5.2.x Site R13 - raw total, edited, and zoomed data and MatLab's editing details

Site R13 - vertical - raw data

Site R13 - vertical - edited data
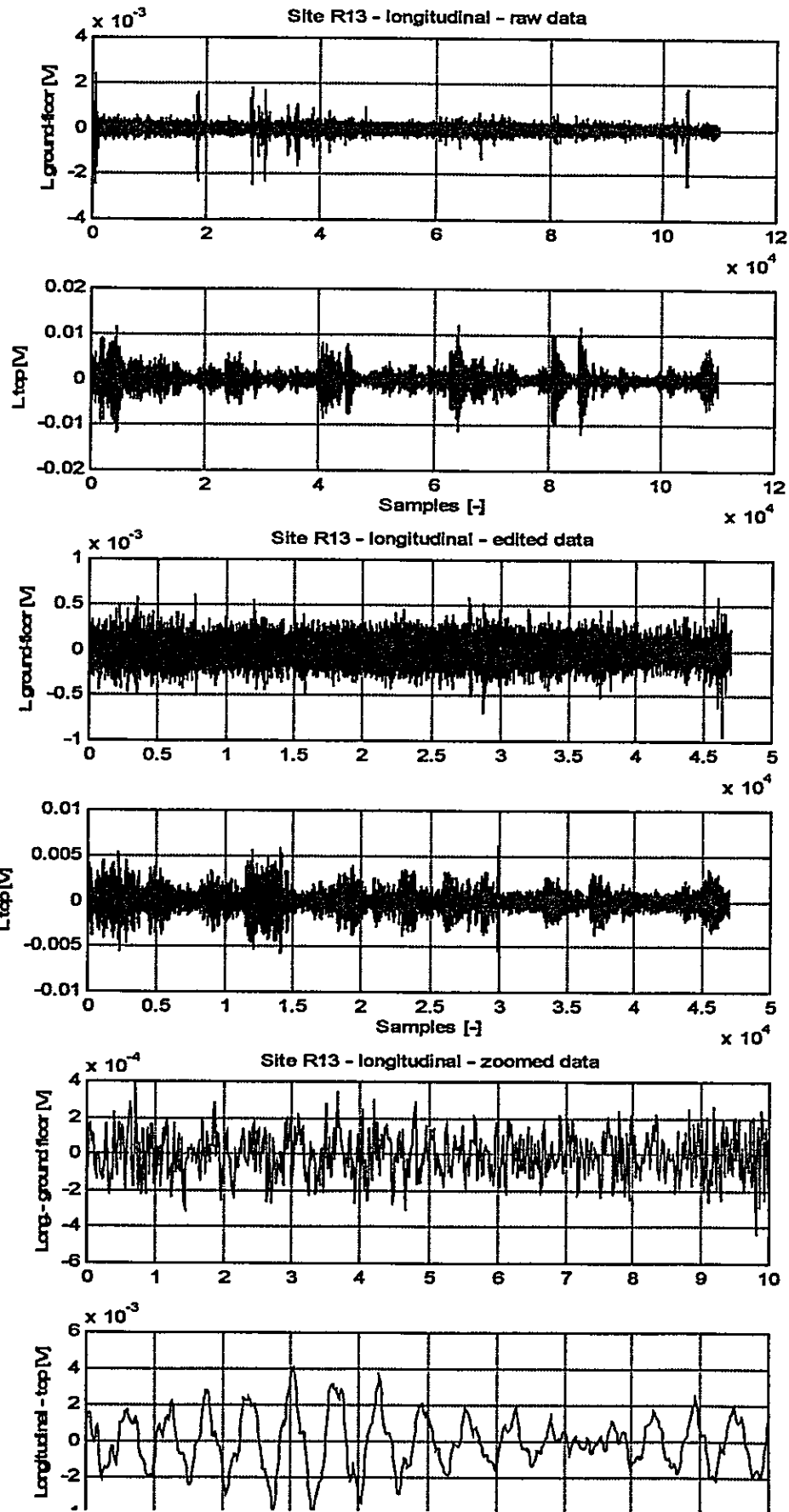
Site R13 - vertical - zoomed data
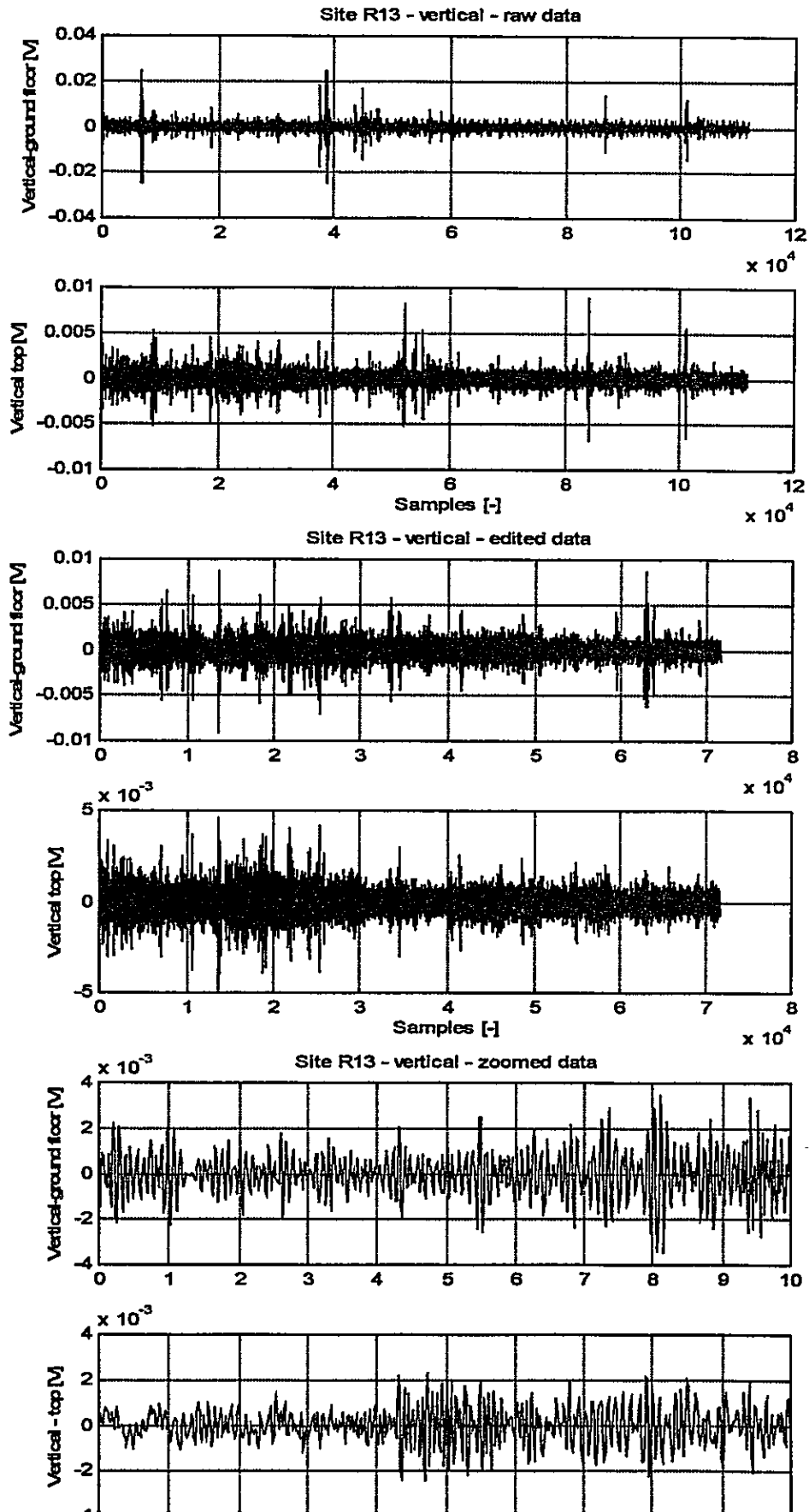
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_r13\r13m1ch1.001
» load c:\iran00\data\site_r13\r13m1ch2.002
» p2v(r13m1ch1,r13m1ch2)

