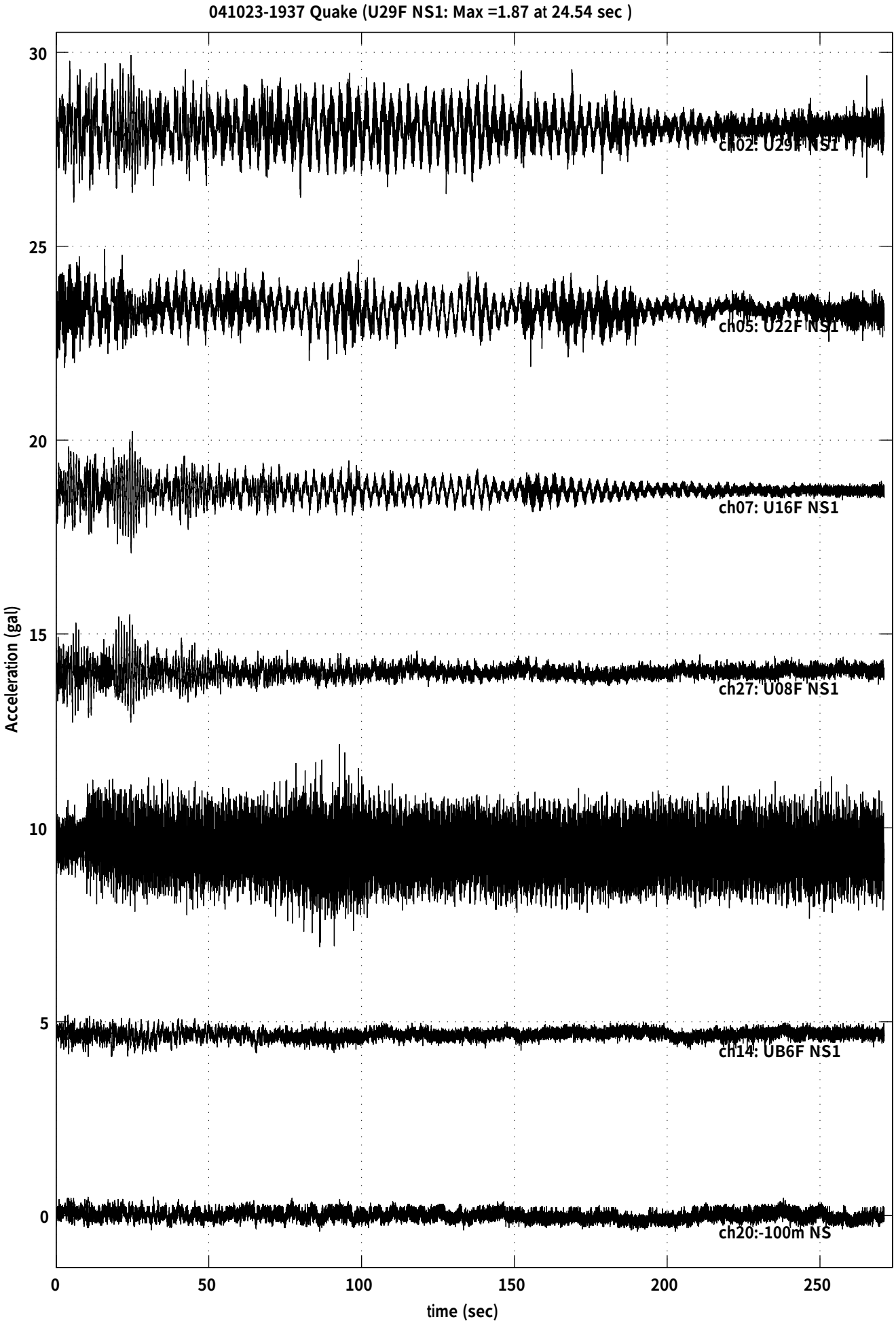
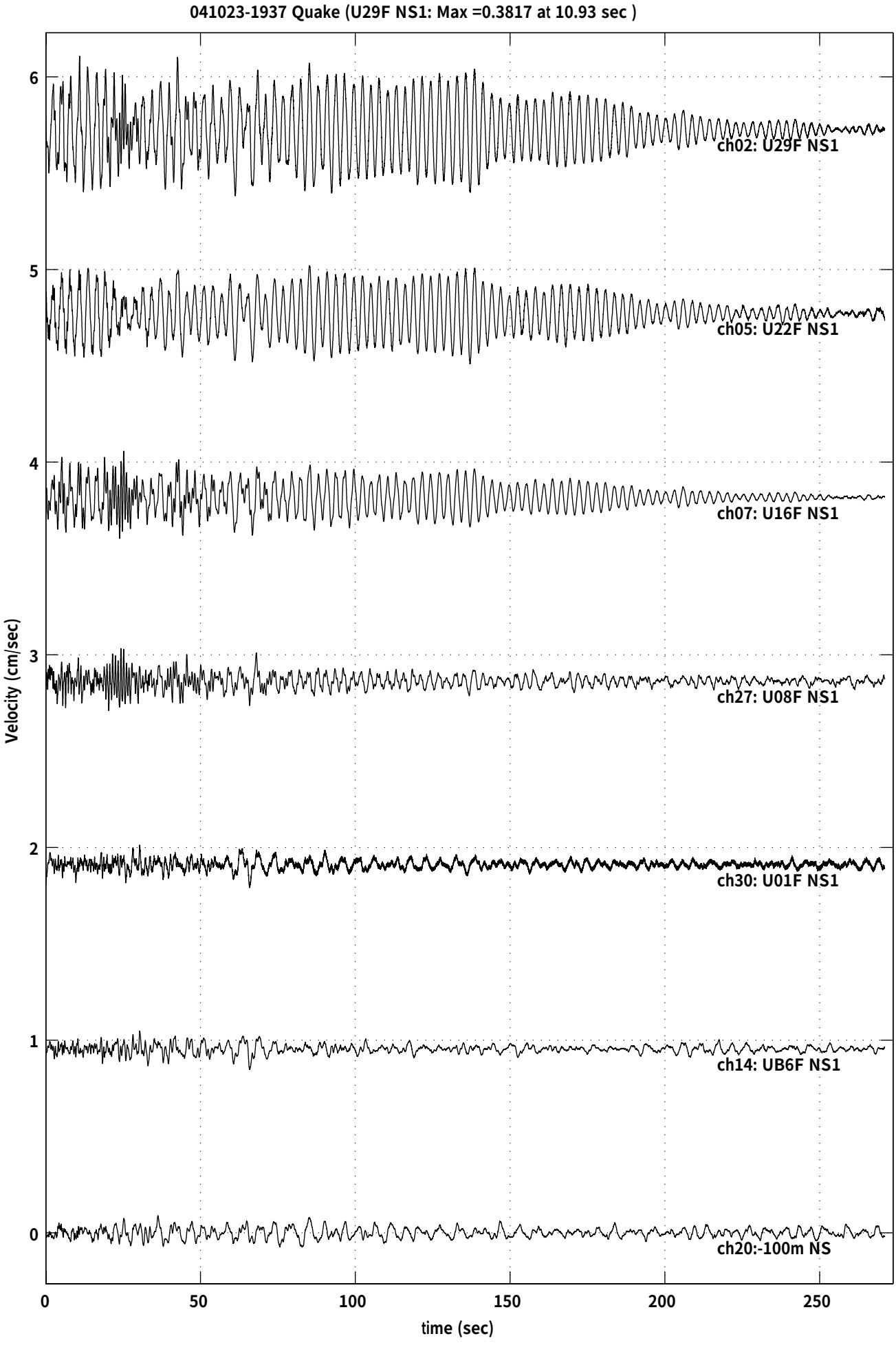
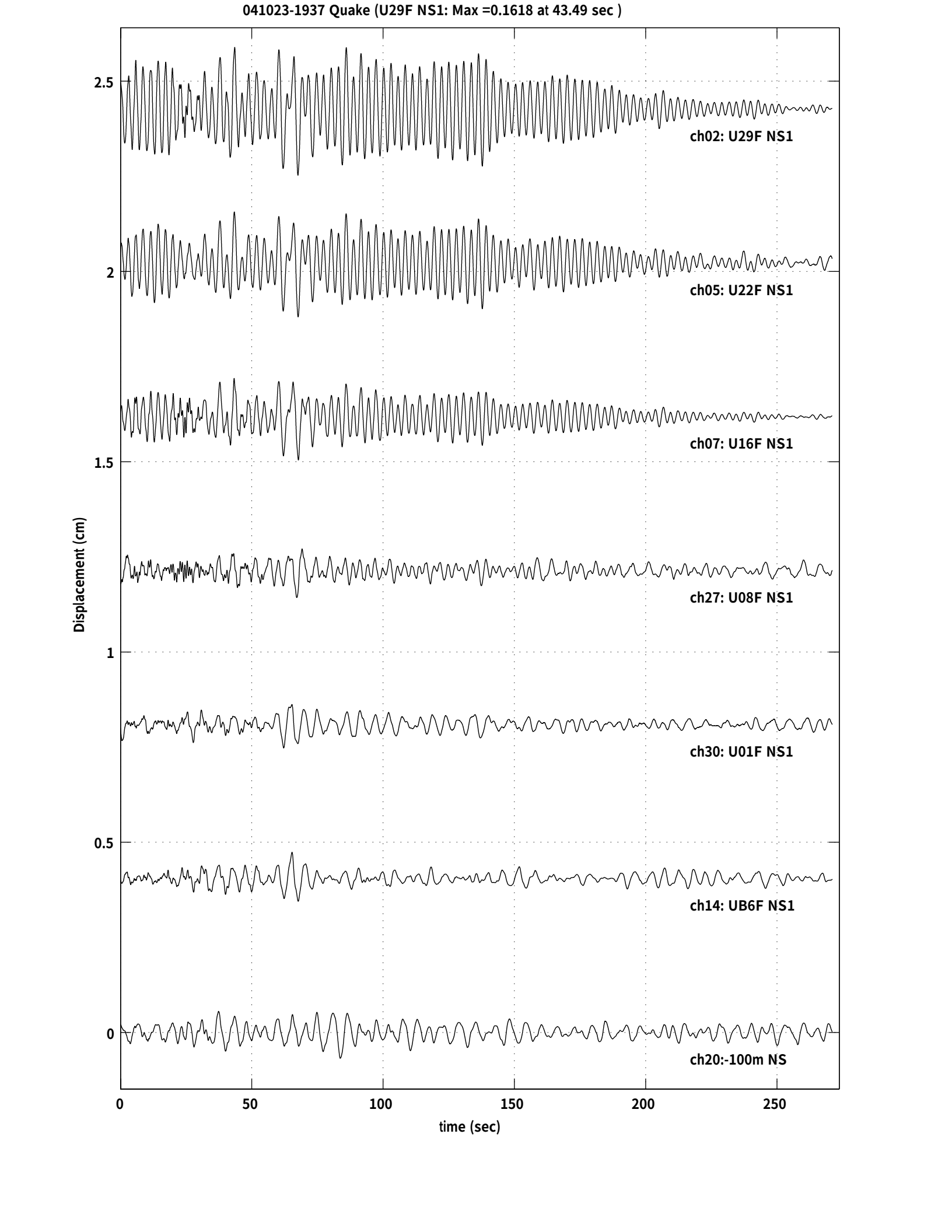
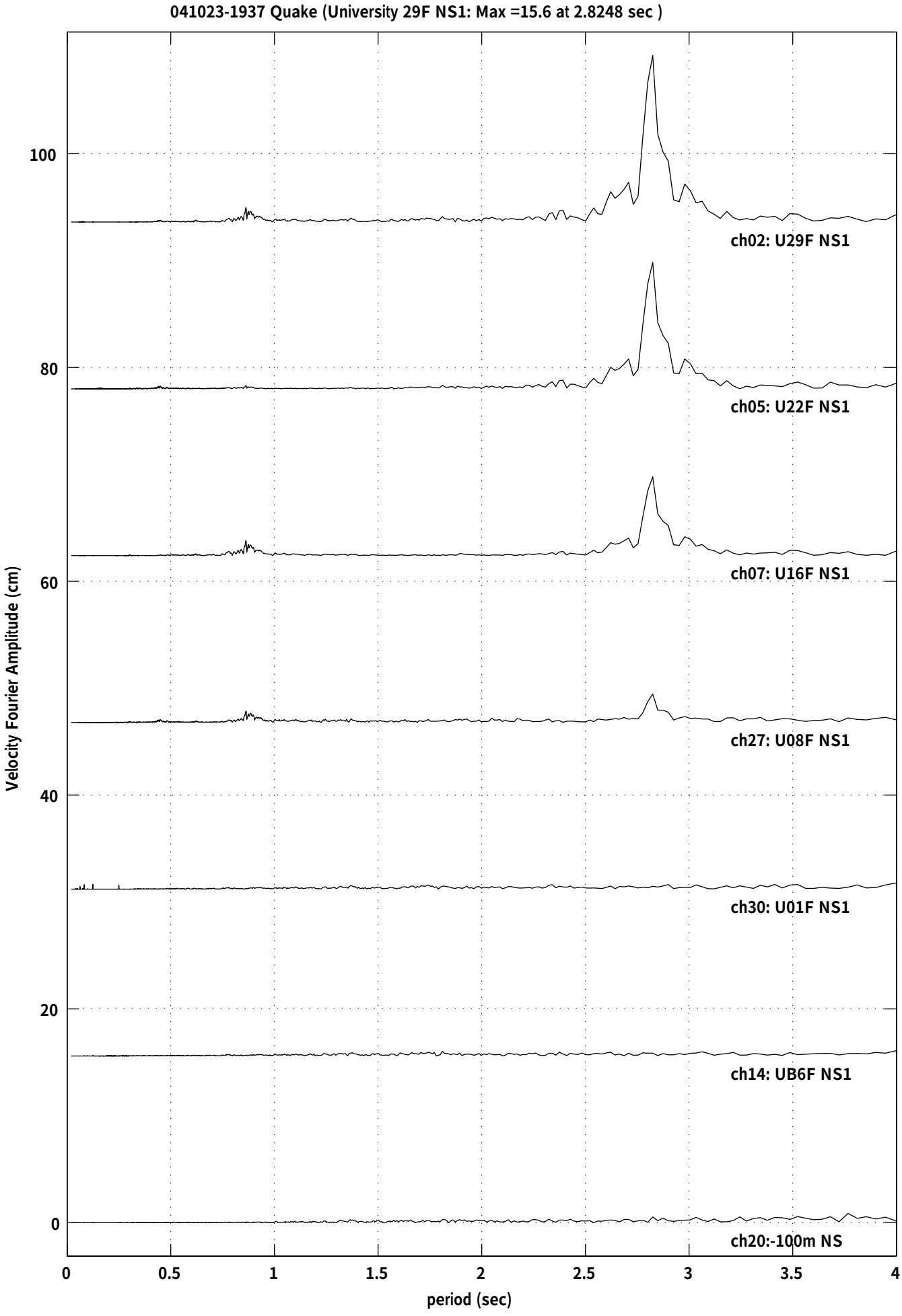
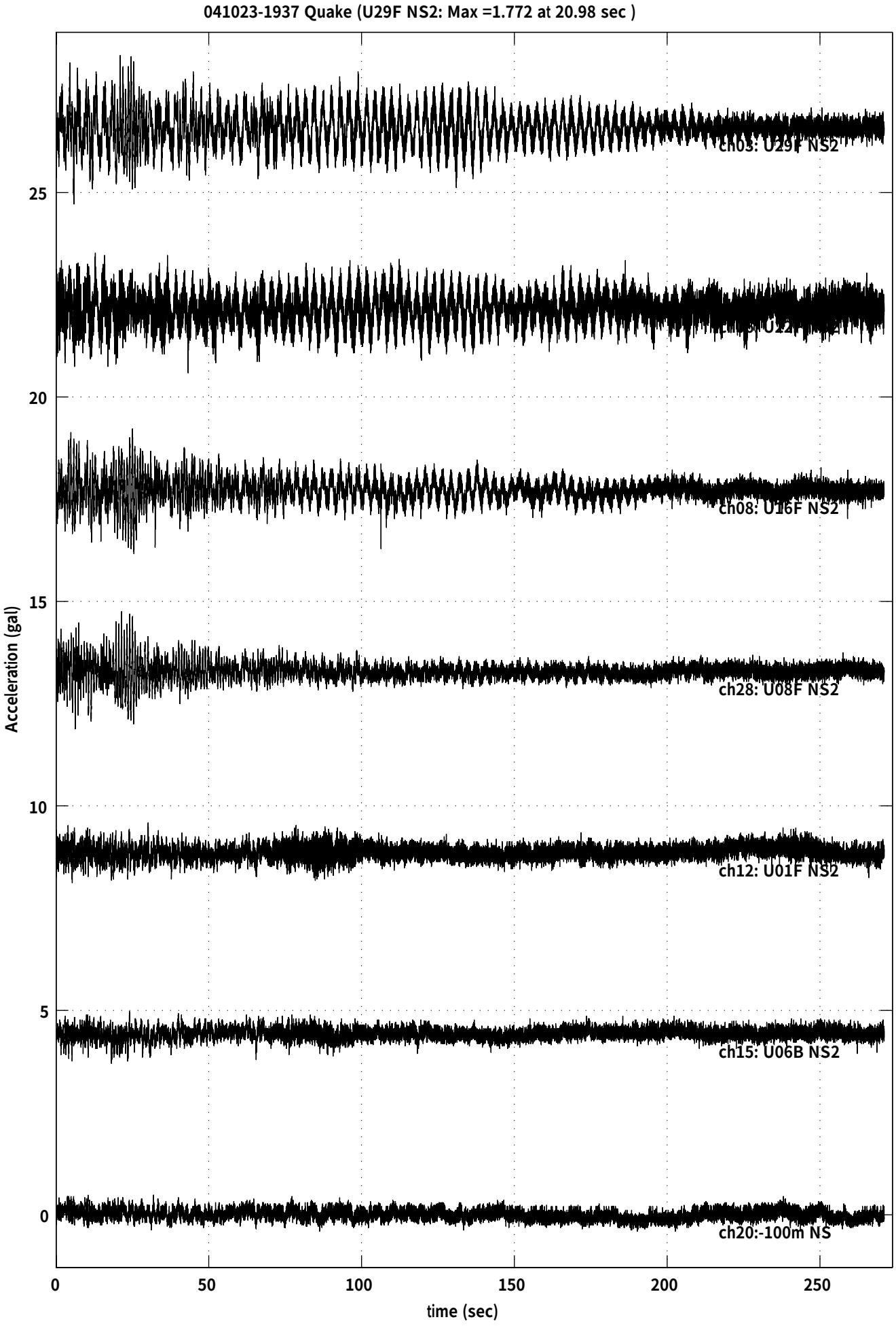
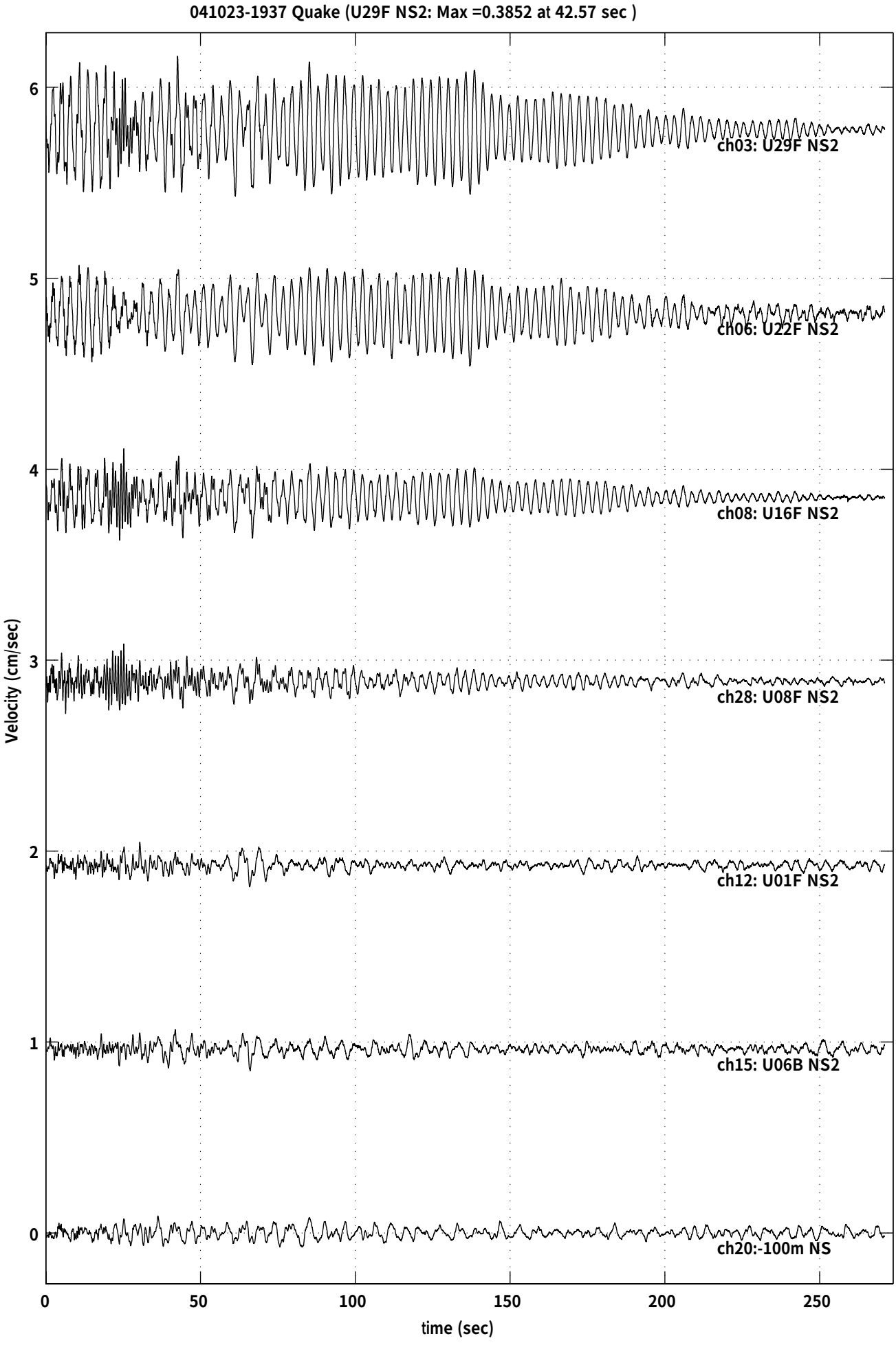

