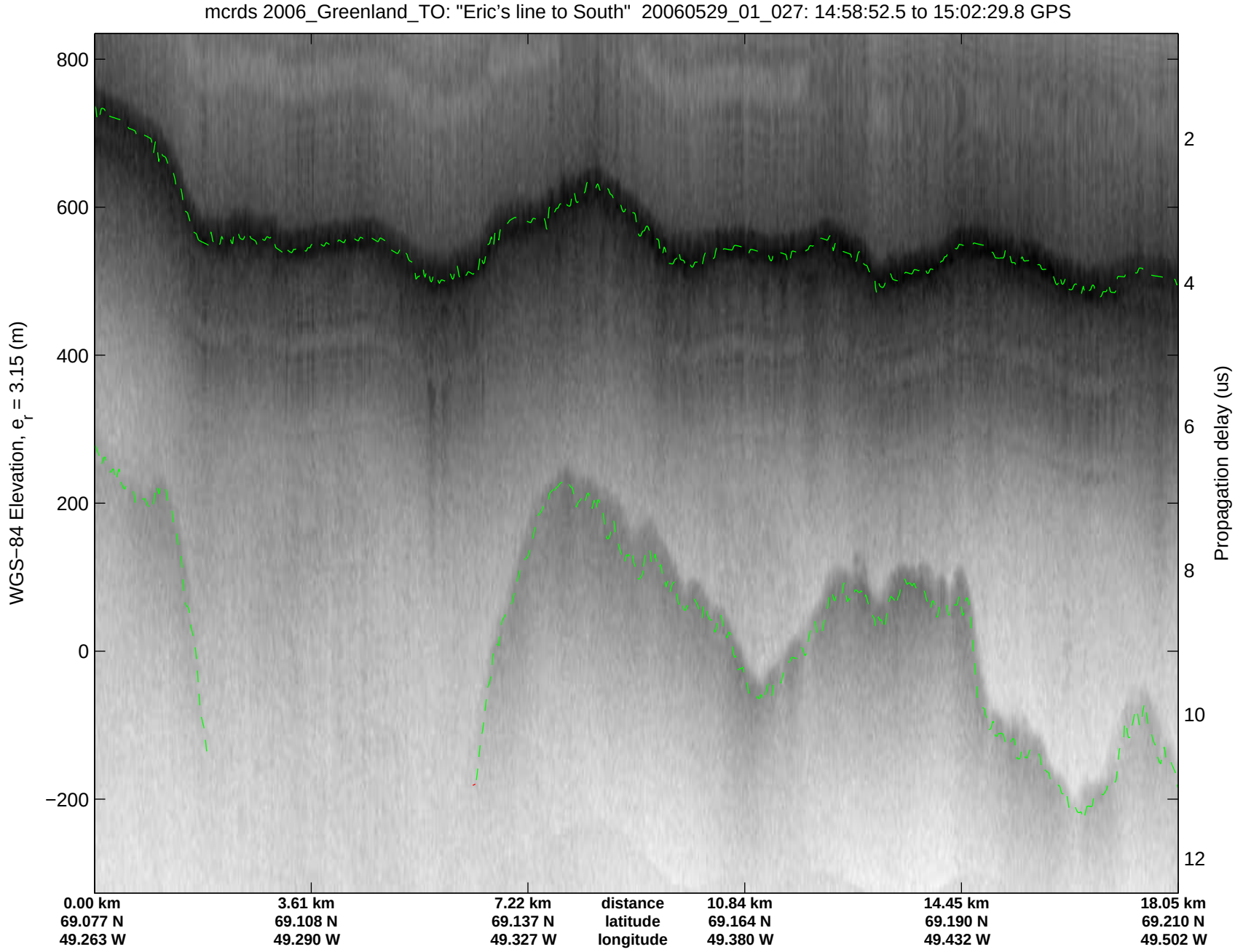

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_026: 14:56:13.0 to 14:58:52.1 GPS
WGS−84 Elevation, e_r = 3.15 (m)
1000
800
600
400
200
0
−200
Propagation delay (us)
4
6
8
10
12
14
0.00 km
68.973 N
49.314 W
2.42 km
68.993 N
49.290 W
4.83 km
69.013 N
49.269 W
distance
latitude
longitude
7.23 km
69.034 N
49.255 W
9.64 km
69.056 N
49.256 W
12.04 km
69.077 N
49.263 W

