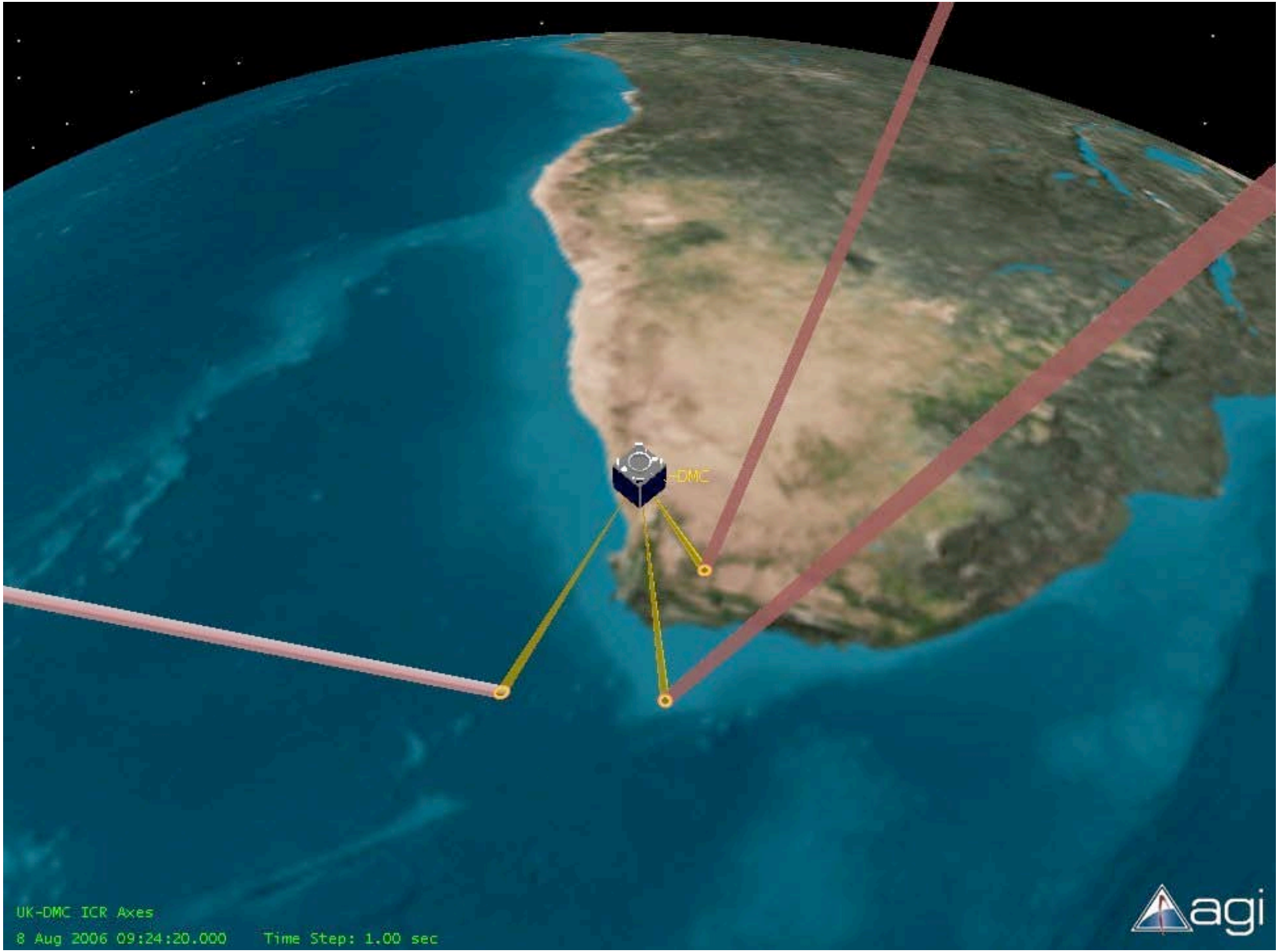
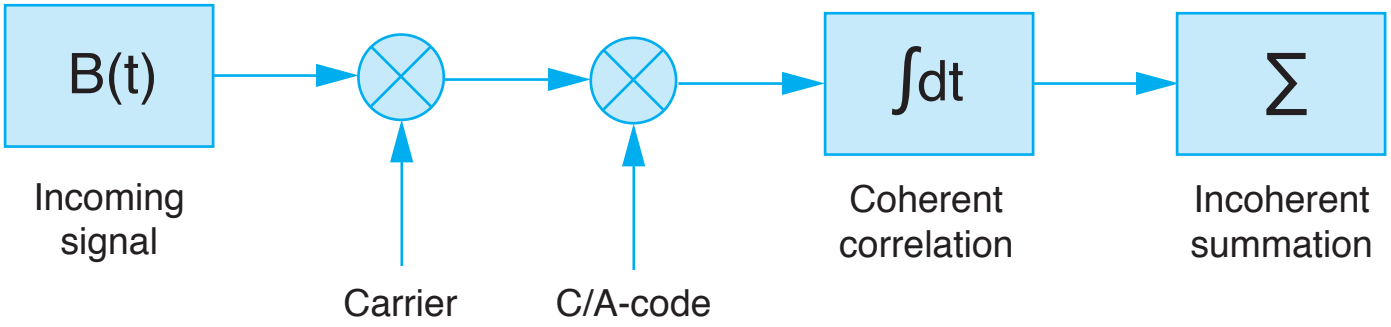