041023-1937 Quake (U29F NS1: Max =1.87 at 24.54 sec)
ch02: U29F NS1
ch05: U22F NS1
ch07: U16F NS1
ch27: U08F NS1
ch14: UB6F NS1
ch20:-100m NS
Acceleration (gal)
time (sec)
30
25
20
15
10
5
0
0
50
100
150
200
250

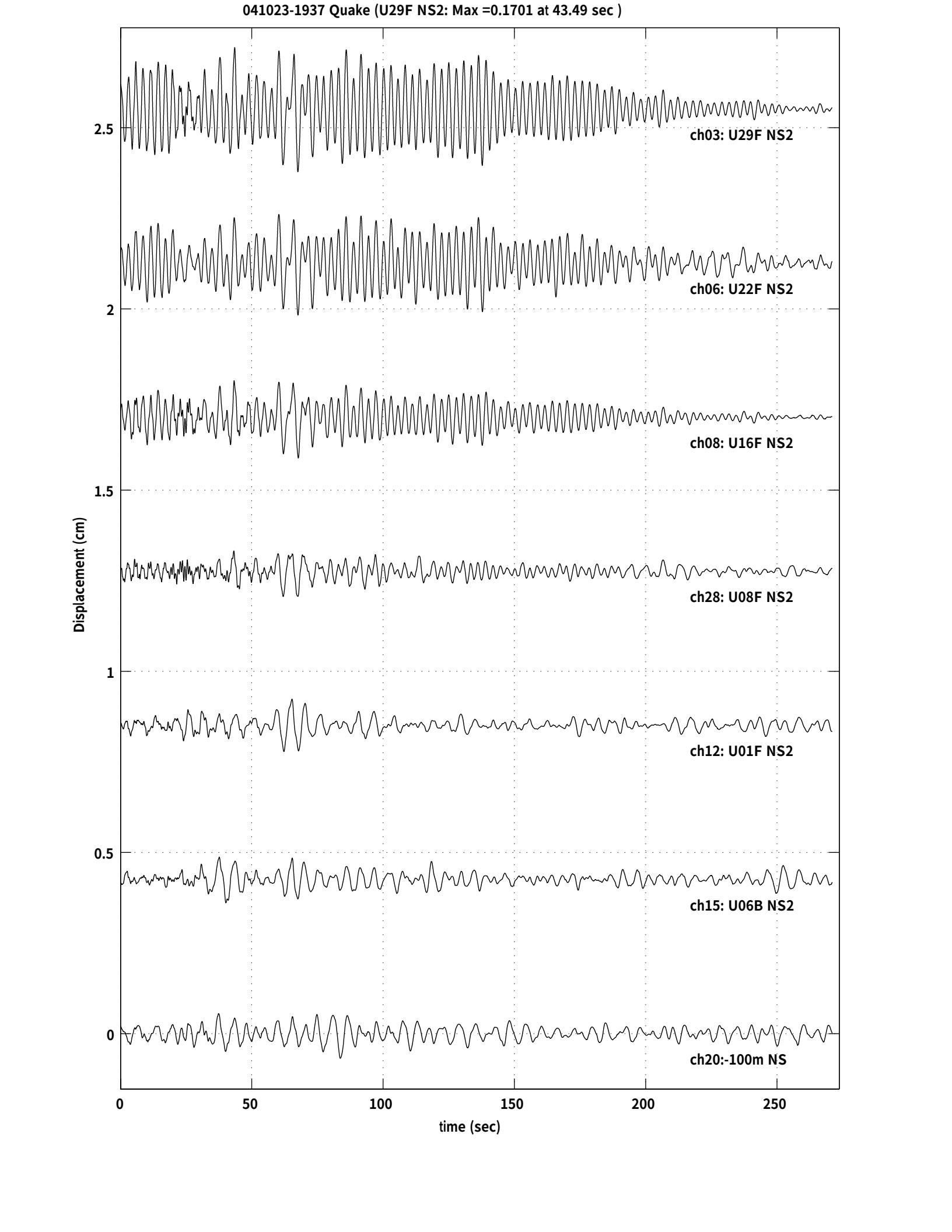

041023-1937 Quake (U29F NS1: Max =0.3817 at 10.93 sec)
Velocity (cm/sec)
6
5
4
3
2
1
0
ch02: U29F NS1
ch05: U22F NS1
ch07: U16F NS1
ch27: U08F NS1
ch30: U01F NS1
ch14: UB6F NS1
ch20:-100m NS
0
50
100
150
200
250
time (sec)