» er13m1ch1=[r13m1ch1(1000:6000);r13m1ch1(10000:35000);r13m1ch1(40000:43000);
r13m1ch1(60000:82000);r13m1ch1(93000:101000);r13m1ch1(103000:length(r13m1ch1))];
» er13m1ch2=[r13m1ch2(1000:6000);r13m1ch2(10000:35000);r13m1ch2(40000:43000);
r13m1ch2(60000:82000);r13m1ch2(93000:101000);r13m1ch2(103000:length(r13m1ch2))];
» p2v(er13m1ch1,er13m1ch2)

» save c:\iran00\temp\er13m1ch1.dat er13m1ch1 /ascii
» save c:\iran00\temp\er13m1ch2.dat er13m1ch2 /asci
```
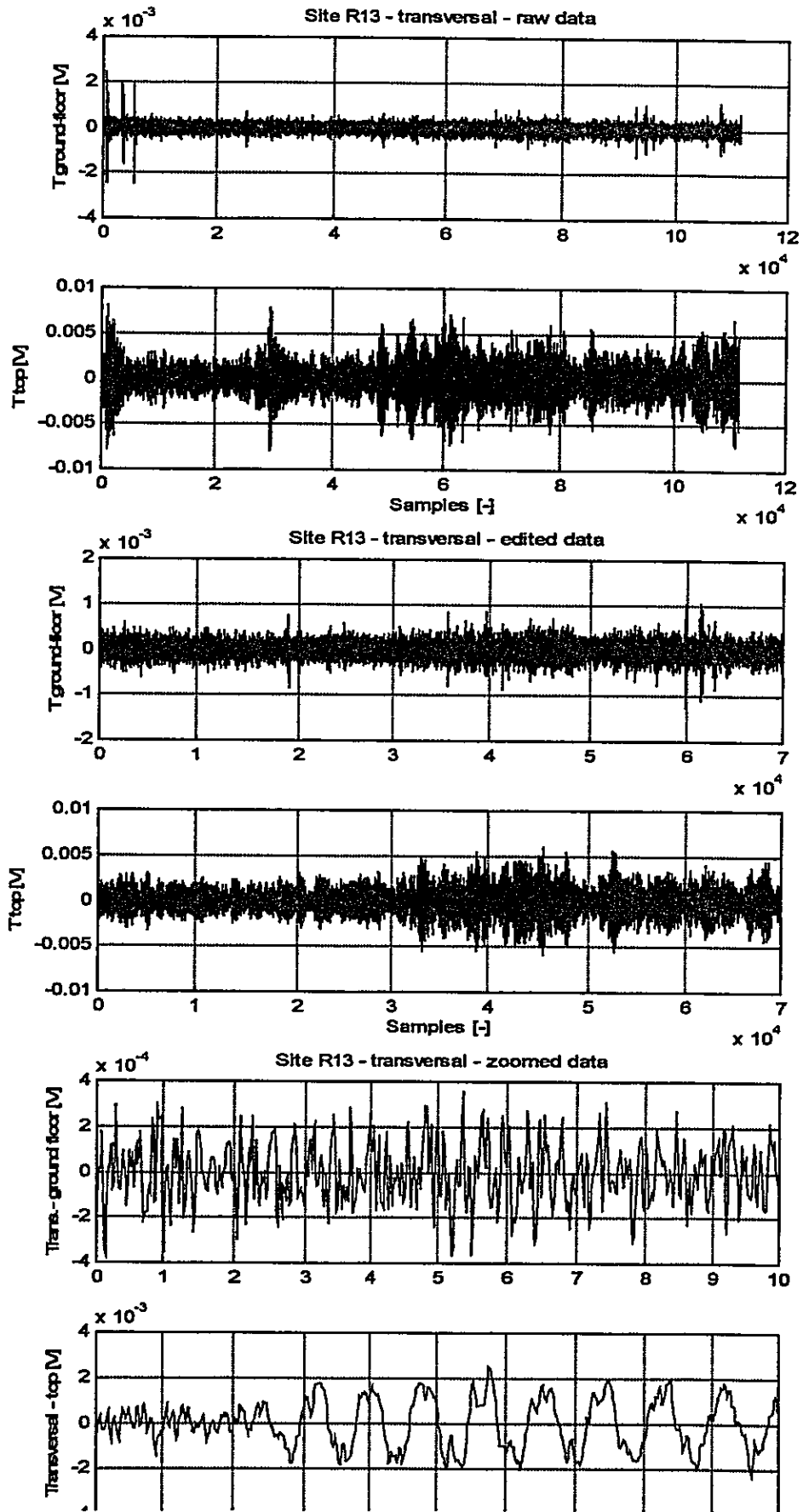
Site R13 – longitudinal – raw data

Site R13 – longitudinal – edited data

Site R13 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_r13\r13m2ch1.001