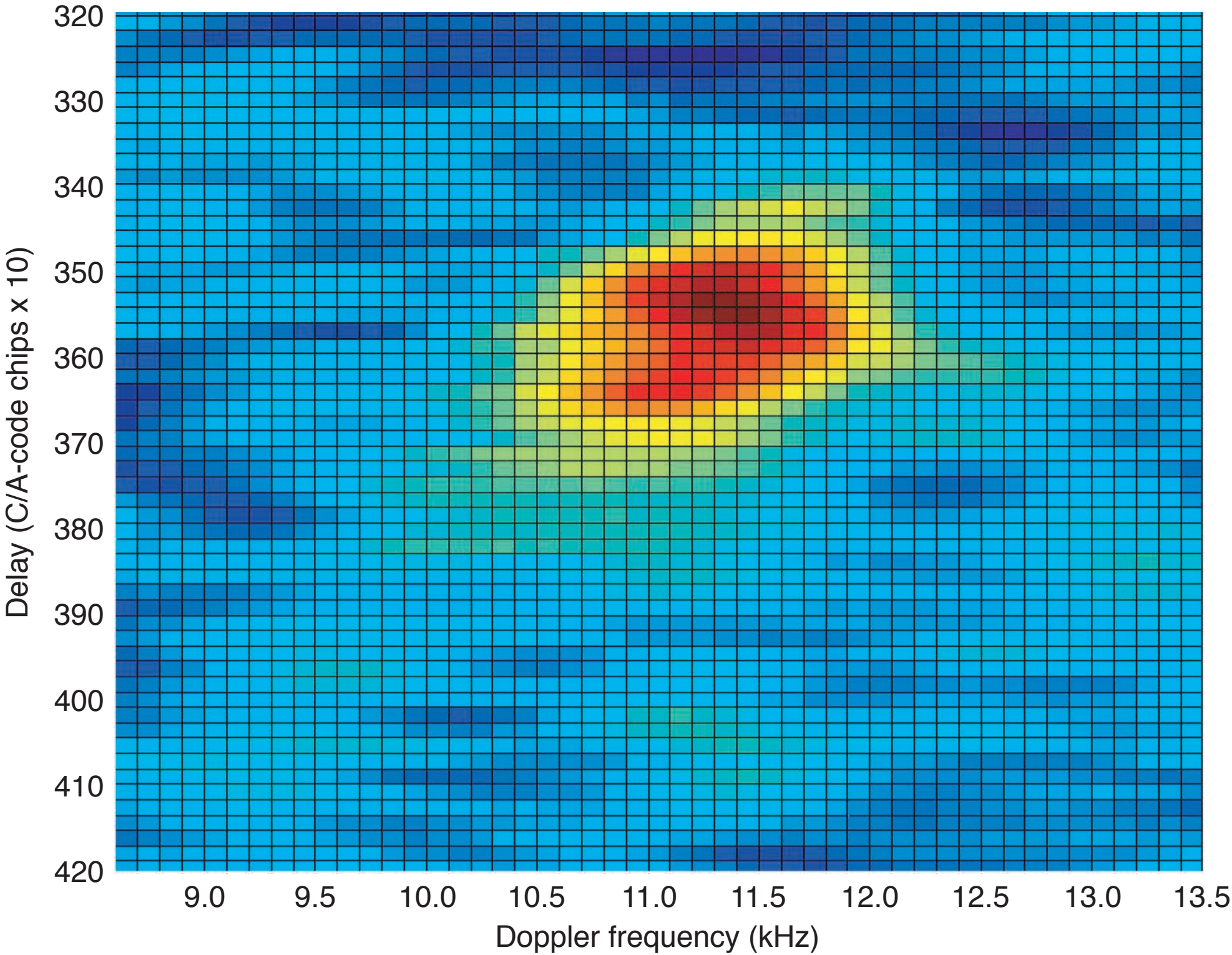