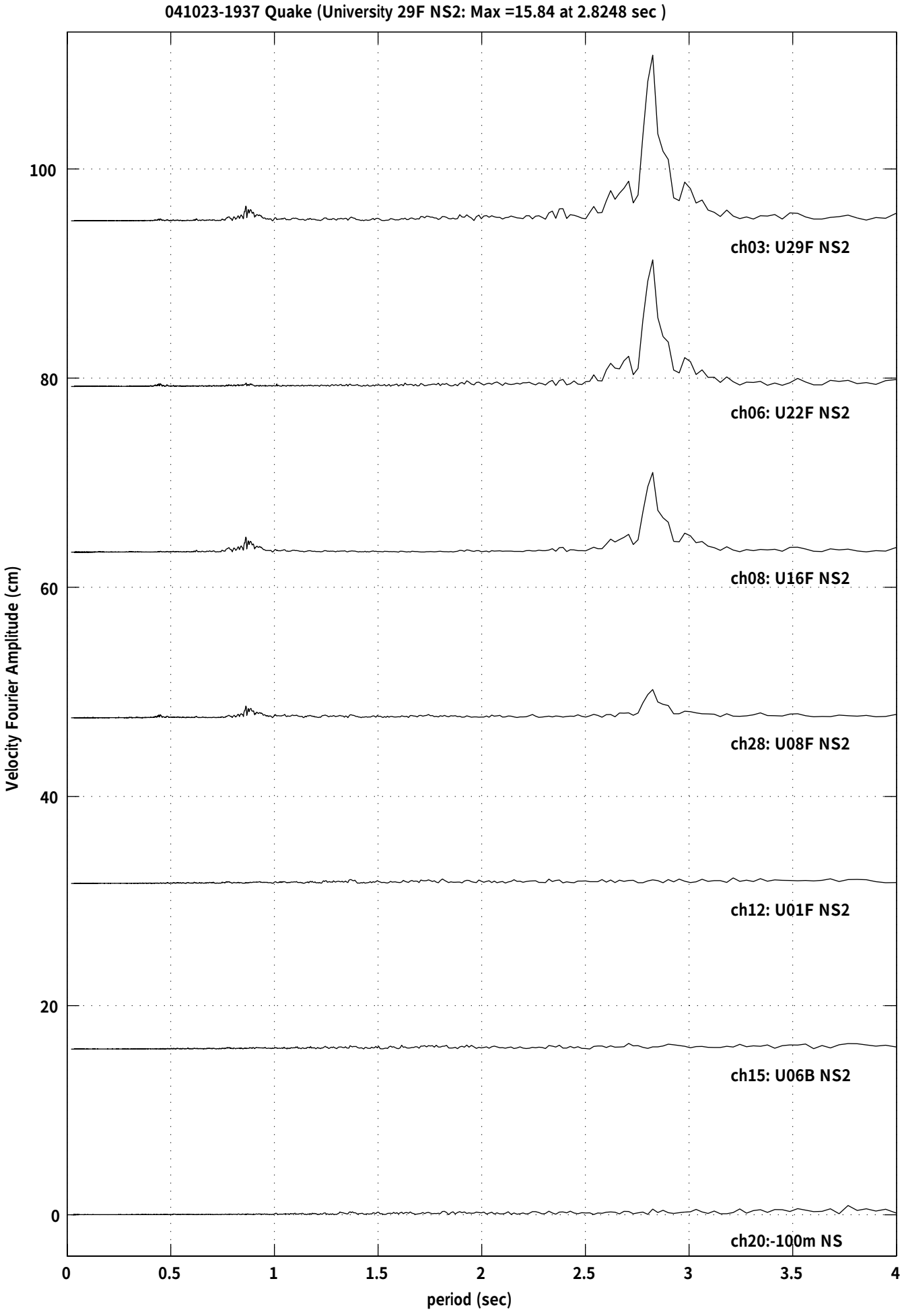

041023-1937 Quake (U29F NS1: Max =0.1618 at 43.49 sec)
2.5
2
1.5
1
0.5
0
Displacement (cm)
ch02: U29F NS1
ch05: U22F NS1
ch07: U16F NS1
ch27: U08F NS1
ch30: U01F NS1
ch14: UB6F NS1
ch20:-100m NS
0
50
100
150
200
250
time (sec)

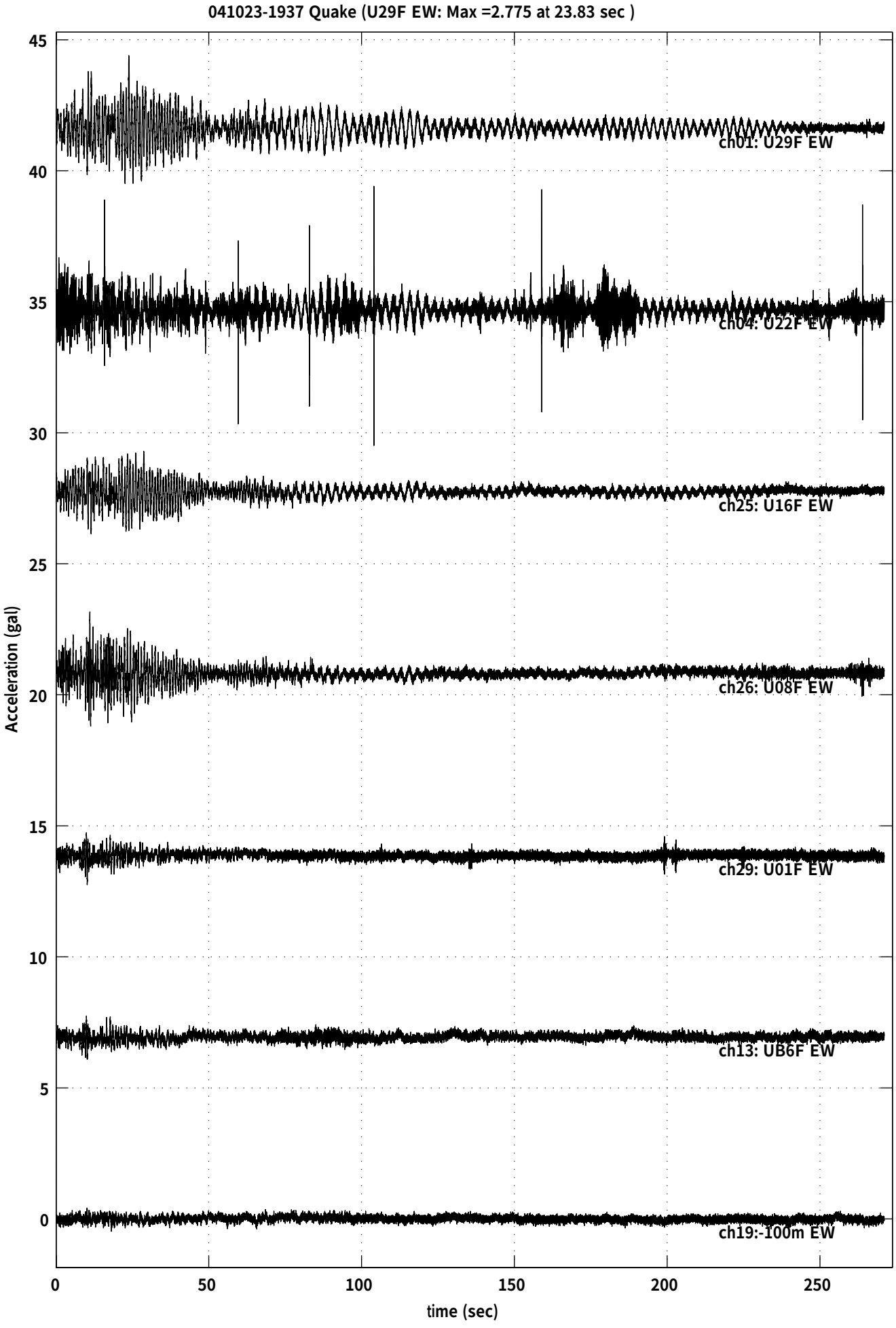

041023-1937 Quake (University 29F NS1: Max =15.6 at 2.8248 sec)
Velocity Fourier Amplitude (cm)
period (sec)
ch02: U29F NS1
ch05: U22F NS1
ch07: U16F NS1
ch27: U08F NS1
ch30: U01F NS1
ch14: UB6F NS1
ch20:-100m NS
0
20
40
60
80
100
0
0.5
1
1.5
2
2.5
3
3.5
4

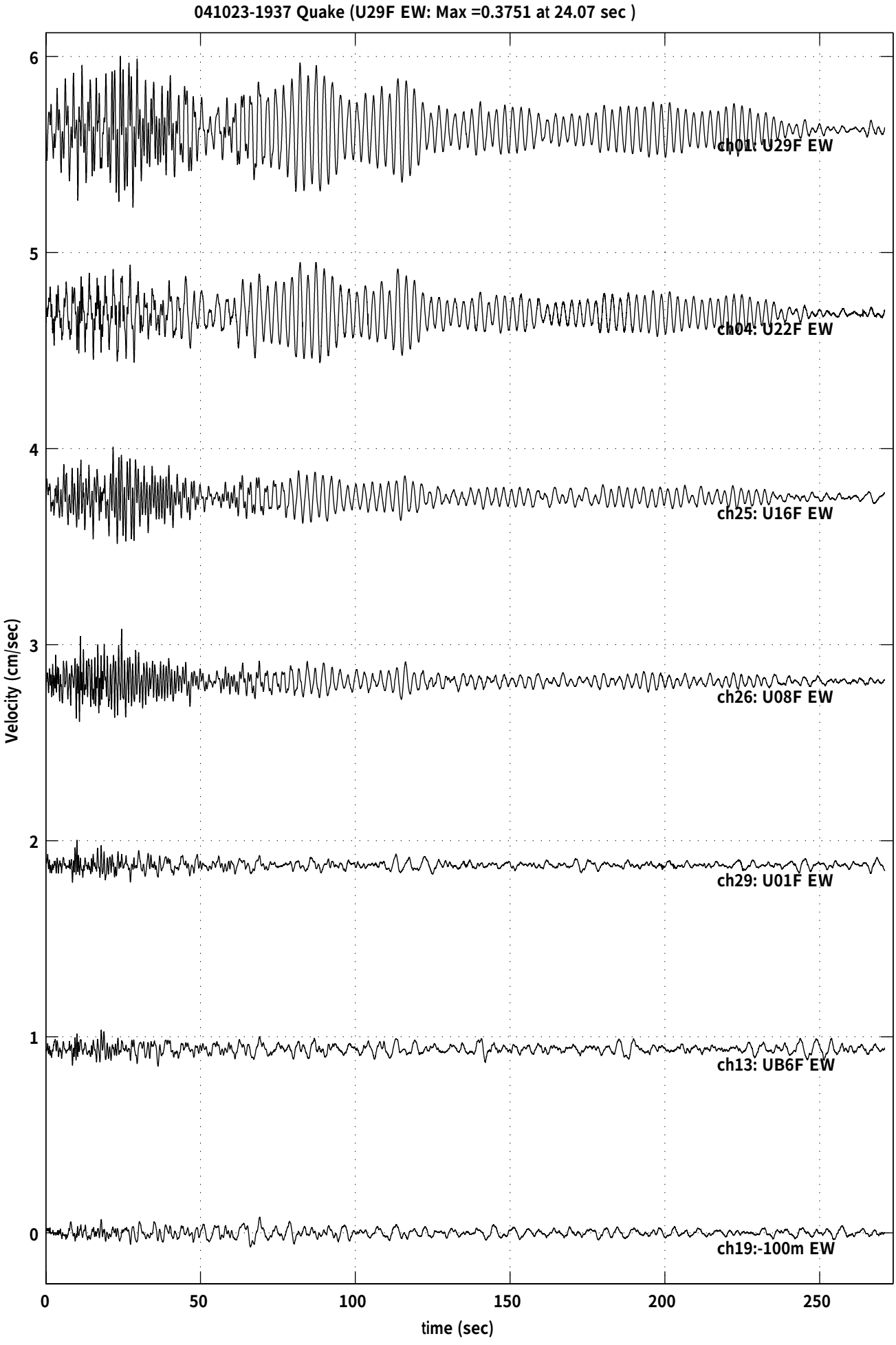

041023-1937 Quake (U29F NS2: Max =1.772 at 20.98 sec)
ch03: U29F NS2
ch08: U16F NS2
ch28: U08F NS2
ch12: U01F NS2
ch15: U06B NS2
ch20:-100m NS
Acceleration (gal)
time (sec)
25
20
15
10
5
0
0
50
100
150
200
250

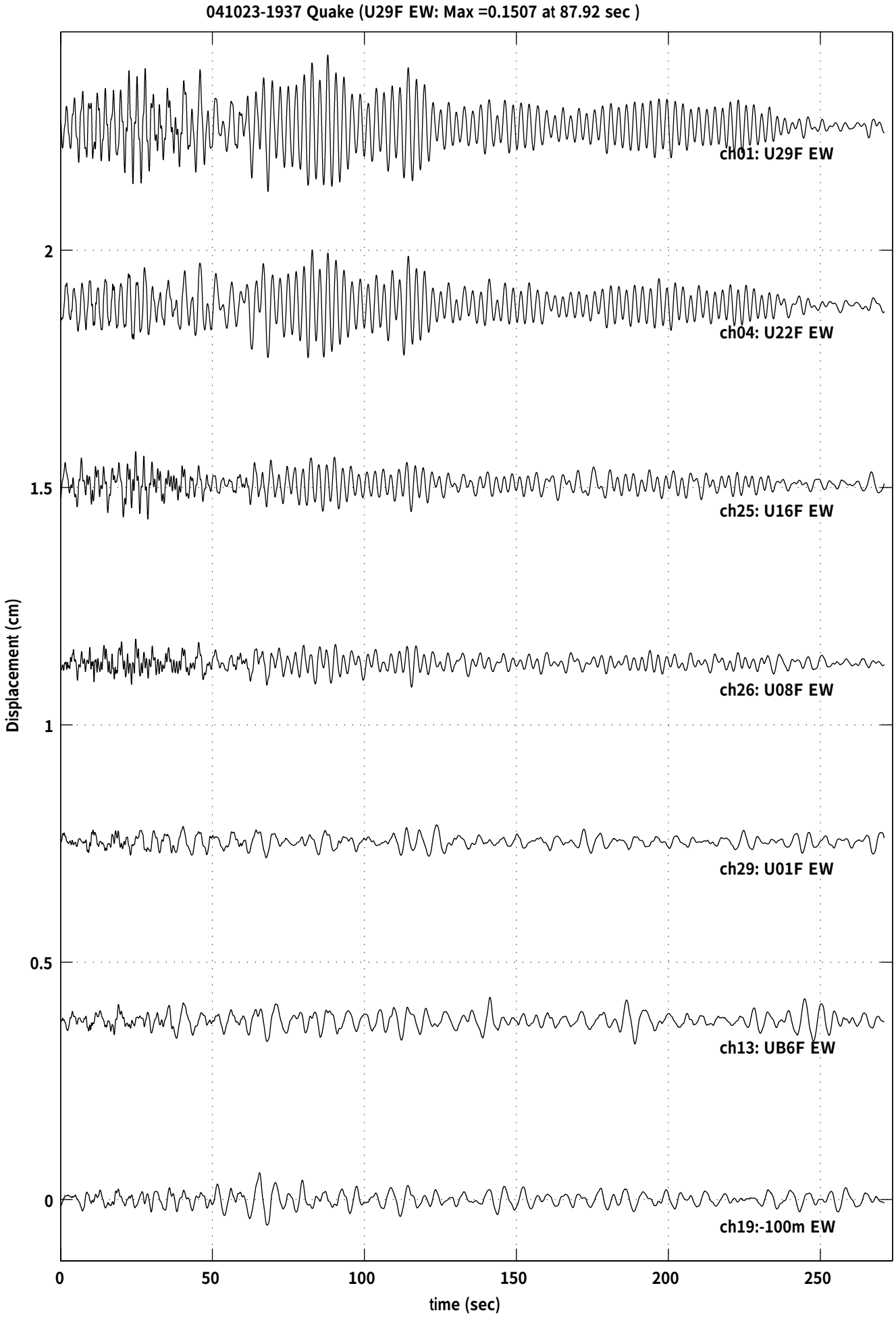

041023-1937 Quake (U29F NS2: Max =0.3852 at 42.57 sec)
ch03: U29F NS2
ch06: U22F NS2
ch08: U16F NS2
ch28: U08F NS2
ch12: U01F NS2
ch15: U06B NS2
ch20:-100m NS
Velocity (cm/sec)
time (sec)
0
1
2
3
4
5
6
0
50
100
150
200
250