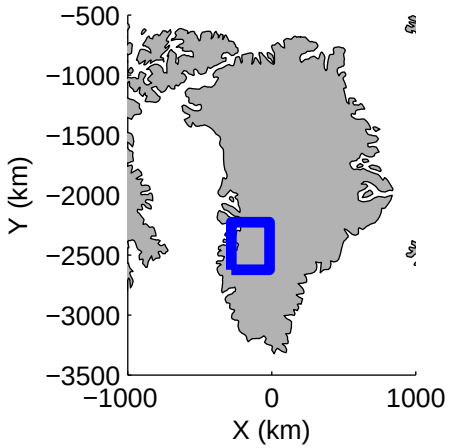

−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)

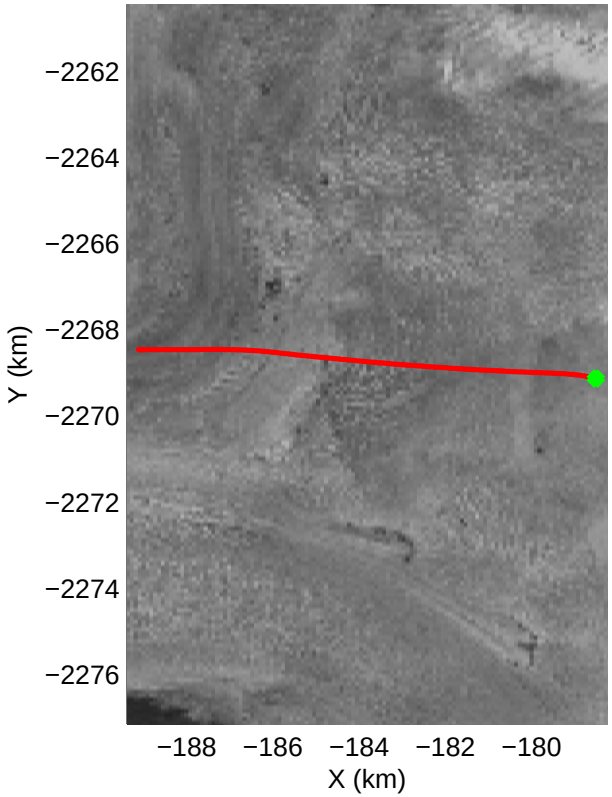

−2270
−2275
−2280
−2285
Y (km)
−178
−176
−174
−172
−170
X (km)