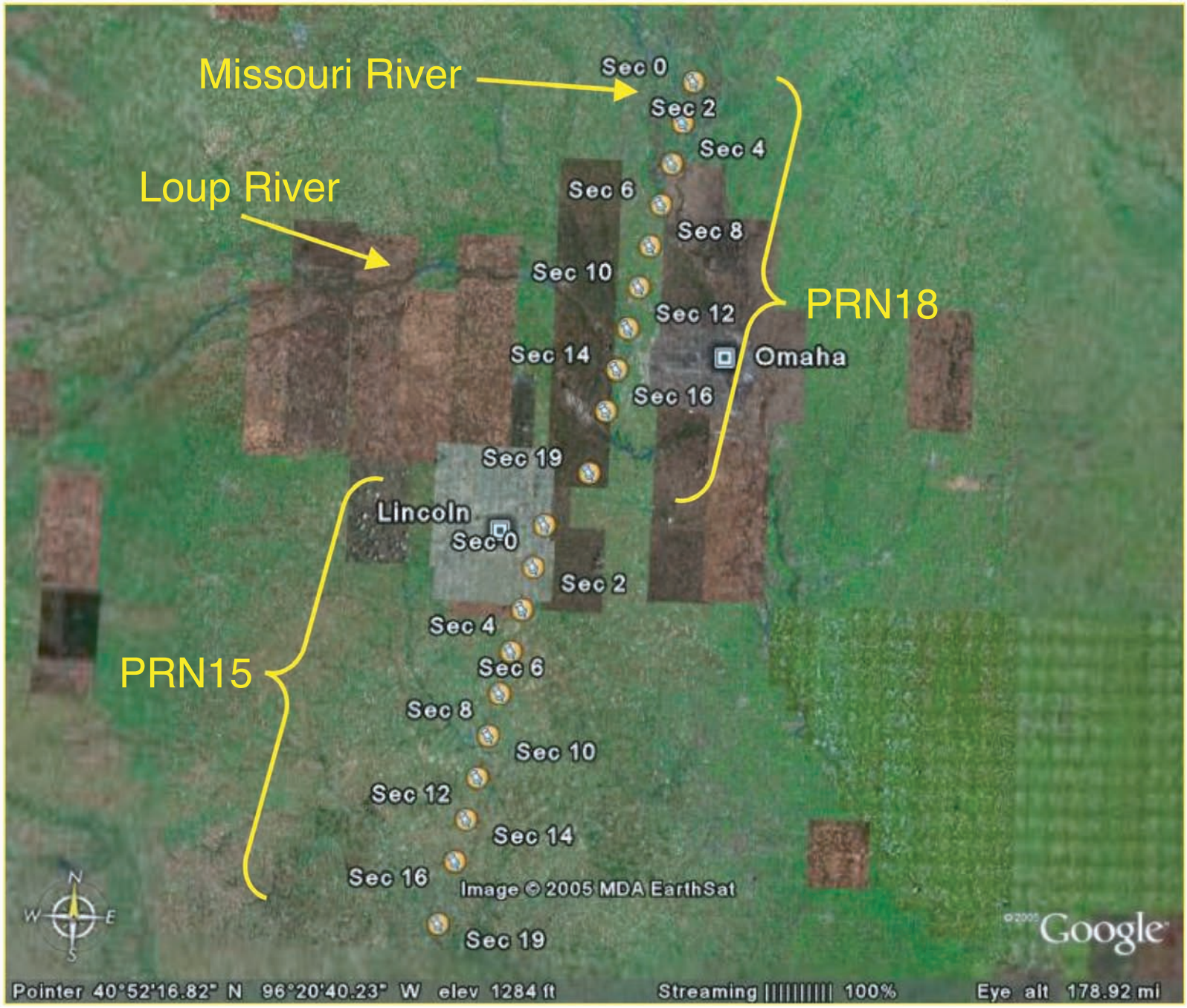
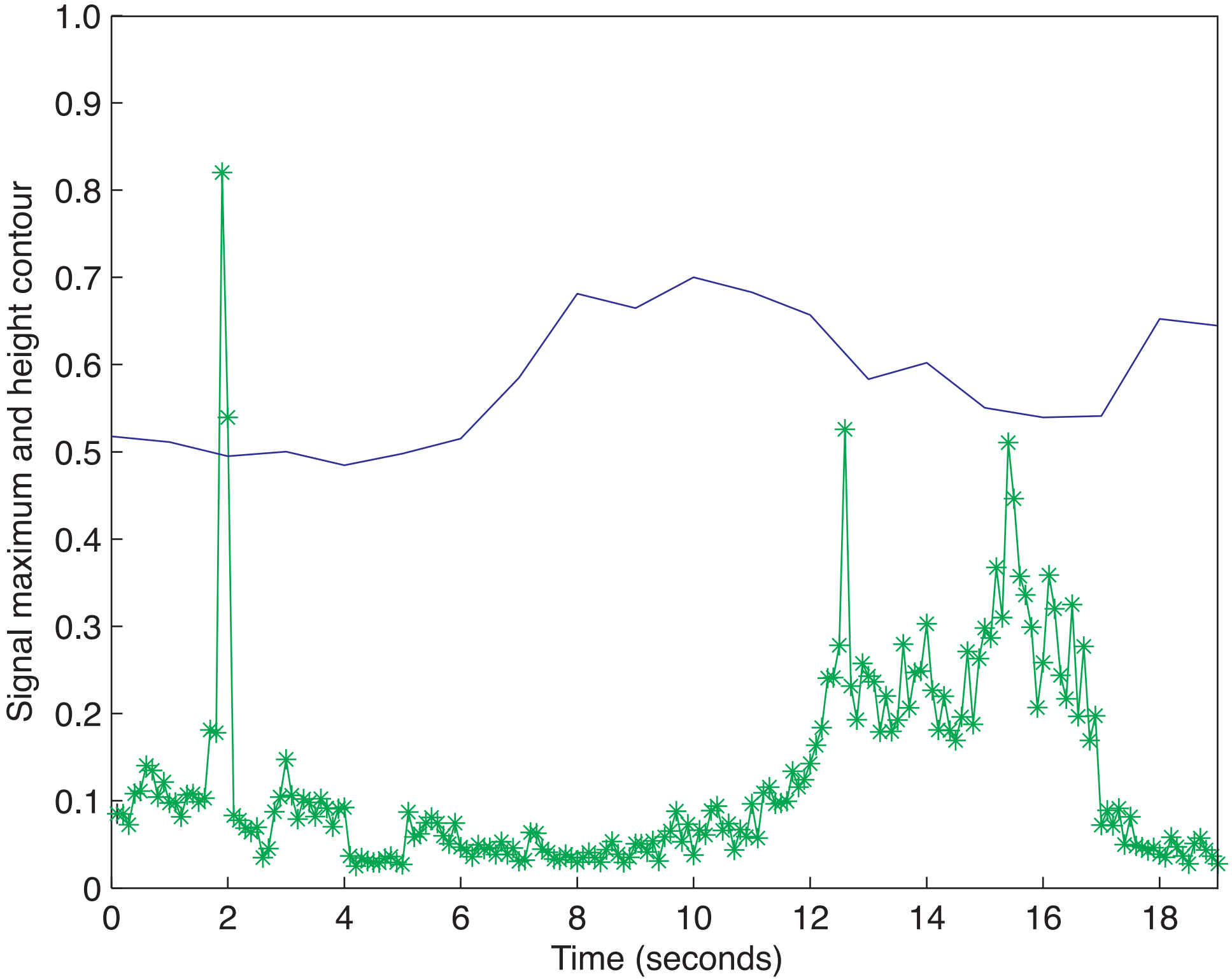