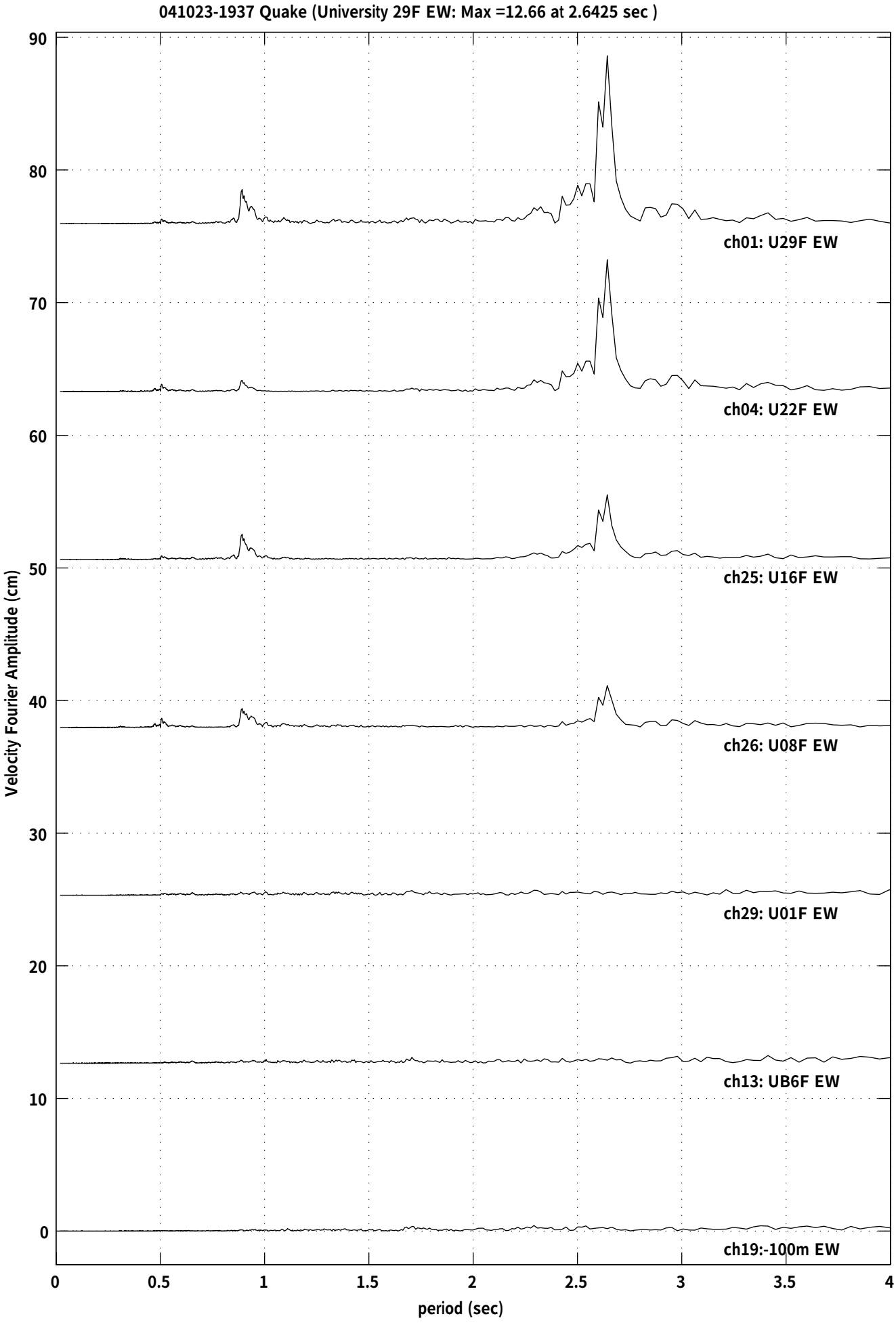

041023-1937 Quake (U29F NS2: Max =0.1701 at 43.49 sec)
Displacement (cm)
2.5
2
1.5
1
0.5
0
ch03: U29F NS2
ch06: U22F NS2
ch08: U16F NS2
ch28: U08F NS2
ch12: U01F NS2
ch15: U06B NS2
ch20:-100m NS
0
50
100
150
200
250
time (sec)

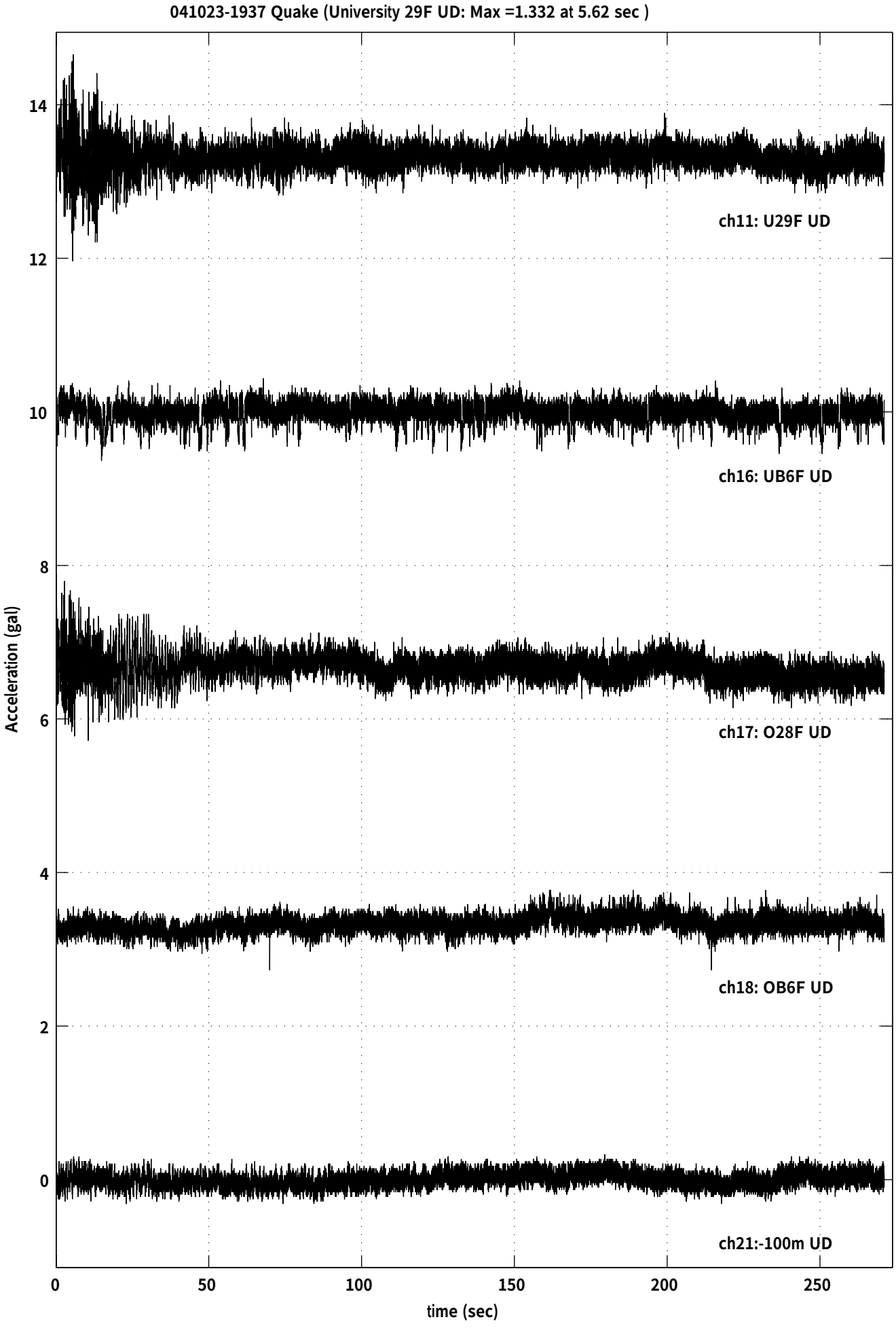

041023-1937 Quake (University 29F NS2: Max =15.84 at 2.8248 sec)
Velocity Fourier Amplitude (cm)
period (sec)
ch03: U29F NS2
ch06: U22F NS2
ch08: U16F NS2
ch28: U08F NS2
ch12: U01F NS2
ch15: U06B NS2
ch20:-100m NS
0
20
40
60
80
100
0
0.5
1
1.5
2
2.5
3
3.5
4

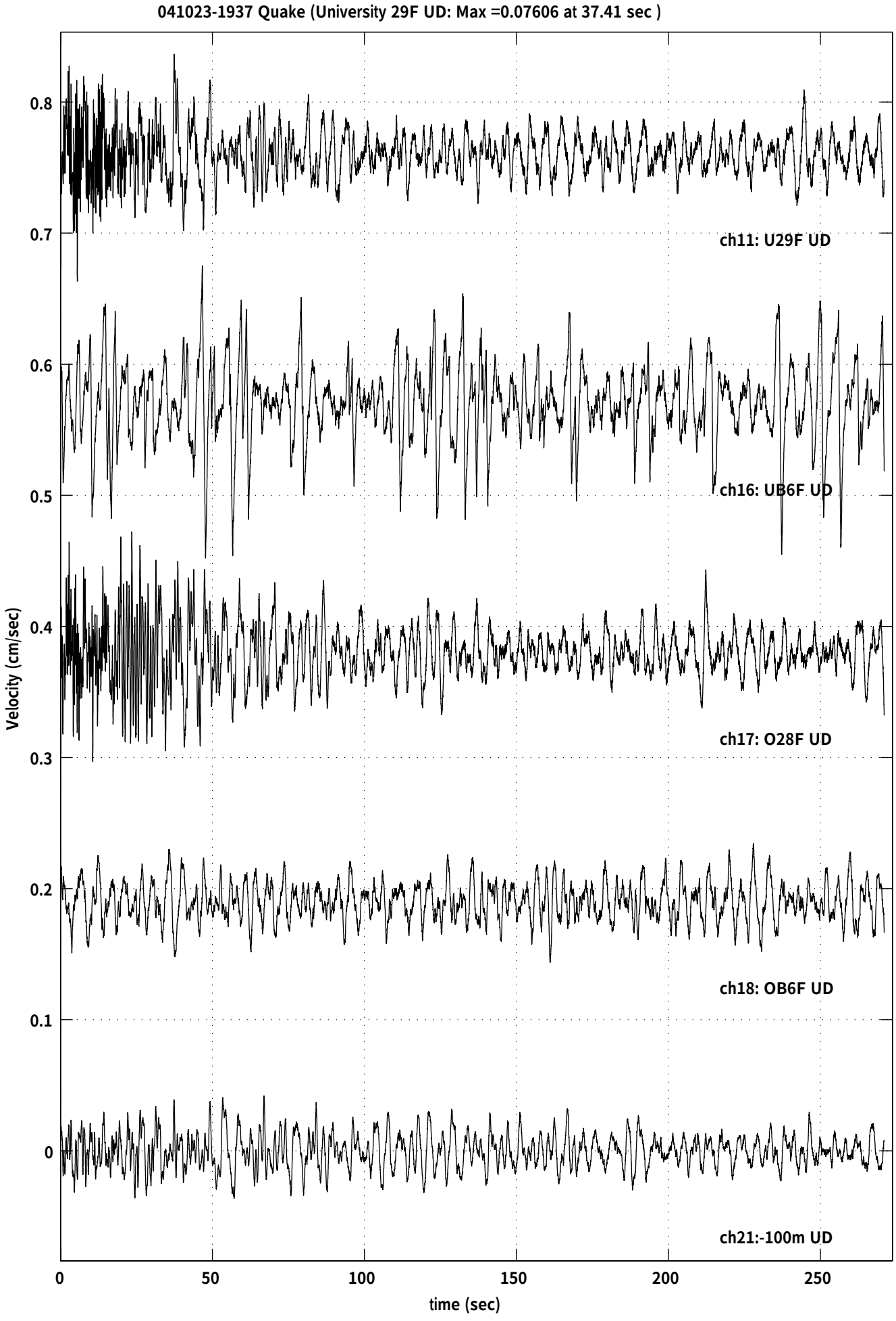

041023-1937 Quake (U29F EW: Max =2.775 at 23.83 sec)
ch01: U29F EW
ch04: U22F EW
ch25: U16F EW
ch26: U08F EW
ch29: U01F EW
ch13: UB6F EW
ch19:-100m EW
Acceleration (gal)
time (sec)
45
40
35
30
25
20
15
10
5
0
0
50
100
150
200
250