» load c:\iran00\data\site_r13\r13m2ch2.002
» p2l(r13m2ch1,r13m2ch2)

» er13m2ch1=[r13m2ch1(10000:18000);r13m2ch1(20000:27000);
r13m2ch1(48000:63000);r13m2ch1(75000:79000);r13m2ch1(90000:103000)];
» er13m2ch2=[r13m2ch2(10000:18000);r13m2ch2(20000:27000);
r13m2ch2(48000:63000);r13m2ch2(75000:79000);r13m2ch2(90000:103000)];
» p2l(er13m2ch1,er13m2ch2)

» save c:\iran00\temp\er13m2ch1.dat er13m2ch1 /ascii
» save c:\iran00\temp\er13m2ch2.dat er13m2ch2 /ascii

Site R13 - transversal - raw data

Site R13 - transversal - edited data

Site R13 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_r13\r13m3ch1.001
» load c:\iran00\data\site_r13\r13m3ch3.003
» p2t(r13m3ch1,r13m3ch3)

» er13m3ch1=[r13m3ch1(6000:25000);r13m3ch1(35000:48000);r13m3ch1(65000:103000)];
» er13m3ch3=[r13m3ch3(6000:25000);r13m3ch3(35000:48000);r13m3ch3(65000:103000)];
» p2t(er13m3ch1,er13m3ch3)

» save c:\iran00\temp\er13m3ch1.dat er13m3ch1 /ascii
» save c:\iran00\temp\er13m3ch3.dat er13m3ch3 /ascii

5.2.x Site R14 - raw total, edited, and zoomed data and MatLab's editing details

Site R14 - vertical - raw data

Site R14 - vertical - edited data
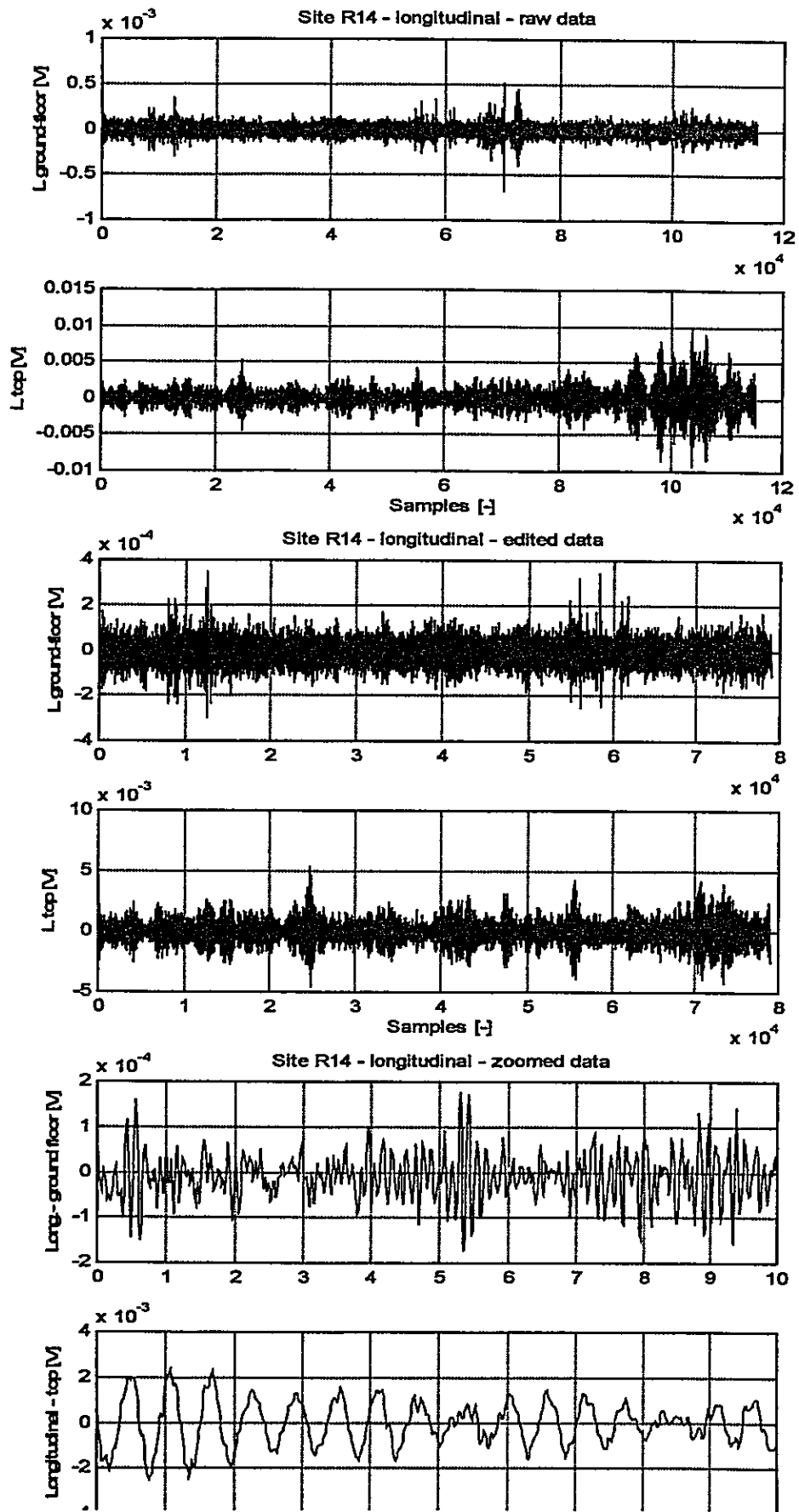

Site R14 - vertical - zoomed data
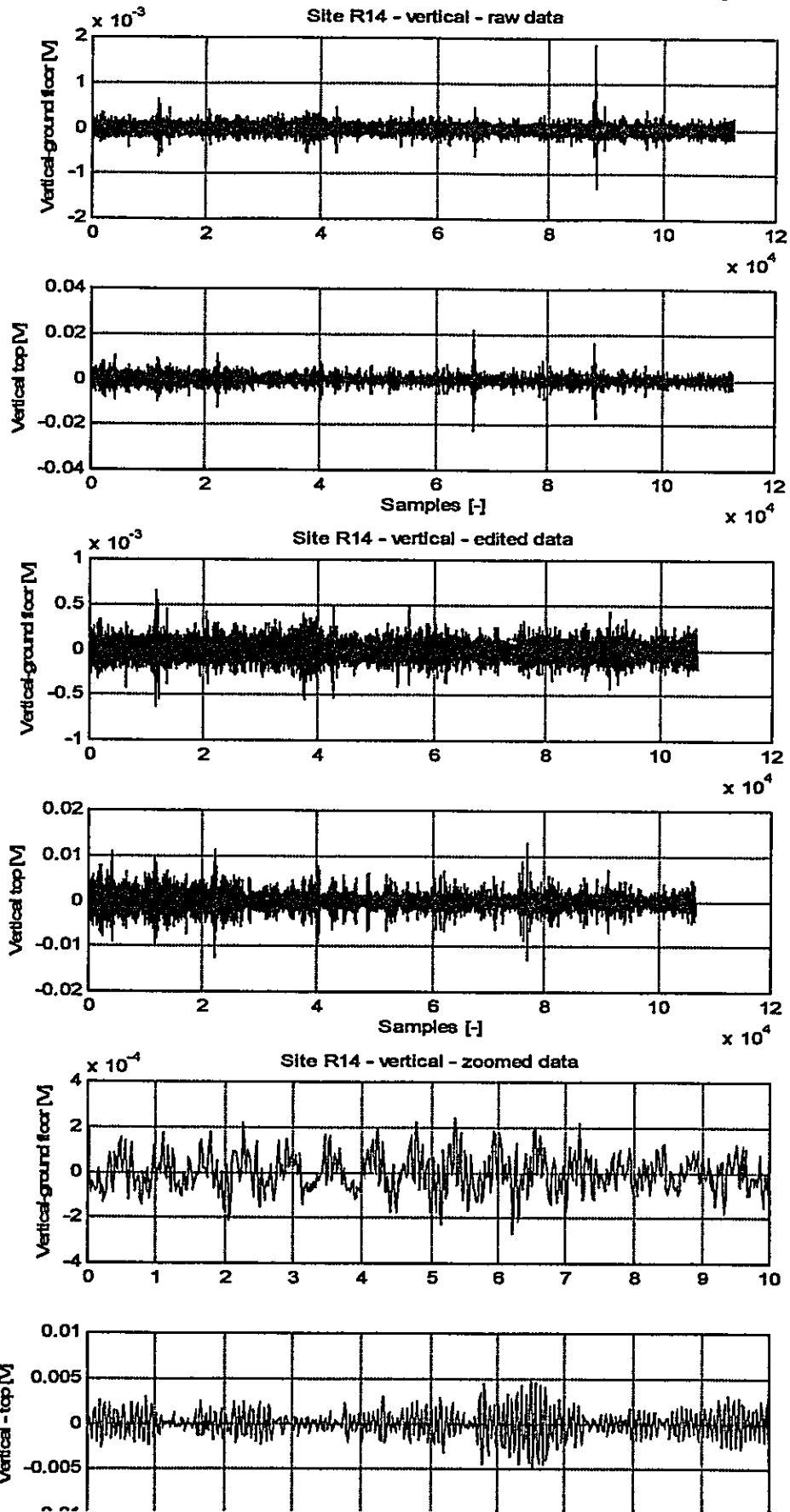
MatLab raw data editing details. Vertical data.