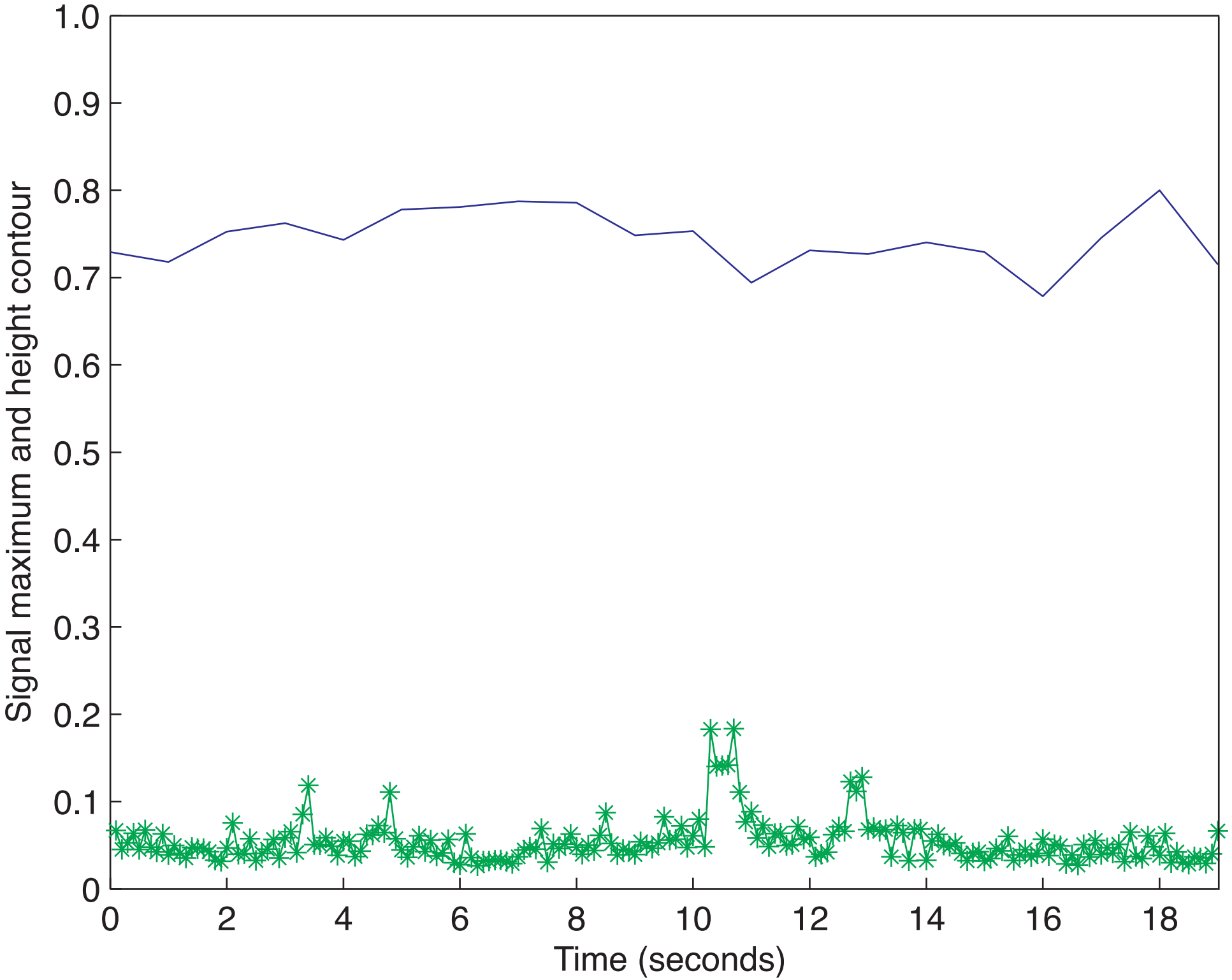