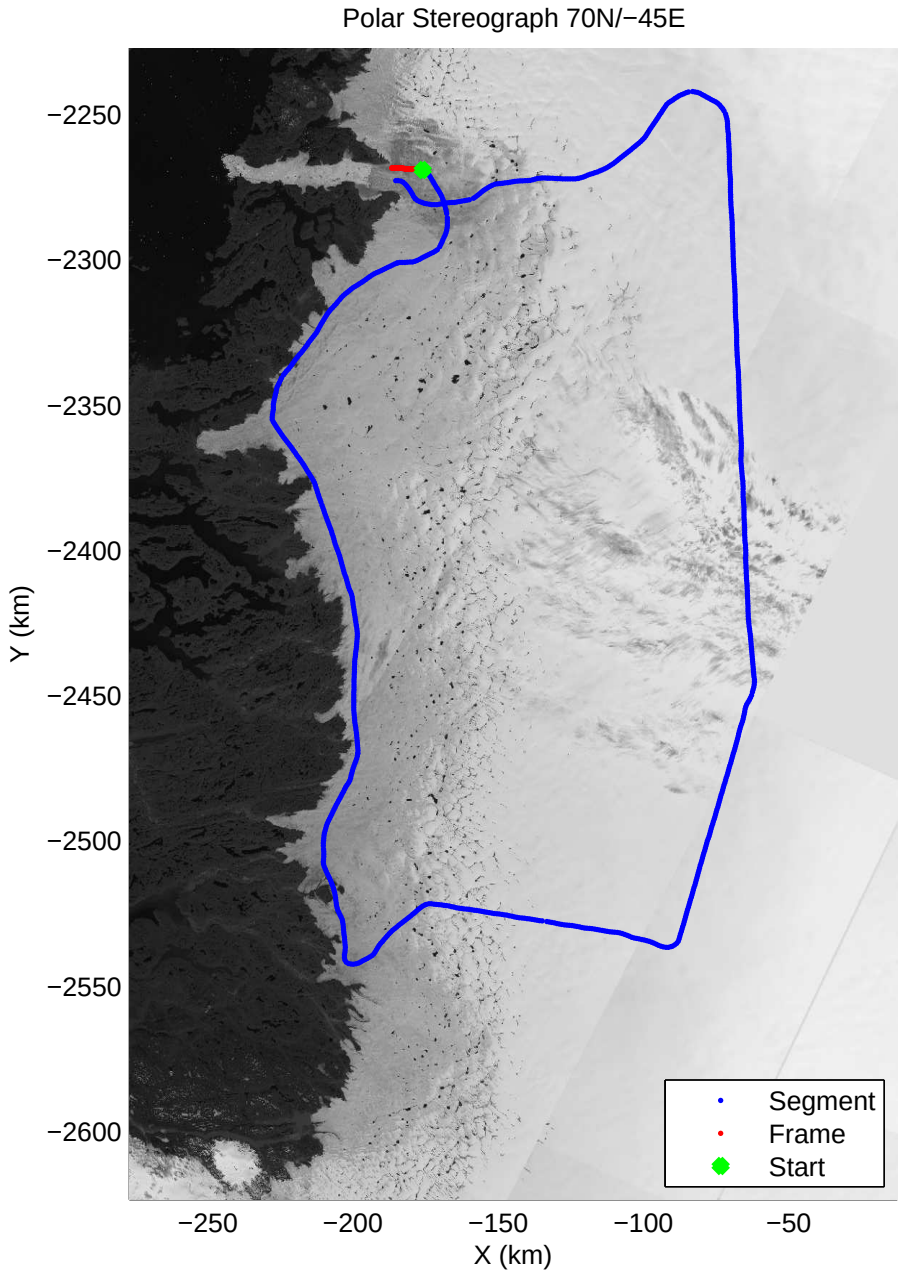

Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start

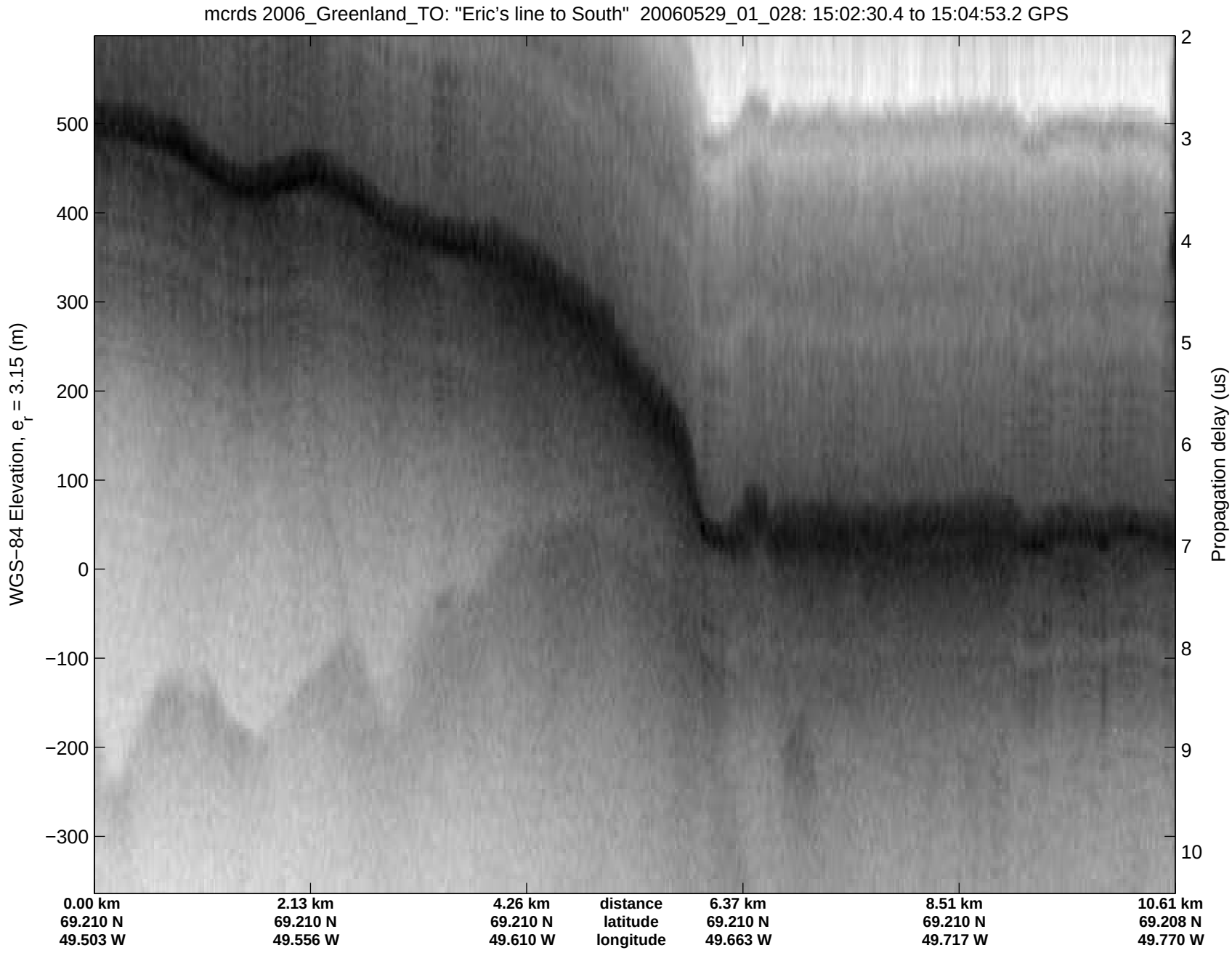

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_027: 14:58:52.5 to 15:02:29.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
800
600
400
200
0
−200
Propagation delay (us)
2
4
6
8
10
12
0.00 km
69.077 N
49.263 W
3.61 km
69.108 N
49.290 W
7.22 km
69.137 N
49.327 W
distance
latitude
longitude
10.84 km
69.164 N
49.380 W
14.45 km
69.190 N
49.432 W
18.05 km
69.210 N
49.502 W