```
» load i:\site_r14\r14m1ch1.001
» load i:\site_r14\r14m1ch2.002
» p2v(r14m1ch1,r14m1ch2)

» er14m1ch1=[r14m1ch1(1:65000);r14m1ch1(68000:87000);
r14m1ch1(90000:length(r14m1ch1))];
» er14m1ch2=[r14m1ch2(1:65000);r14m1ch2(68000:87000);
r14m1ch2(90000:length(r14m1ch2))];
» p2v(er14m1ch1,er14m1ch2)

» save c:\iran00\temp\er14m1ch1.dat er14m1ch1 /ascii
» save c:\iran00\temp\er14m1ch2.dat er14m1ch2 /ascii
```
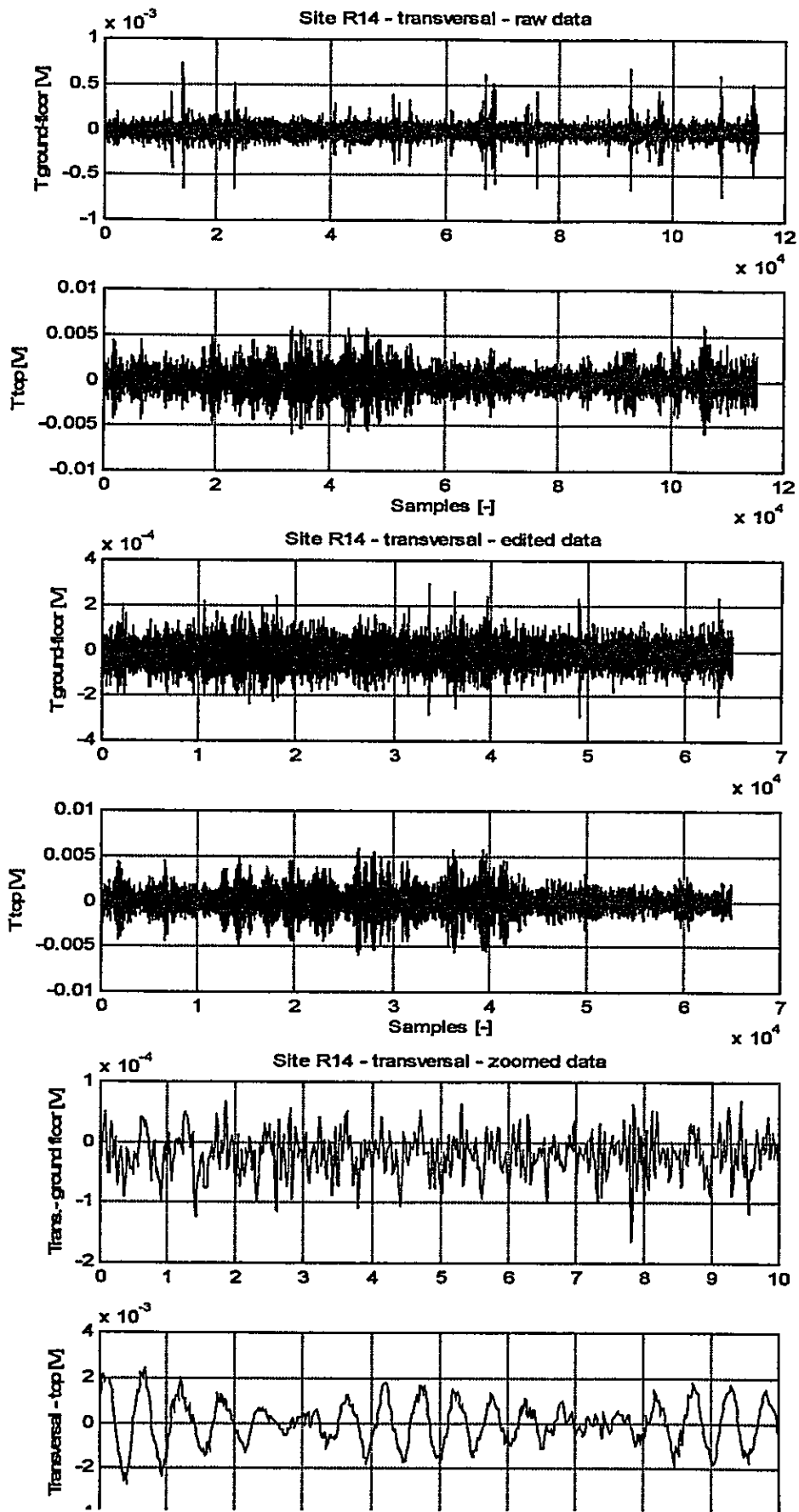
.

Site R14 - longitudinal - raw data

Site R14 - longitudinal - edited data

Site R14 - longitudinal - zoomed data

MatLab raw data editing details. Longitudinal data.