-DMC
UK-DMC ICR Axes
8 Aug 2006 09:24:20.000 Time Step: 1.00 sec
agi

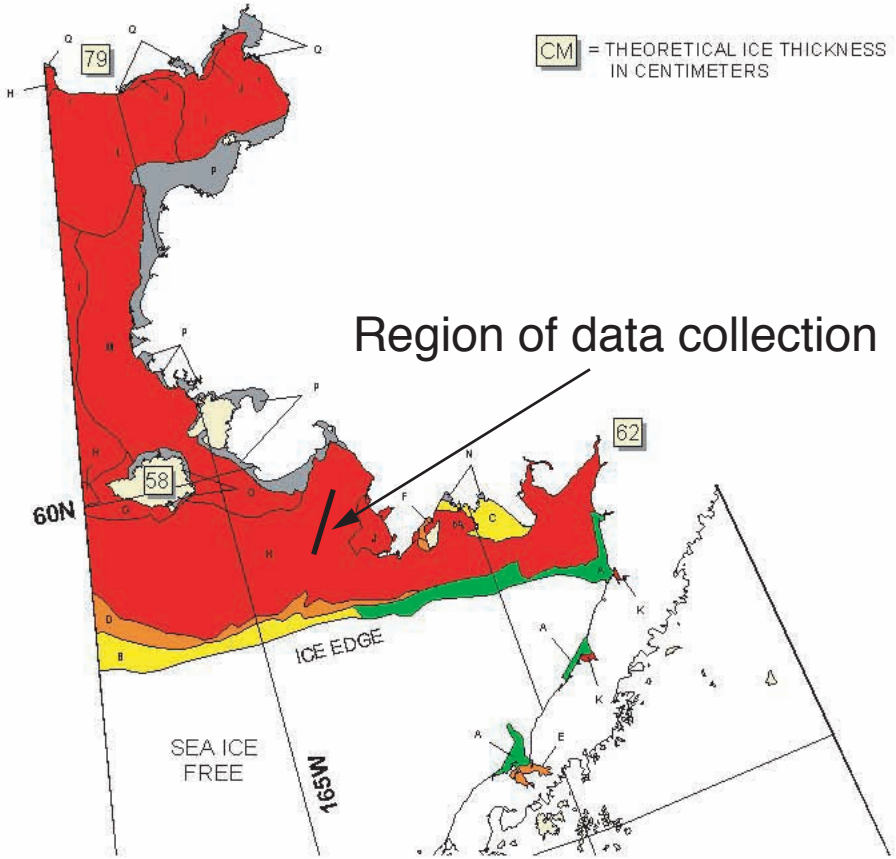

B(t)
∫dt
Σ
Incoming signal
Carrier
C/A-code
Coherent correlation
Incoherent summation

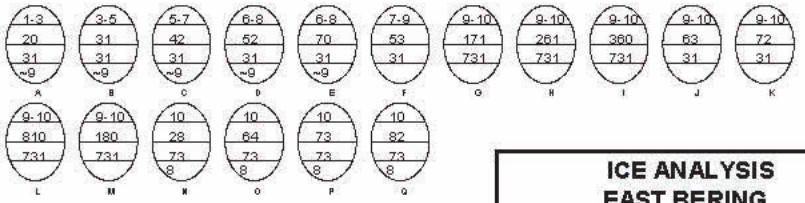

320
330
340
350
360
370
380
390
400
410
420
Delay (C/A-code chips x 10)
9.0
9.5
10.0
10.5
11.0
11.5
12.0
12.5
13.0
13.5
Doppler frequency (kHz)