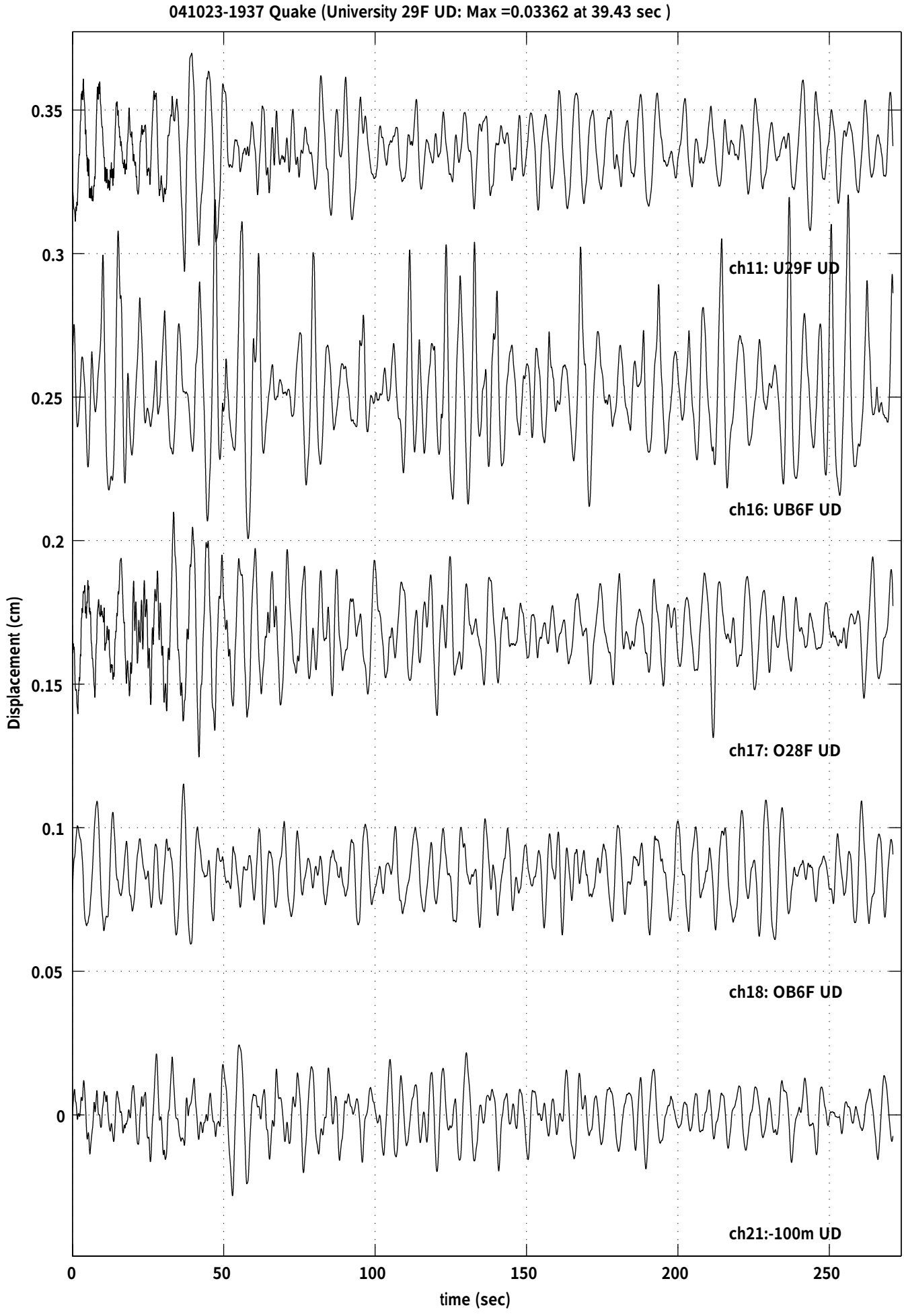

041023-1937 Quake (U29F EW: Max =0.3751 at 24.07 sec)
ch01: U29F EW
ch04: U22F EW
ch25: U16F EW
ch26: U08F EW
ch29: U01F EW
ch13: UB6F EW
ch19:-100m EW
Velocity (cm/sec)
time (sec)
0
1
2
3
4
5
6
0
50
100
150
200
250

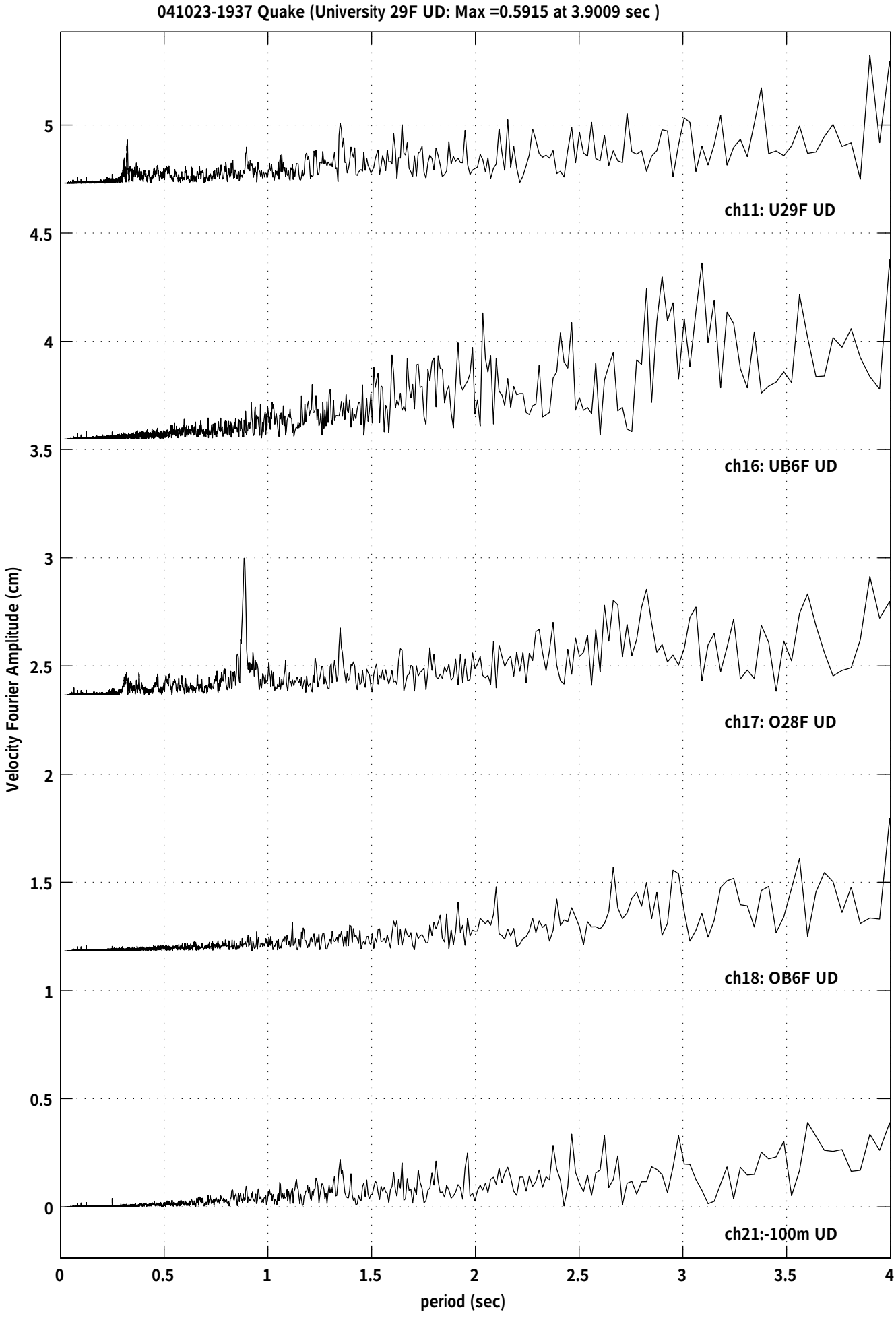

041023-1937 Quake (U29F EW: Max =0.1507 at 87.92 sec)
ch01: U29F EW
ch04: U22F EW
ch25: U16F EW
ch26: U08F EW
ch29: U01F EW
ch13: UB6F EW
ch19:-100m EW
Displacement (cm)
2
1.5
1
0.5
0
0
50
100
150
200
250
time (sec)

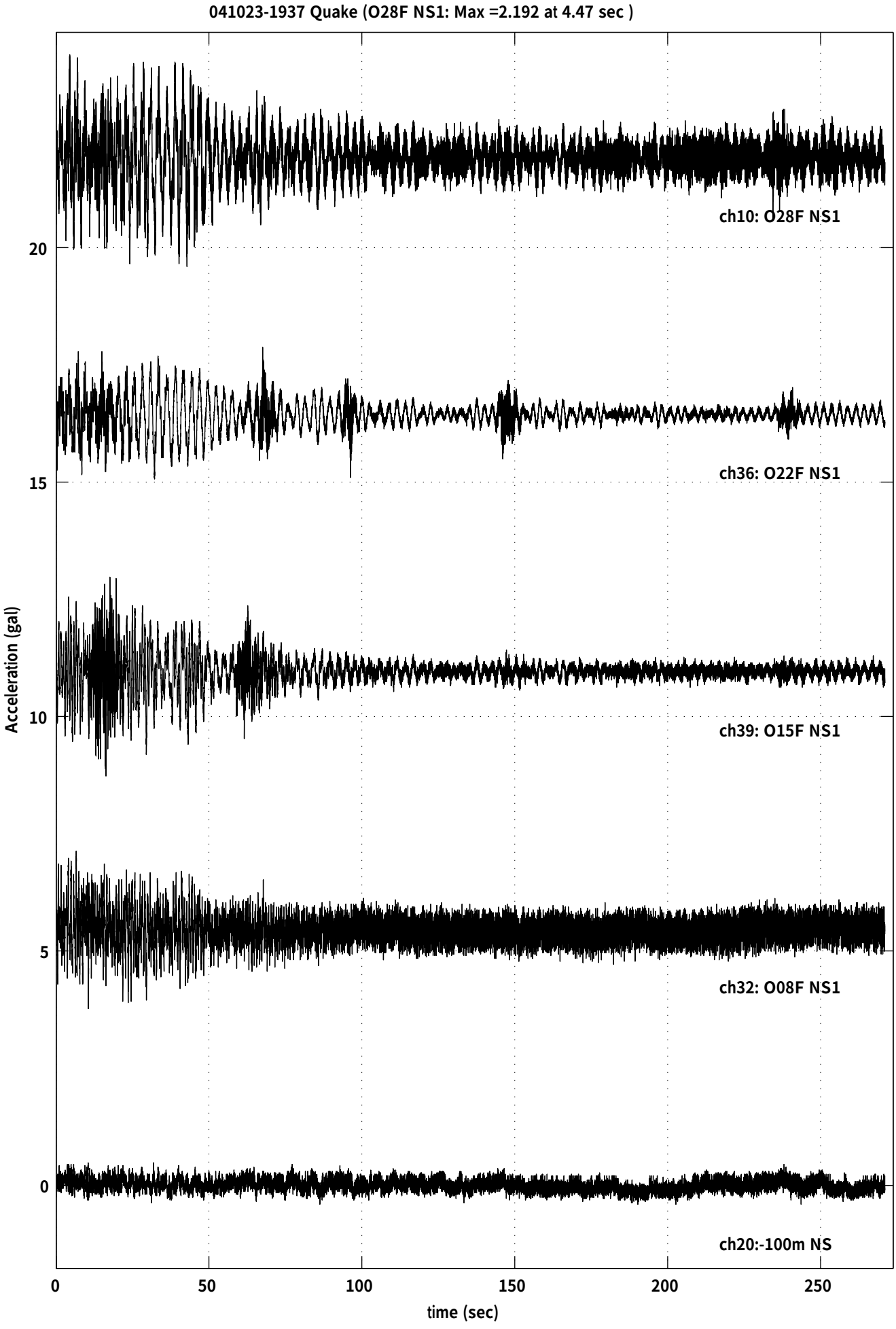

041023-1937 Quake (University 29F EW: Max =12.66 at 2.6425 sec)
Velocity Fourier Amplitude (cm)
period (sec)
ch01: U29F EW
ch04: U22F EW
ch25: U16F EW
ch26: U08F EW
ch29: U01F EW
ch13: UB6F EW
ch19:-100m EW
0
10
20
30
40
50
60
70
80
90
0
0.5
1
1.5
2
2.5
3
3.5
4

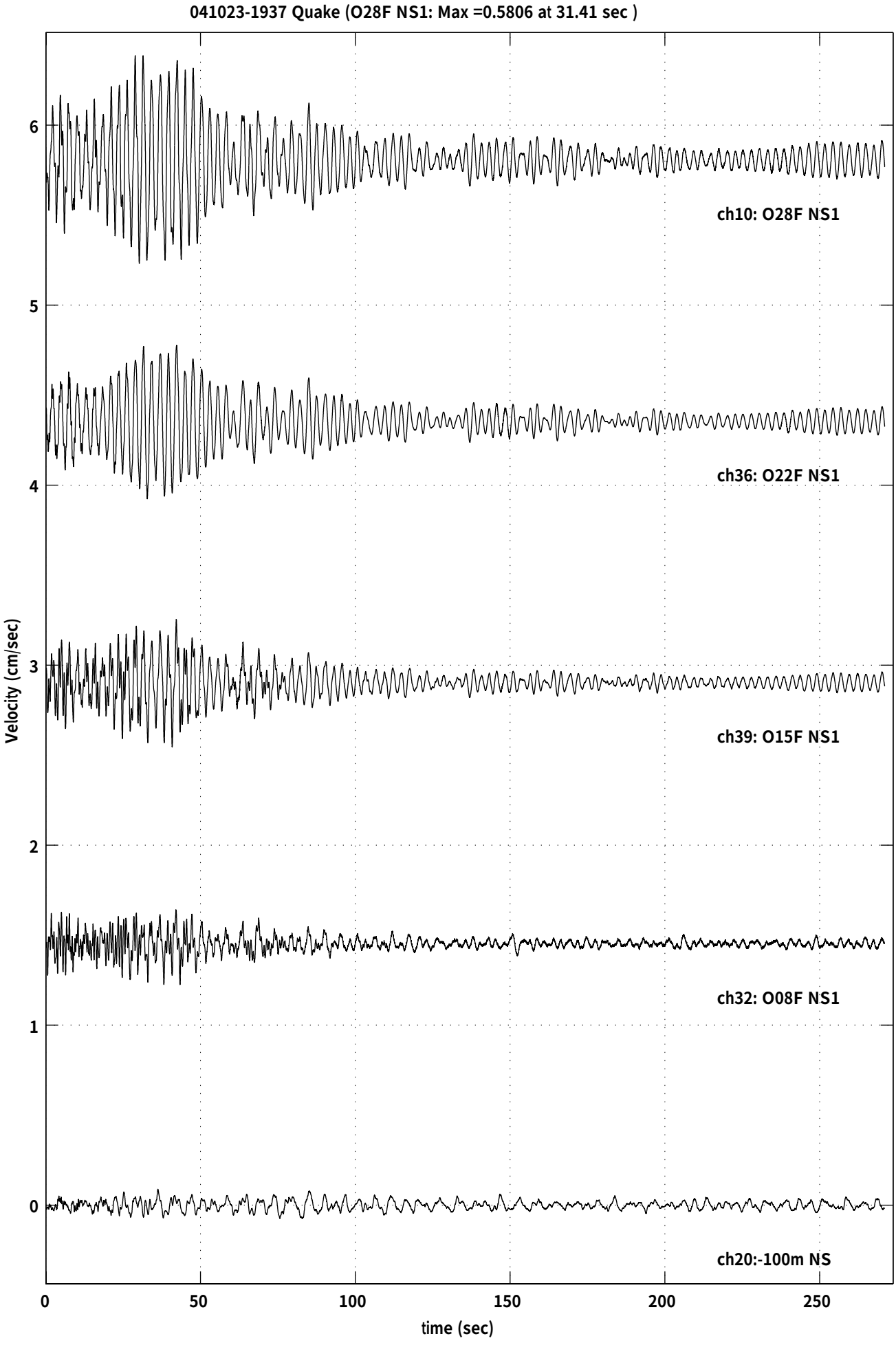

041023-1937 Quake (University 29F UD: Max =1.332 at 5.62 sec)
14
12
10
8
6
4
2
0
Acceleration (gal)
ch11: U29F UD
ch16: UB6F UD
ch17: O28F UD
ch18: OB6F UD
ch21:-100m UD
0
50
100
150
200
250
time (sec)