```
» load i:\site_r14\r14m2ch1.001
» load i:\site_r14\r14m2ch2.002
» p2l(r14m2ch1,r14m2ch2)

» er1m2ch1=[r14m2ch1(1:64000);r14m2ch1(75000:90000)];
» er1m2ch2=[r14m2ch2(1:64000);r14m2ch2(75000:90000)];

» er14m2ch1=er1m2ch1;
» er14m2ch2=er1m2ch2;
» p2l(er14m2ch1,er14m2ch2)

» save c:\iran00\temp\er14m2ch1.dat er14m2ch1 /ascii
» save c:\iran00\temp\er14m2ch2.dat er14m2ch2 /ascii
```
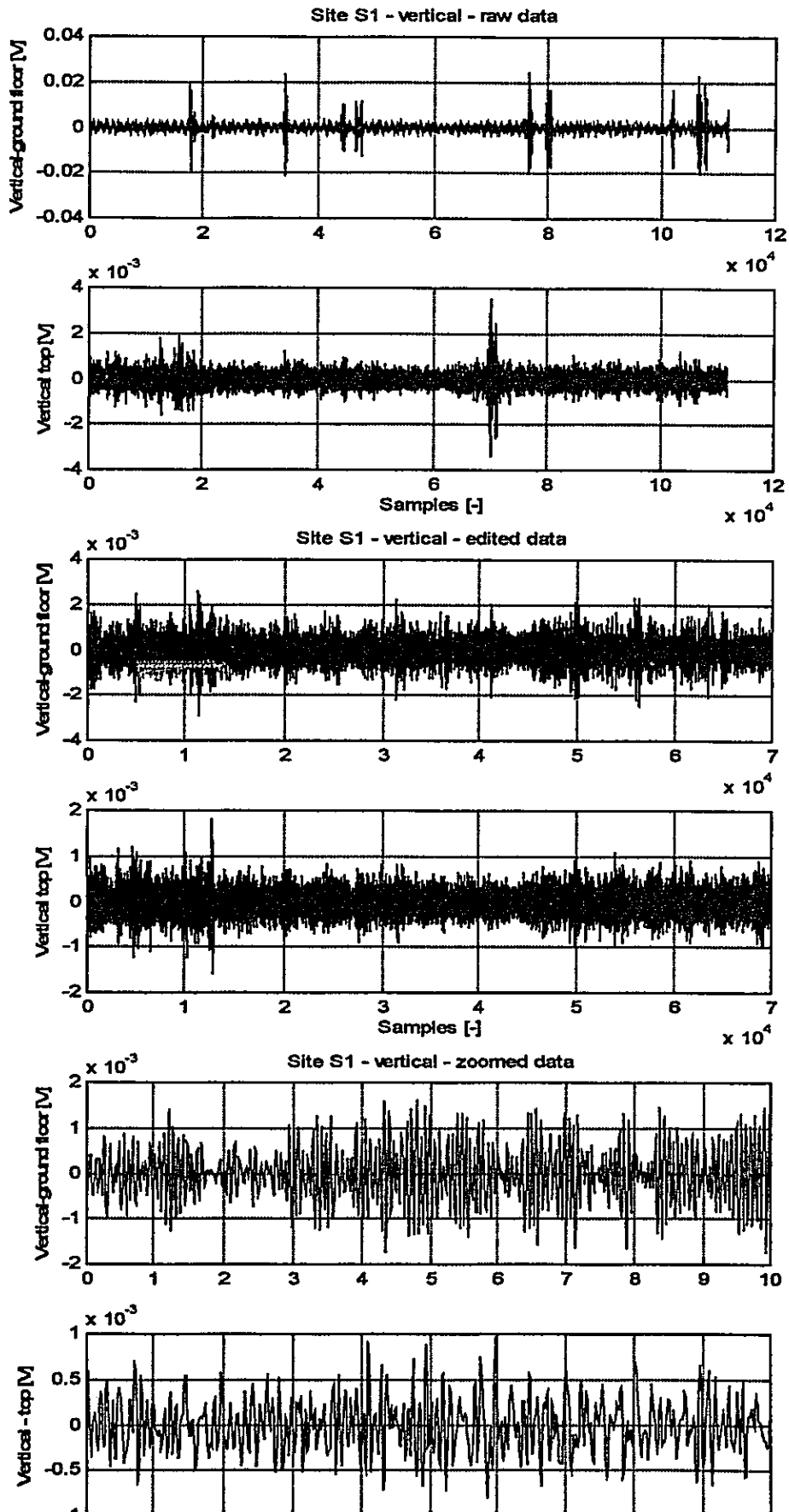
Site R14 – transversal – raw data

Site R14 – transversal – edited data

Site R14 – transversal – zoomed data

MatLab raw data editing details. Transversal data.

» load i:\site_r14\r14m3ch1.001
» load i:\site_r14\r14m3ch3.003
» p2t(r14m3ch1,r14m3ch3)

» er14m3ch1=[r14m3ch1(1:10000);r14m3ch1(15000:22000);r14m3ch1(24000:50000);
r14m3ch1(55000:64000);r14m3ch1(77000:90000)];
» er14m3ch3=[r14m3ch3(1:10000);r14m3ch3(15000:22000);r14m3ch3(24000:50000);
r14m3ch3(55000:64000);r14m3ch3(77000:90000)];
» p2t(er14m3ch1,er14m3ch3)

» save c:\iran00\temp\er14m3ch1.dat er14m3ch1 /ascii
» save c:\iran00\temp\er14m3ch3.dat er14m3ch3 /ascii

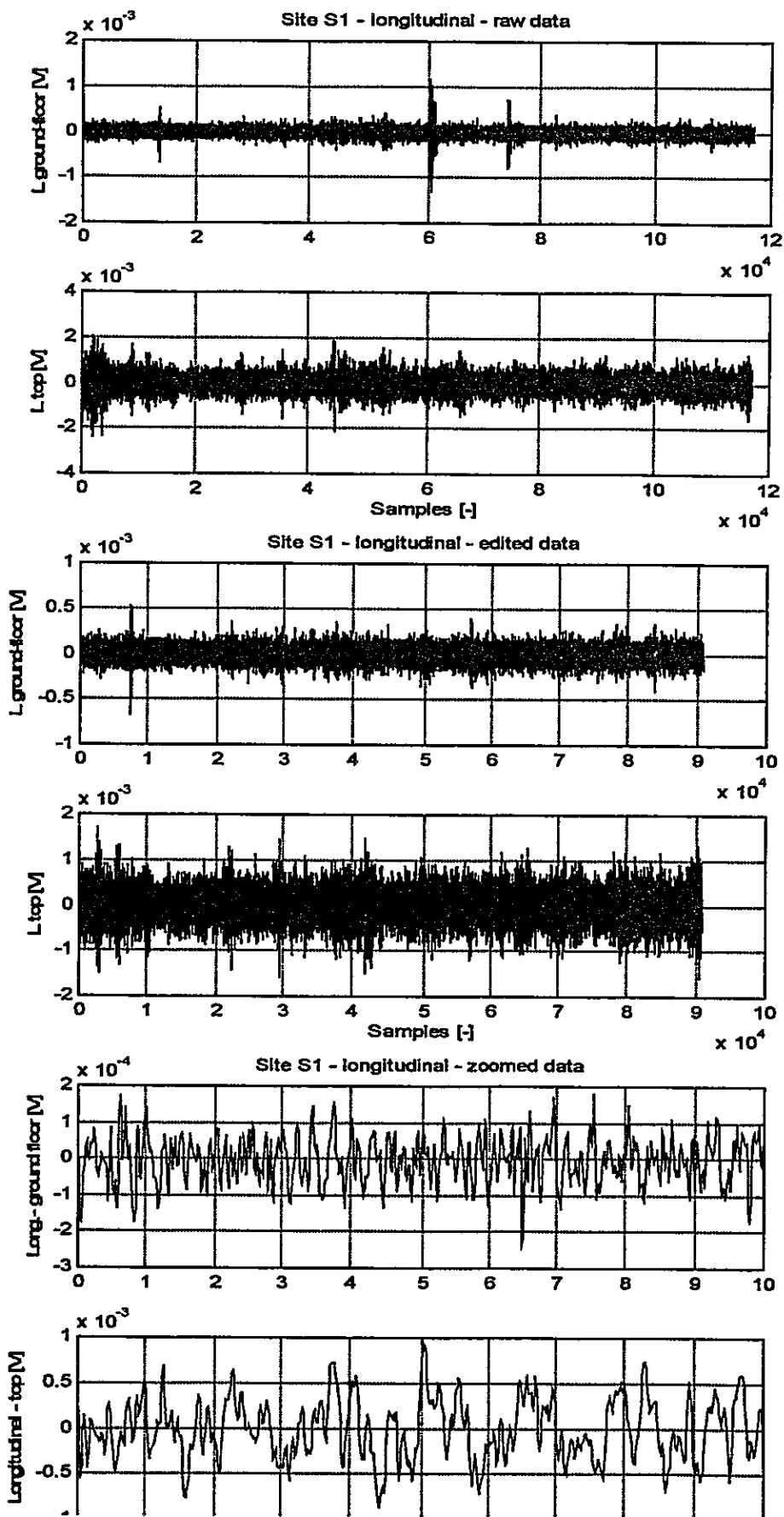# 5.2.x Site S1 – raw total, edited, and zoomed data and MatLab's editing details