Missouri River
Loup River
Sec 0
Sec 2
Sec 4
Sec 6
Sec 8
Sec 10
Sec 12
Sec 14
Sec 16
Sec 19
PRN18
Omaha
Lincoln
Sec 0
Sec 2
Sec 4
Sec 6
Sec 8
Sec 10
Sec 12
Sec 14
Sec 16
Sec 19
PRN15
Image © 2005 MDA EarthSat
Google
Pointer 40°52'16.82" N 96°20'40.23" W elev 1284 ft
Streaming 100%
Eye alt 178.92 mi


Signal maximum and height contour
Time (seconds)
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
2
4
6
8
10
12
14
16
18


1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Signal maximum and height contour
0
2
4
6
8
10
12
14
16
18
Time (seconds)





COLOR CODES BASED ON TOTAL CONCENTRATION

ICE FREE	4-6 TENTHS	FAST ICE (TEN TENTHS)
LESS THAN 1 TENTH	7-8 TENTHS	ICE SHELF
1-3 TENTHS	9-10 TENTHS	UNDEFINED ICE

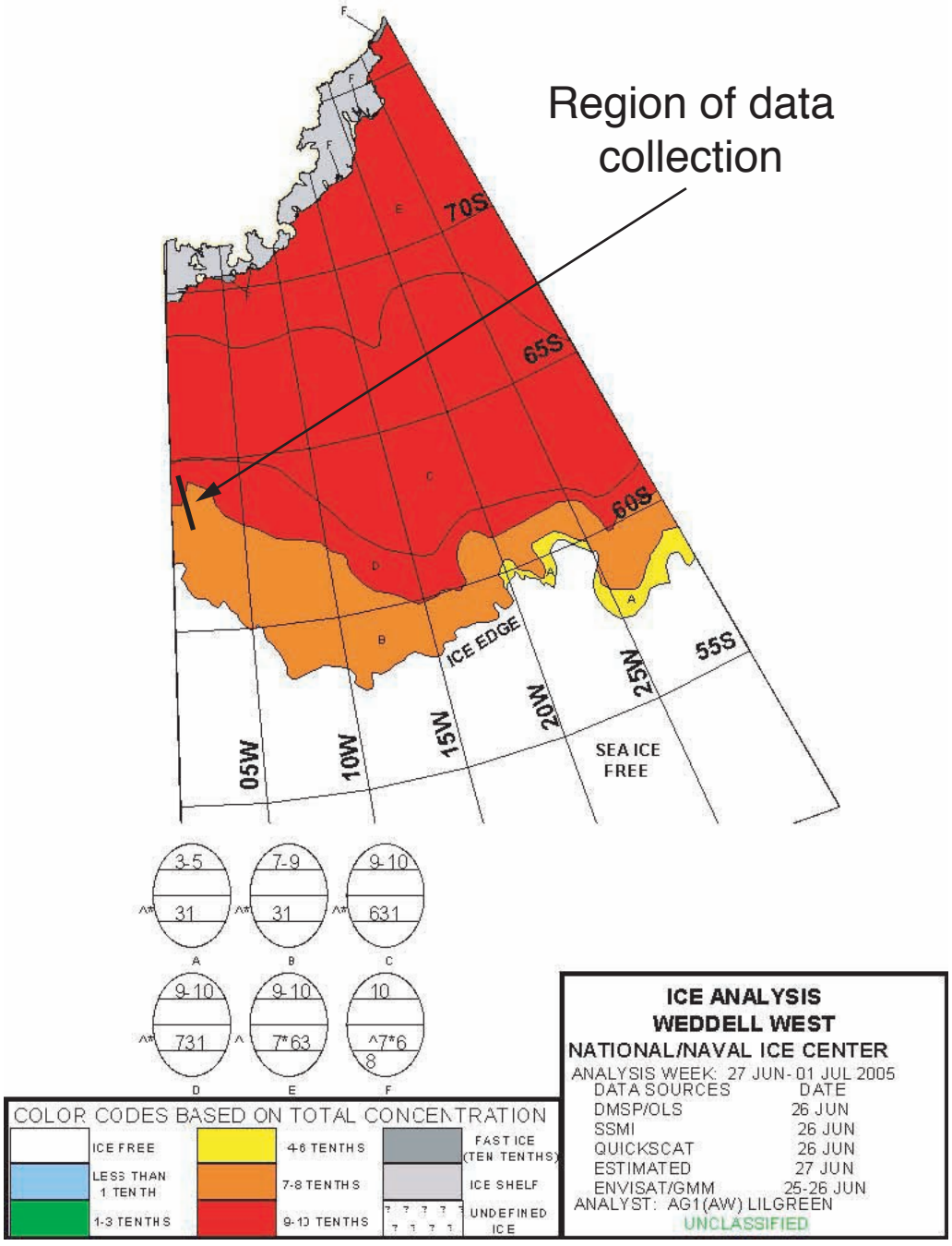
ICE ANALYSIS
EAST BERING
NATIONAL/NAVAL ICE CENTER