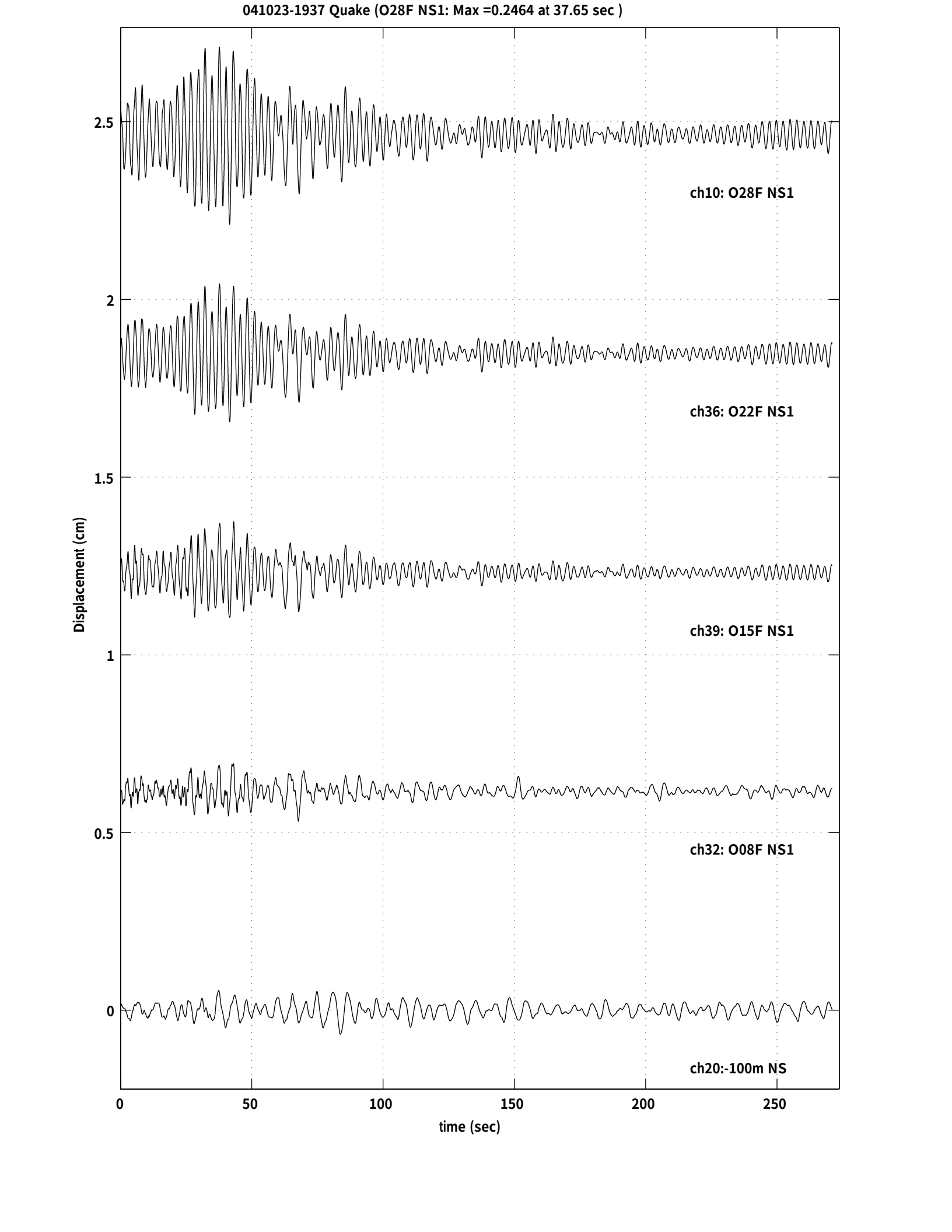

041023-1937 Quake (University 29F UD: Max =0.07606 at 37.41 sec)
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Velocity (cm/sec)
ch11: U29F UD
ch16: UB6F UD
ch17: O28F UD
ch18: OB6F UD
ch21:-100m UD
0
50
100
150
200
250
time (sec)

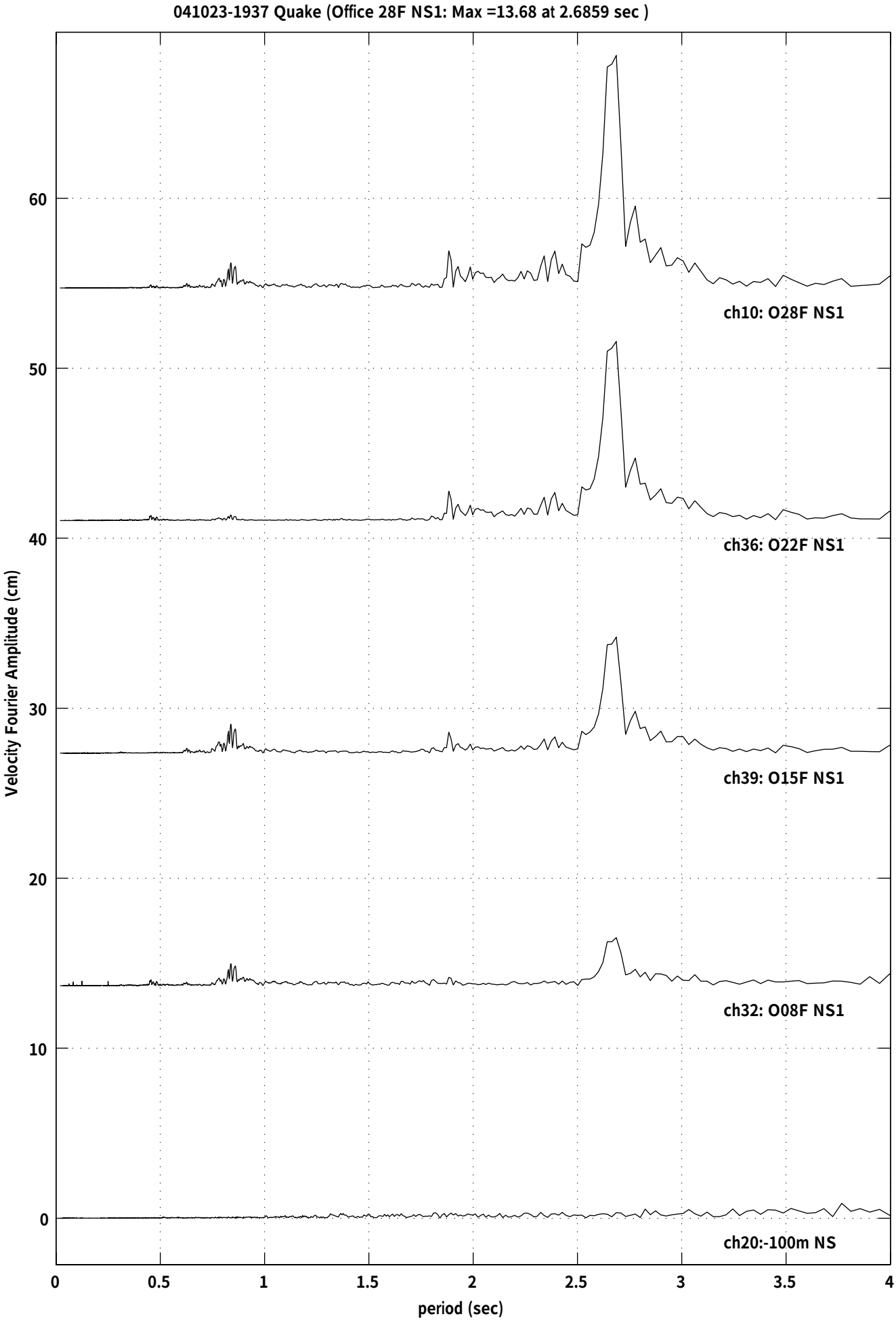

041023-1937 Quake (University 29F UD: Max =0.03362 at 39.43 sec)
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
Displacement (cm)
ch11: U29F UD
ch16: UB6F UD
ch17: O28F UD
ch18: OB6F UD
ch21:-100m UD
0
50
100
150
200
250
time (sec)

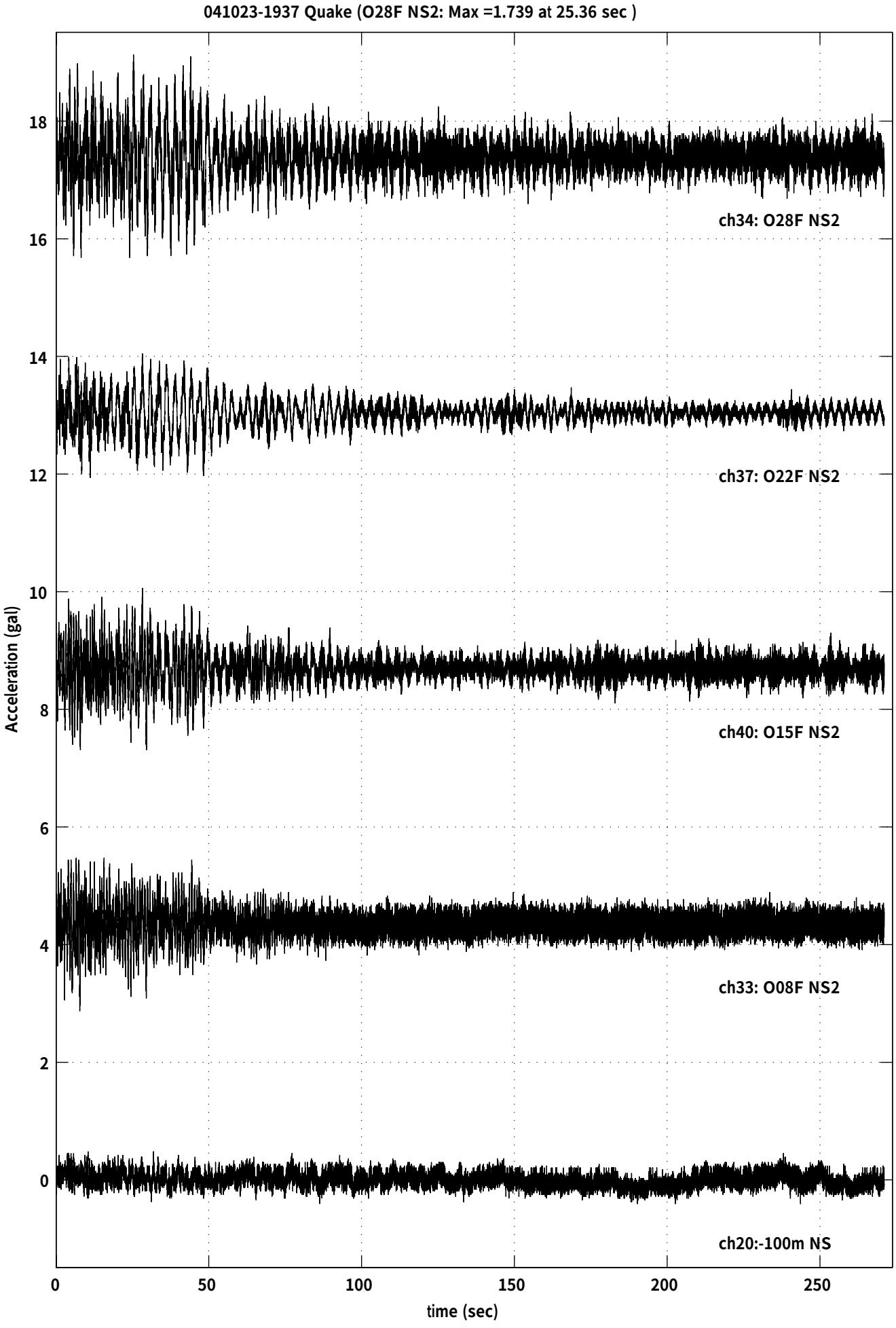

041023-1937 Quake (University 29F UD: Max =0.5915 at 3.9009 sec)
ch11: U29F UD
ch16: UB6F UD
ch17: O28F UD
ch18: OB6F UD
ch21:-100m UD
Velocity Fourier Amplitude (cm)
period (sec)
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5