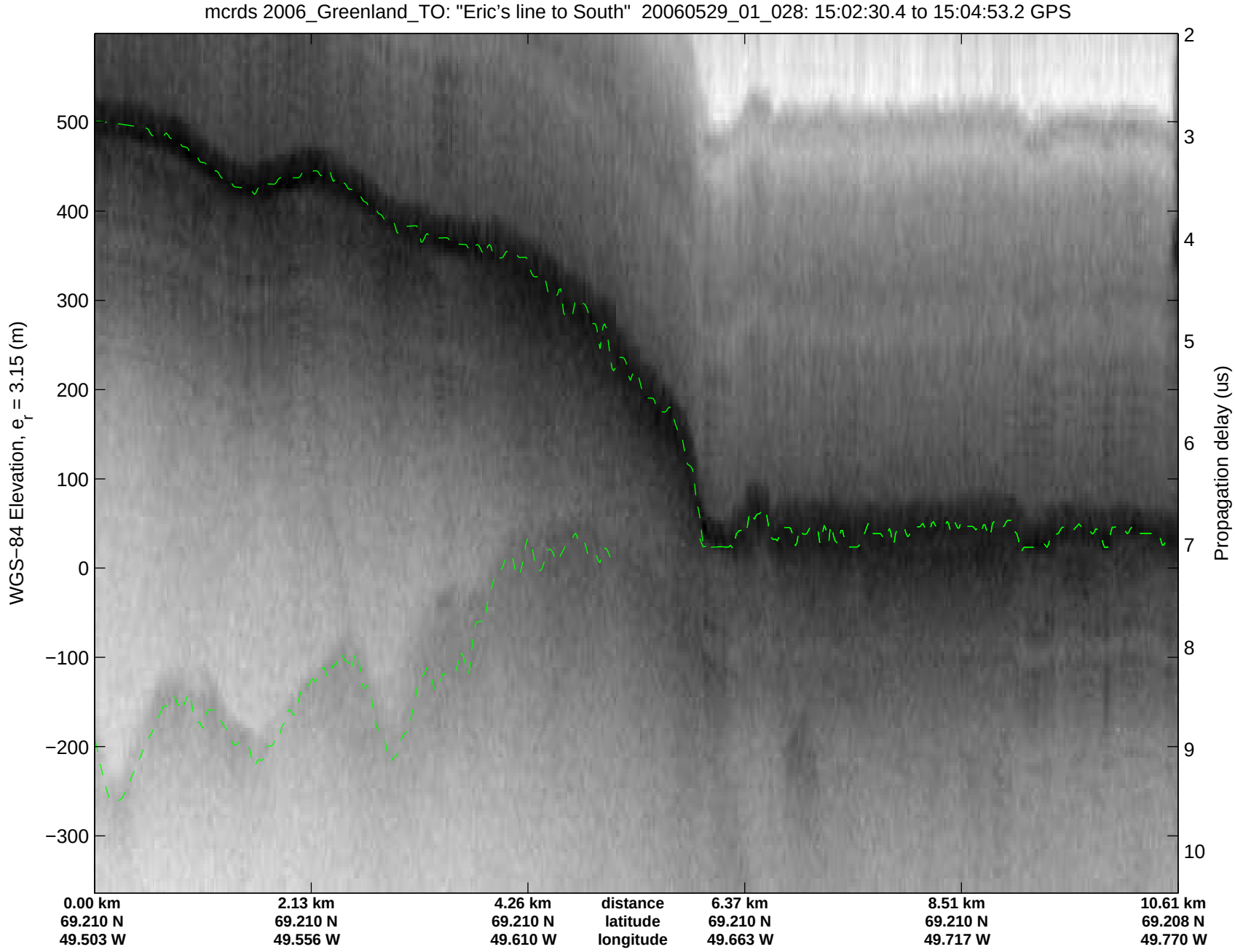

mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_027: 14:58:52.5 to 15:02:29.8 GPS
WGS−84 Elevation, e_r = 3.15 (m)
800
600
400
200
0
−200
Propagation delay (us)
2
4
6
8
10
12
0.00 km
69.077 N
49.263 W
3.61 km
69.108 N
49.290 W
7.22 km
69.137 N
49.327 W
distance
latitude
longitude
10.84 km
69.164 N
49.380 W
14.45 km
69.190 N
49.432 W
18.05 km
69.210 N
49.502 W


−500
−1000
−1500
−2000
−2500
−3000
−3500
Y (km)
−1000
0
1000
X (km)


−2262
−2264
−2266
−2268
−2270
−2272
−2274
−2276
Y (km)
−188
−186
−184
−182
−180
X (km)


Polar Stereograph 70N/−45E
−2250
−2300
−2350
−2400
−2450
−2500
−2550
−2600
Y (km)
−250
−200
−150
−100
−50
X (km)
Segment
Frame
Start


mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_028: 15:02:30.4 to 15:04:53.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
500
400
300
200
100
0
−100
−200
−300
Propagation delay (us)
2
3
4
5
6
7
8
9
10
0.00 km
69.210 N
49.503 W
2.13 km
69.210 N
49.556 W
4.26 km
69.210 N
49.610 W
distance
latitude
longitude
6.37 km
69.210 N
49.663 W
8.51 km
69.210 N
49.717 W
10.61 km
69.208 N
49.770 W


mcrds 2006_Greenland_TO: "Eric's line to South" 20060529_01_028: 15:02:30.4 to 15:04:53.2 GPS
WGS−84 Elevation, e_r = 3.15 (m)
Propagation delay (us)
500
400
300
200
100
0
−100
−200
−300
2
3
4
5
6
7
8
9
10
0.00 km
69.210 N
49.503 W
2.13 km
69.210 N
49.556 W
4.26 km
69.210 N
49.610 W
distance
latitude
longitude
6.37 km
69.210 N
49.663 W
8.51 km
69.210 N
49.717 W
10.61 km
69.208 N
49.770 W