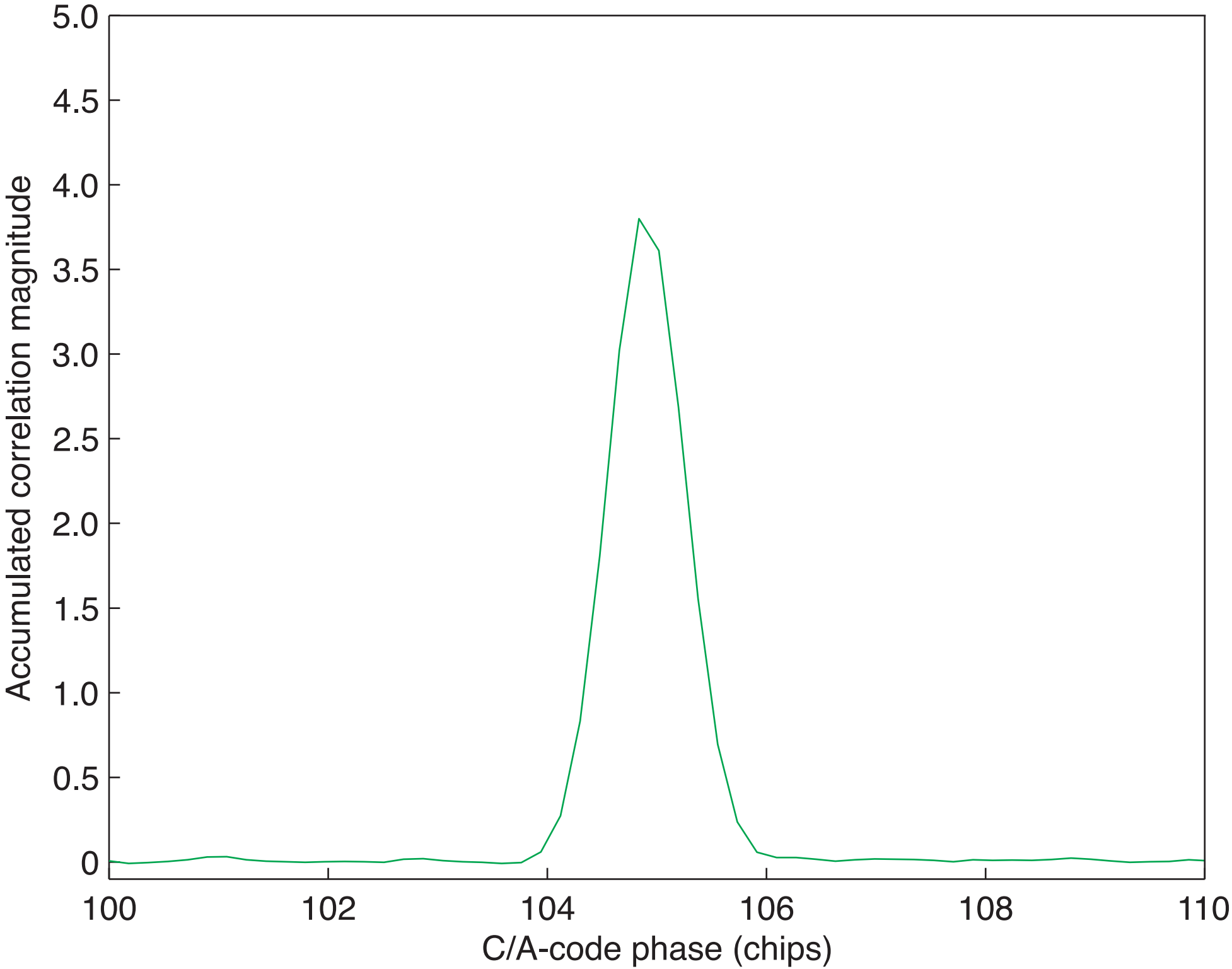
ANALYSIS WEEK: 02-06 FEB 2004

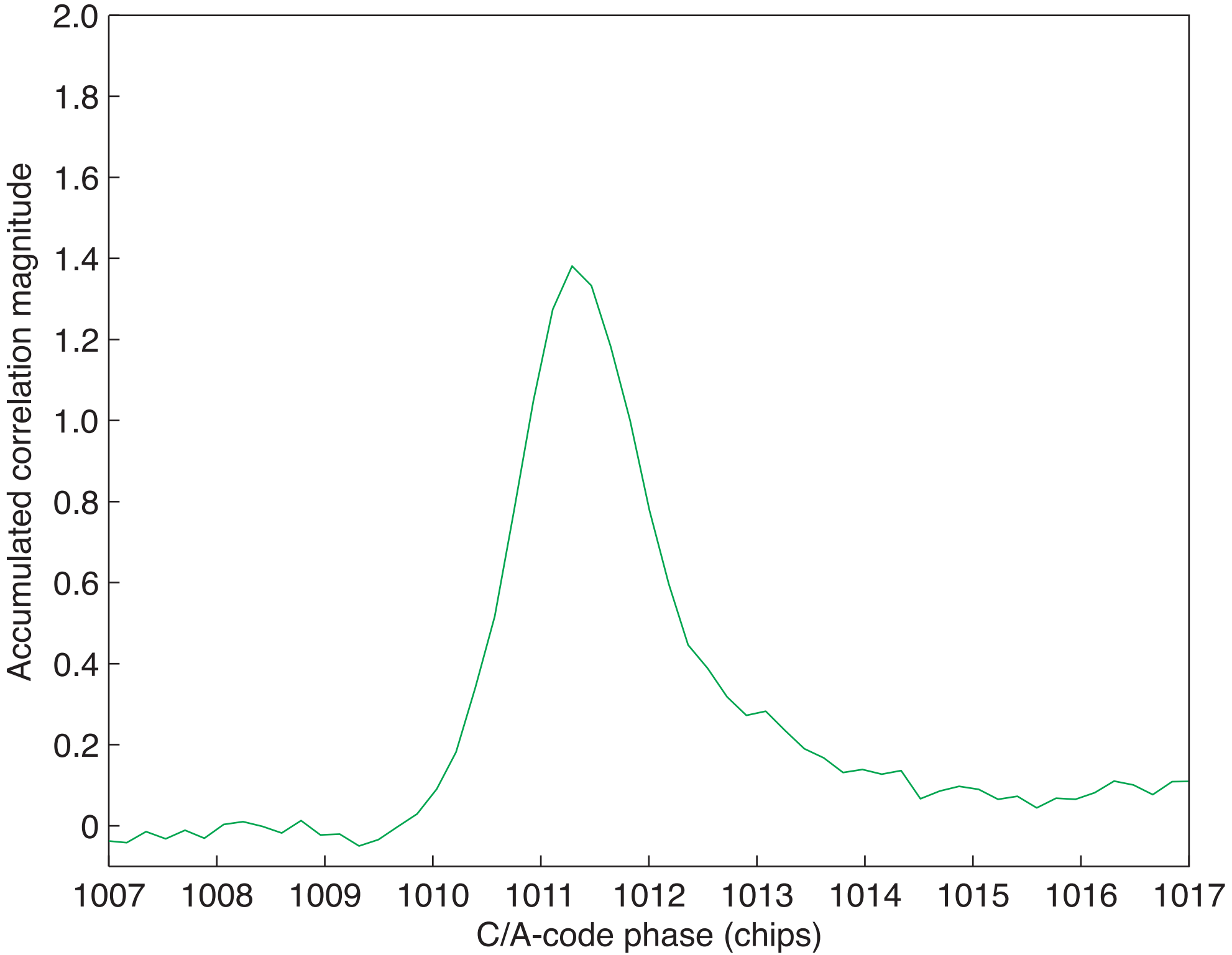
DATA SOURCES	DATE
RADARSAT	01-02 FEB
DMSP OLS	01 FEB

ANALYST: CHRISTOPHER SZORC

UNCLASSIFIED


Region of data collection
70S
65S
60S
55S
05W
10W
15W
20W
25W
ICE EDGE
SEA ICE FREE
3-5
31
7-9
31
9-10
631
9-10
731
9-10
7*63
10
^7*6
8
A
B
C
D
E
F
COLOR CODES BASED ON TOTAL CONCENTRATION
ICE FREE
LESS THAN 1 TENTH
1-3 TENTHS
4-6 TENTHS
7-8 TENTHS
9-10 TENTHS
FAST ICE (TEN TENTHS)
ICE SHELF
UNDEFINED ICE
ICE ANALYSIS
WEDDELL WEST
NATIONAL/NAVAL ICE CENTER
ANALYSIS WEEK: 27 JUN- 01 JUL 2005
DATA SOURCES DATE
DMSP/OLS 26 JUN
SSMI 26 JUN
QUICKSCAT 26 JUN
ESTIMATED 27 JUN
ENVISAT/GMM 25-26 JUN
ANALYST: AG1(AW) LILGREEN
UNCLASSIFIED


5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
Accumulated correlation magnitude
100
102
104
106
108
110
C/A-code phase (chips)


2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0
Accumulated correlation magnitude
1007
1008
1009
1010
1011
1012
1013
1014
1015
1016
1017
C/A-code phase (chips)