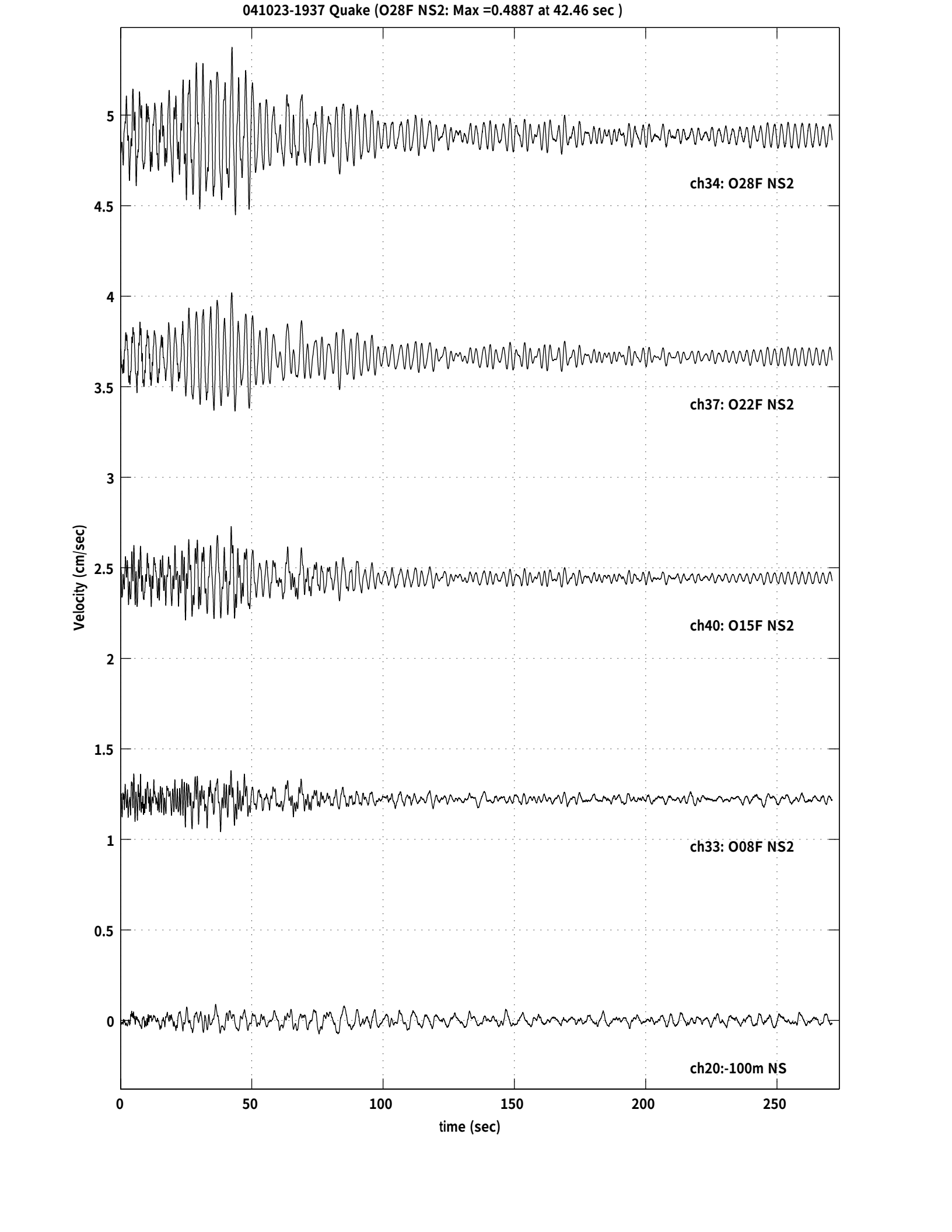

041023-1937 Quake (O28F NS1: Max =2.192 at 4.47 sec)
ch10: O28F NS1
ch36: O22F NS1
ch39: O15F NS1
ch32: O08F NS1
ch20:-100m NS
Acceleration (gal)
20
15
10
5
0
0
50
100
150
200
250
time (sec)

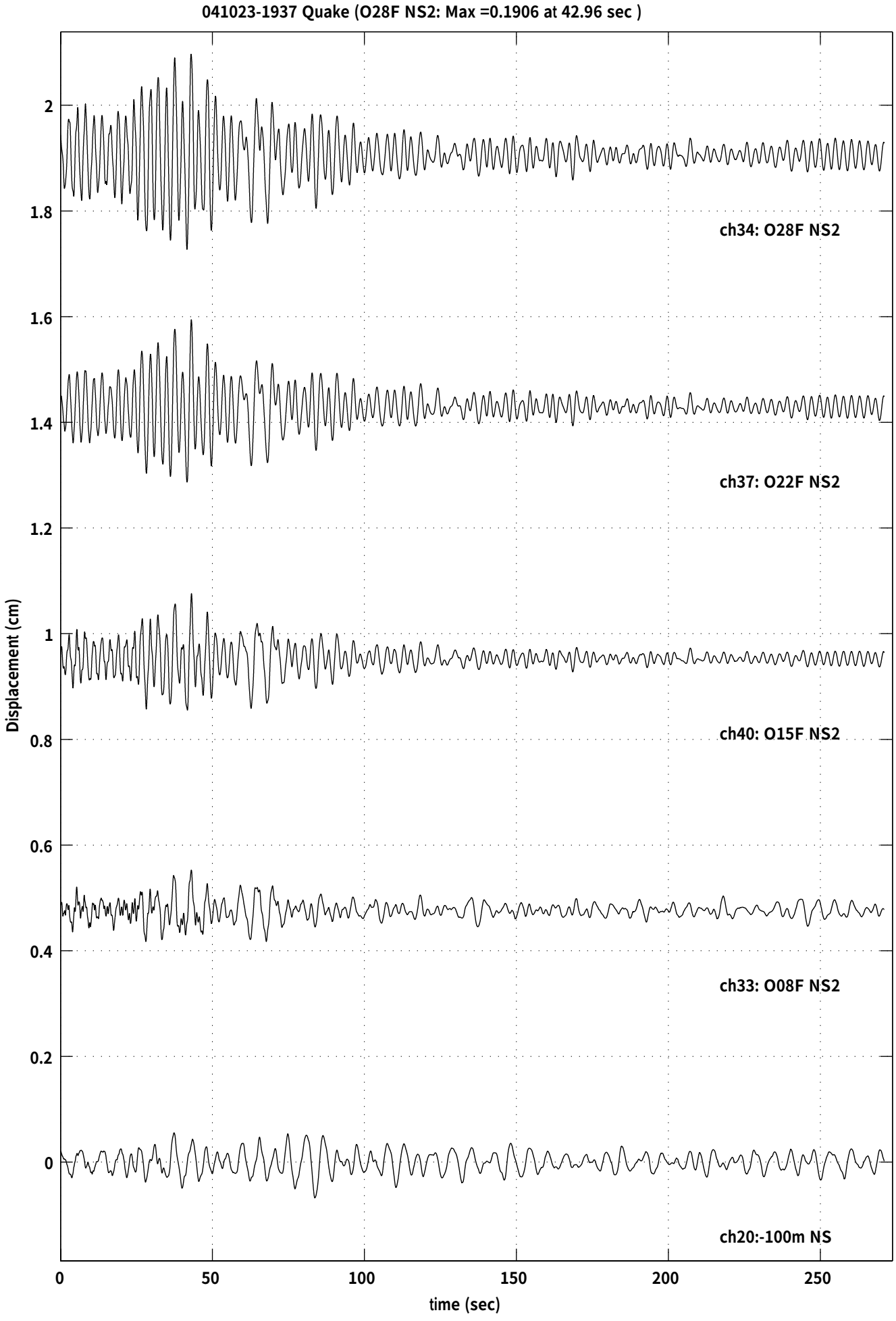

041023-1937 Quake (O28F NS1: Max =0.5806 at 31.41 sec)
ch10: O28F NS1
ch36: O22F NS1
ch39: O15F NS1
ch32: O08F NS1
ch20:-100m NS
Velocity (cm/sec)
time (sec)
0
1
2
3
4
5
6
0
50
100
150
200
250

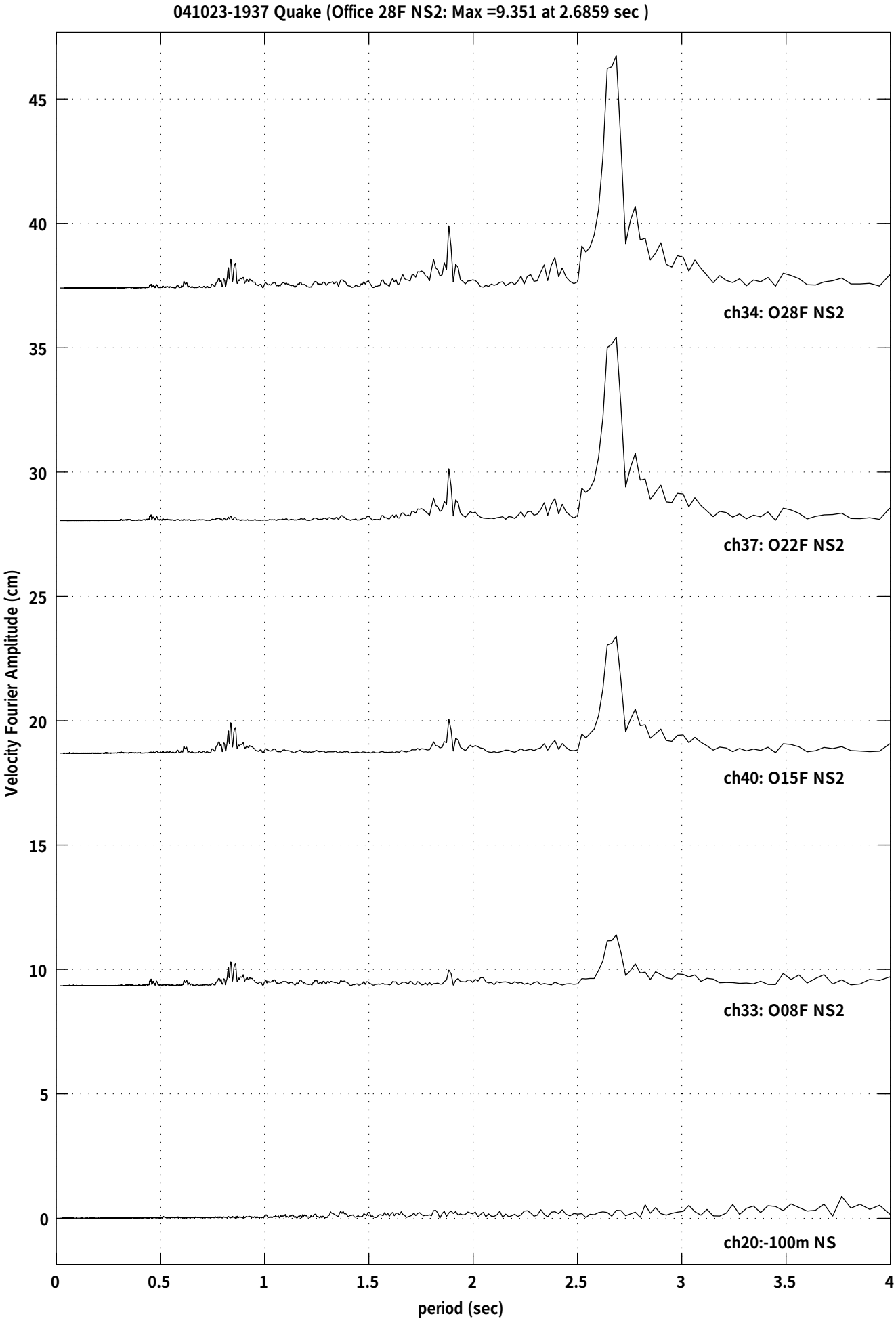

041023-1937 Quake (O28F NS1: Max =0.2464 at 37.65 sec)
Displacement (cm)
2.5
2
1.5
1
0.5
0
ch10: O28F NS1
ch36: O22F NS1
ch39: O15F NS1
ch32: O08F NS1
ch20:-100m NS
0
50
100
150
200
250
time (sec)

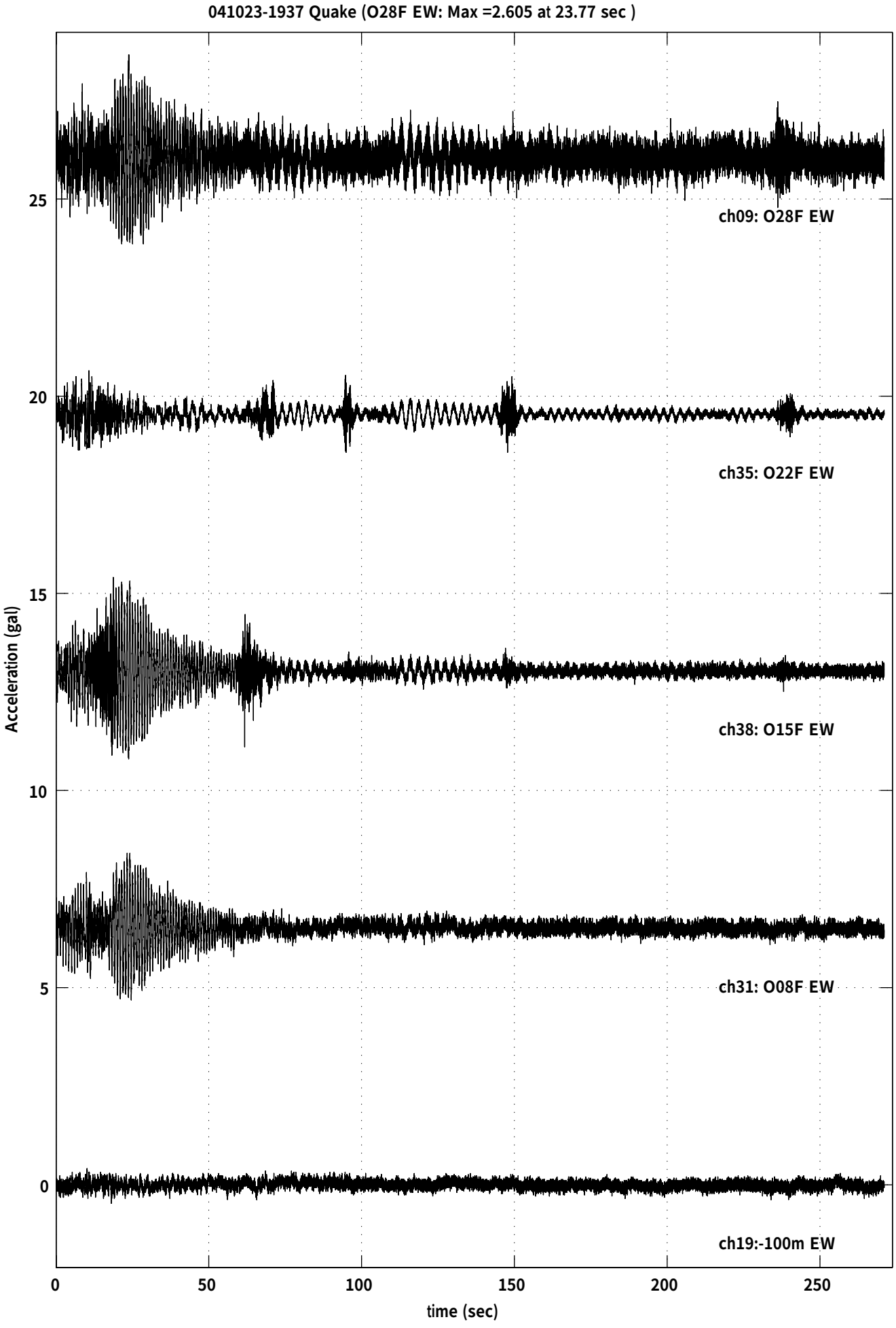

041023-1937 Quake (Office 28F NS1: Max =13.68 at 2.6859 sec)
Velocity Fourier Amplitude (cm)
period (sec)
ch10: O28F NS1
ch36: O22F NS1
ch39: O15F NS1
ch32: O08F NS1
ch20:-100m NS
0
10
20
30
40
50
60
0
0.5
1
1.5
2
2.5
3
3.5
4