Site S1 - vertical - raw data

Site S1 - vertical - edited data

Site S1 - vertical - zoomed data

MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_s1\s1m1ch1.001
» load c:\iran00\data\site_s1\s1m1ch2.002
» p2v(s1m1ch1,s1m1ch2)

» es1m1ch1=[s1m1ch1(1:13000);s1m1ch1(22000:34000);s1m1ch1(36000:43000);
s1m1ch1(48000:69000);s1m1ch1(82000:101000)];
» es1m1ch2=[s1m1ch2(1:13000);s1m1ch2(22000:34000);s1m1ch2(36000:43000);
s1m1ch2(48000:69000);s1m1ch2(82000:101000)];
» p2v(es1m1ch1,es1m1ch2)
» es1m1ch1=[s1m1ch1(1:13000);s1m1ch1(22000:33000);s1m1ch1(37000:43000);
s1m1ch1(48000:69000);s1m1ch1(82000:101000)];
» es1m1ch2=[s1m1ch2(1:13000);s1m1ch2(22000:33000);s1m1ch2(37000:43000);
s1m1ch2(48000:69000);s1m1ch2(82000:101000)];
» p2v(es1m1ch1,es1m1ch2)

» save c:\iran00\temp\es1m1ch1.dat es1m1ch1 /ascii
» save c:\iran00\temp\es1m1ch2.dat es1m1ch2 /ascii

Site S1 – longitudinal – raw data

Site S1 – longitudinal – edited data

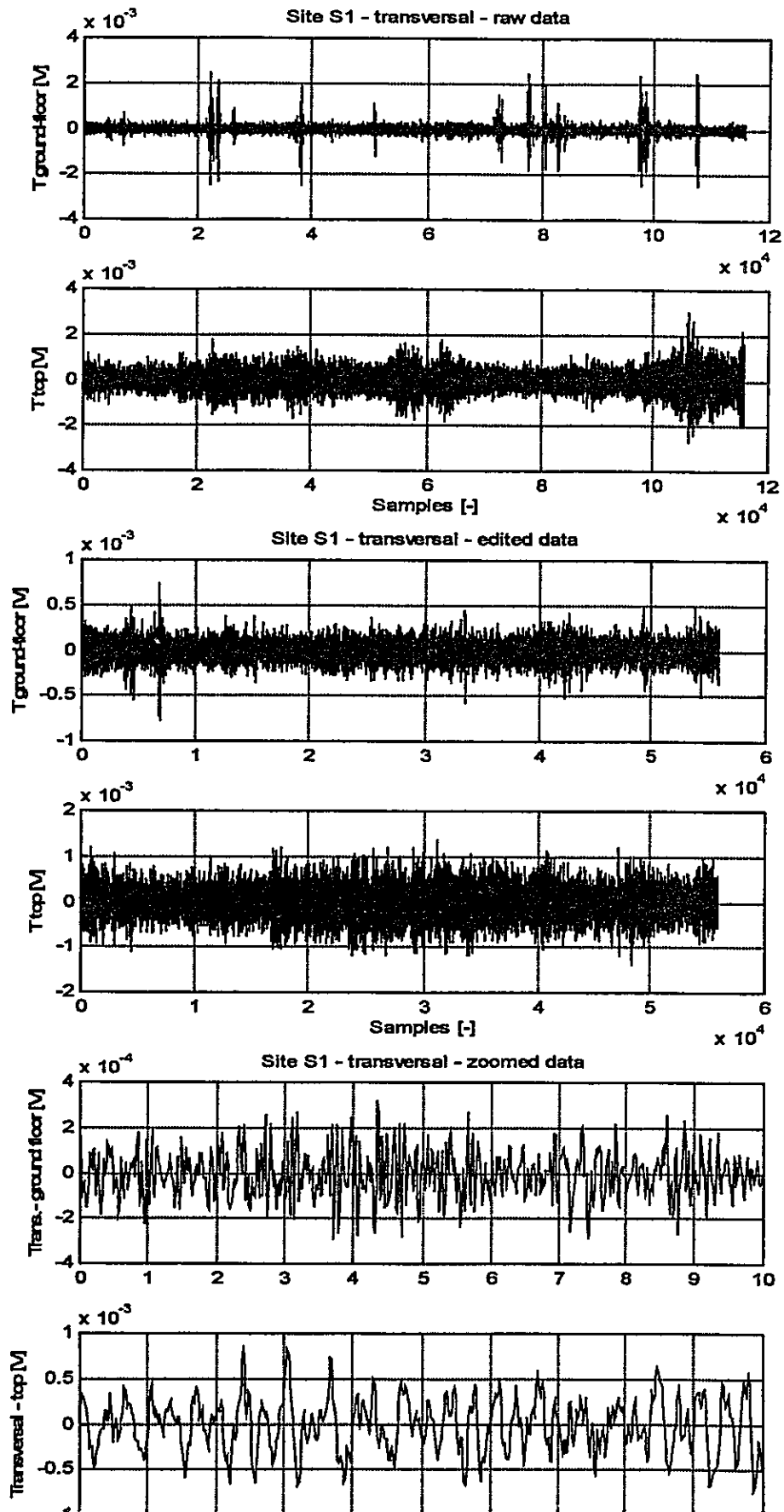Site S1 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s1\s1m2ch1.001
» load c:\iran00\data\site_s1\s1m2ch2.002
» p2l(s1m2ch1,s1m2ch2)

» es1m2ch1=[s1m2ch1(6000:44000);s1m2ch1(62000:length(s1m2ch1))];