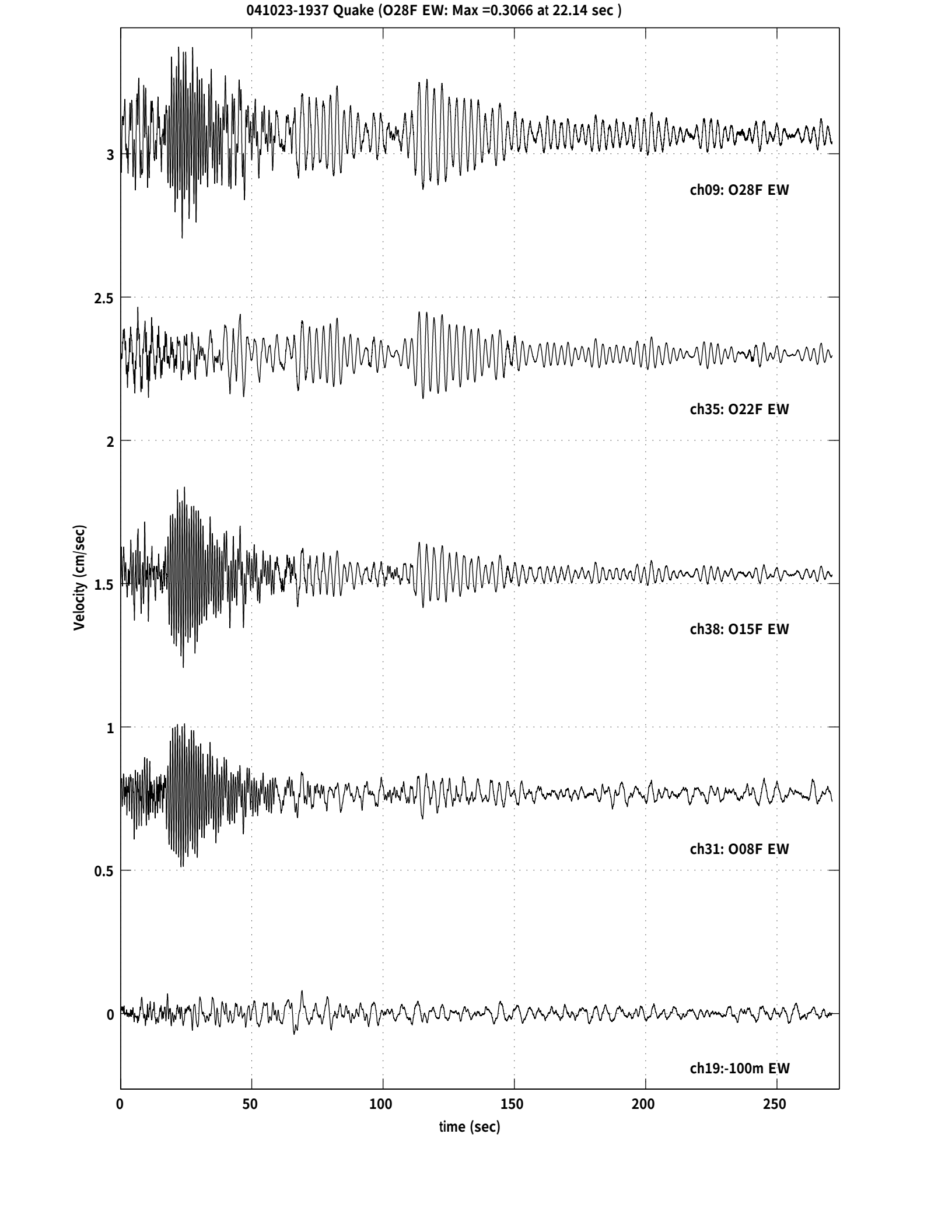

041023-1937 Quake (O28F NS2: Max =1.739 at 25.36 sec)
Acceleration (gal)
time (sec)
ch34: O28F NS2
ch37: O22F NS2
ch40: O15F NS2
ch33: O08F NS2
ch20:-100m NS
18
16
14
12
10
8
6
4
2
0
0
50
100
150
200
250

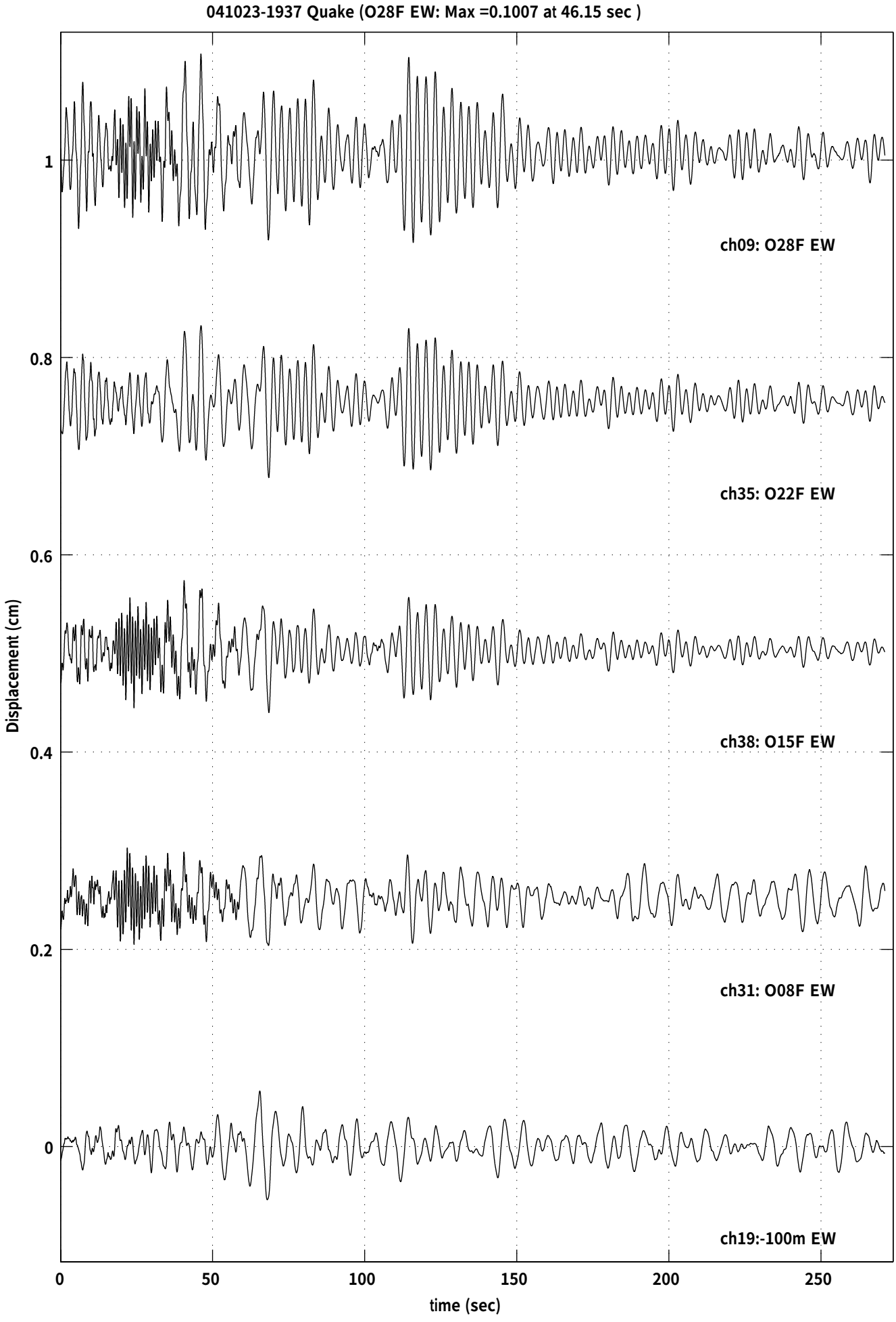

041023-1937 Quake (O28F NS2: Max =0.4887 at 42.46 sec)
ch34: O28F NS2
ch37: O22F NS2
ch40: O15F NS2
ch33: O08F NS2
ch20:-100m NS
Velocity (cm/sec)
time (sec)
5
4.5
4
3.5
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250

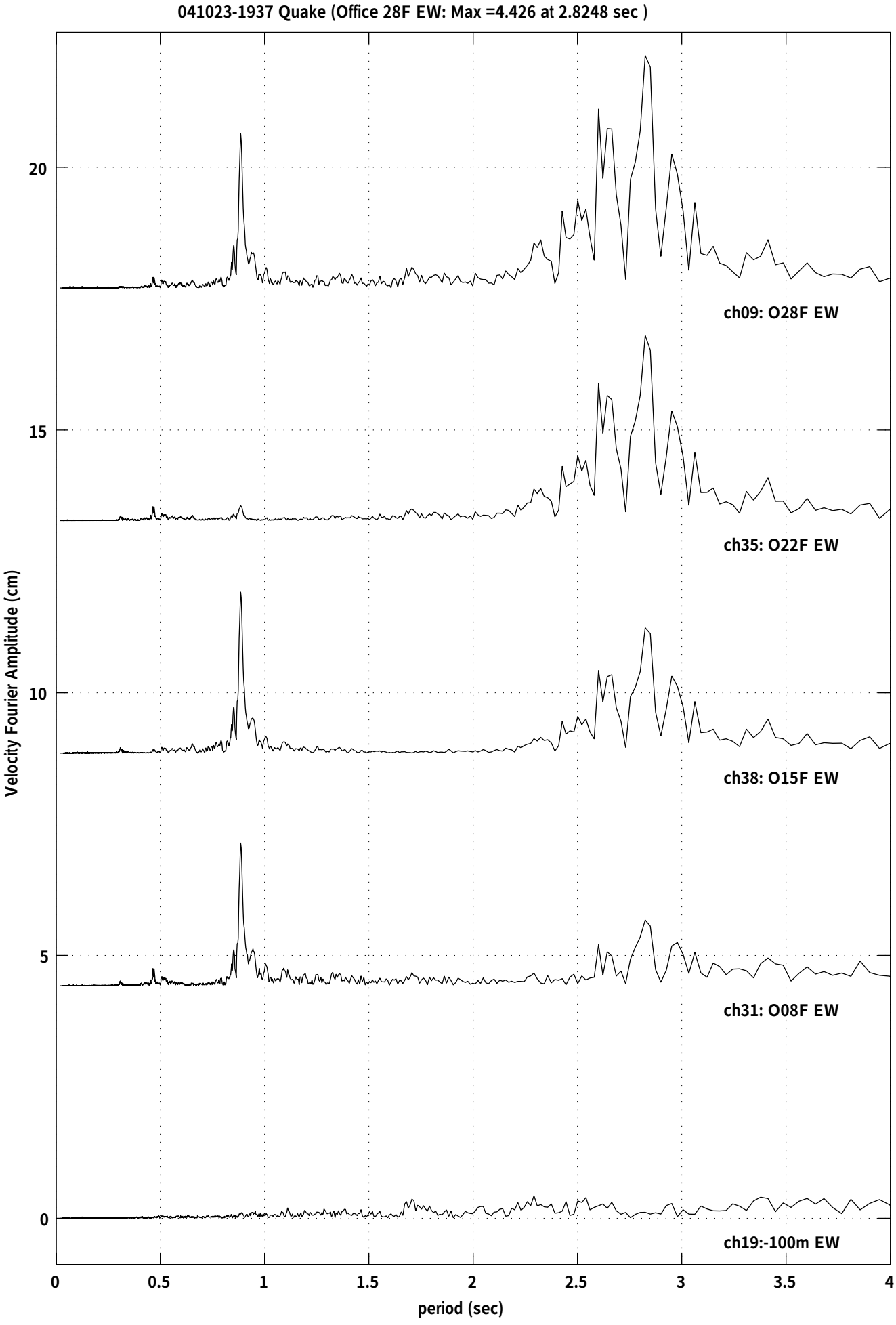

041023-1937 Quake (O28F NS2: Max =0.1906 at 42.96 sec)
ch34: O28F NS2
ch37: O22F NS2
ch40: O15F NS2
ch33: O08F NS2
ch20:-100m NS
Displacement (cm)
time (sec)
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0
50
100
150
200
250


041023-1937 Quake (Office 28F NS2: Max =9.351 at 2.6859 sec)
Velocity Fourier Amplitude (cm)
45
40
35
30
25
20
15
10
5
0
ch34: O28F NS2
ch37: O22F NS2
ch40: O15F NS2
ch33: O08F NS2
ch20:-100m NS
0
0.5
1
1.5
2
2.5
3
3.5
4
period (sec)


041023-1937 Quake (O28F EW: Max =2.605 at 23.77 sec)
ch09: O28F EW
ch35: O22F EW
ch38: O15F EW
ch31: O08F EW
ch19:-100m EW
Acceleration (gal)
time (sec)
25
20
15
10
5
0
0
50
100
150
200
250


041023-1937 Quake (O28F EW: Max =0.3066 at 22.14 sec)
ch09: O28F EW
ch35: O22F EW
ch38: O15F EW
ch31: O08F EW
ch19:-100m EW
Velocity (cm/sec)
time (sec)
3
2.5
2
1.5
1
0.5
0
0
50
100
150
200
250


041023-1937 Quake (O28F EW: Max =0.1007 at 46.15 sec)
ch09: O28F EW
ch35: O22F EW
ch38: O15F EW
ch31: O08F EW
ch19:-100m EW
Displacement (cm)
time (sec)
0
0.2
0.4
0.6
0.8
1
0
50
100
150
200
250


041023-1937 Quake (Office 28F EW: Max =4.426 at 2.8248 sec)
Velocity Fourier Amplitude (cm)
20
15
10
5
0
ch09: O28F EW
ch35: O22F EW
ch38: O15F EW
ch31: O08F EW
ch19:-100m EW
0
0.5
1
1.5
2
2.5
3
3.5
4
period (sec)