» es1m2ch2=[s1m2ch2(6000:44000);s1m2ch2(62000:length(s1m2ch2))];
» p2l(es1m2ch1,es1m2ch2)

» es1m2ch2=[es1m2ch2(1:49000);es1m2ch2(51000:length(es1m2ch2))];
» es1m2ch1=[es1m2ch1(1:49000);es1m2ch1(51000:length(es1m2ch1))];
» p2l(es1m2ch1,es1m2ch2)

» save c:\iran00\temp\es1m2ch1.dat es1m2ch1 /ascii
» save c:\iran00\temp\es1m2ch2.dat es1m2ch2 /ascii
```

Site S1 - transversal - raw data

Site S1 - transversal - edited data

Site S1 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

```
» load c:\iran00\data\site_s1\s1m3ch1.001
» load c:\iran00\data\site_s1\s1m3ch3.003
» p2t(s1m3ch1,s1m3ch3)

» es1m3ch1=[s1m3ch1(1:21000);s1m3ch1(27000:35000);s1m3ch1(39000:50000);
s1m3ch1(65000:70000);s1m3ch1(86000:97000)];
» es1m3ch3=[s1m3ch3(1:21000);s1m3ch3(27000:35000);s1m3ch3(39000:50000);
s1m3ch3(65000:70000);s1m3ch3(86000:97000)];
» p2t(es1m3ch1,es1m3ch3)

» save c:\iran00\temp\es1m3ch1.dat es1m3ch1 /ascii
» save c:\iran00\temp\es1m3ch3.dat es1m3ch3 /ascii
```

## 5.2.x Site S2 - raw total, edited, and zoomed data and MatLab's editing details

Site S2 - vertical - raw data

Site S2 - vertical - edited data

Site S2 - vertical - zoomed data
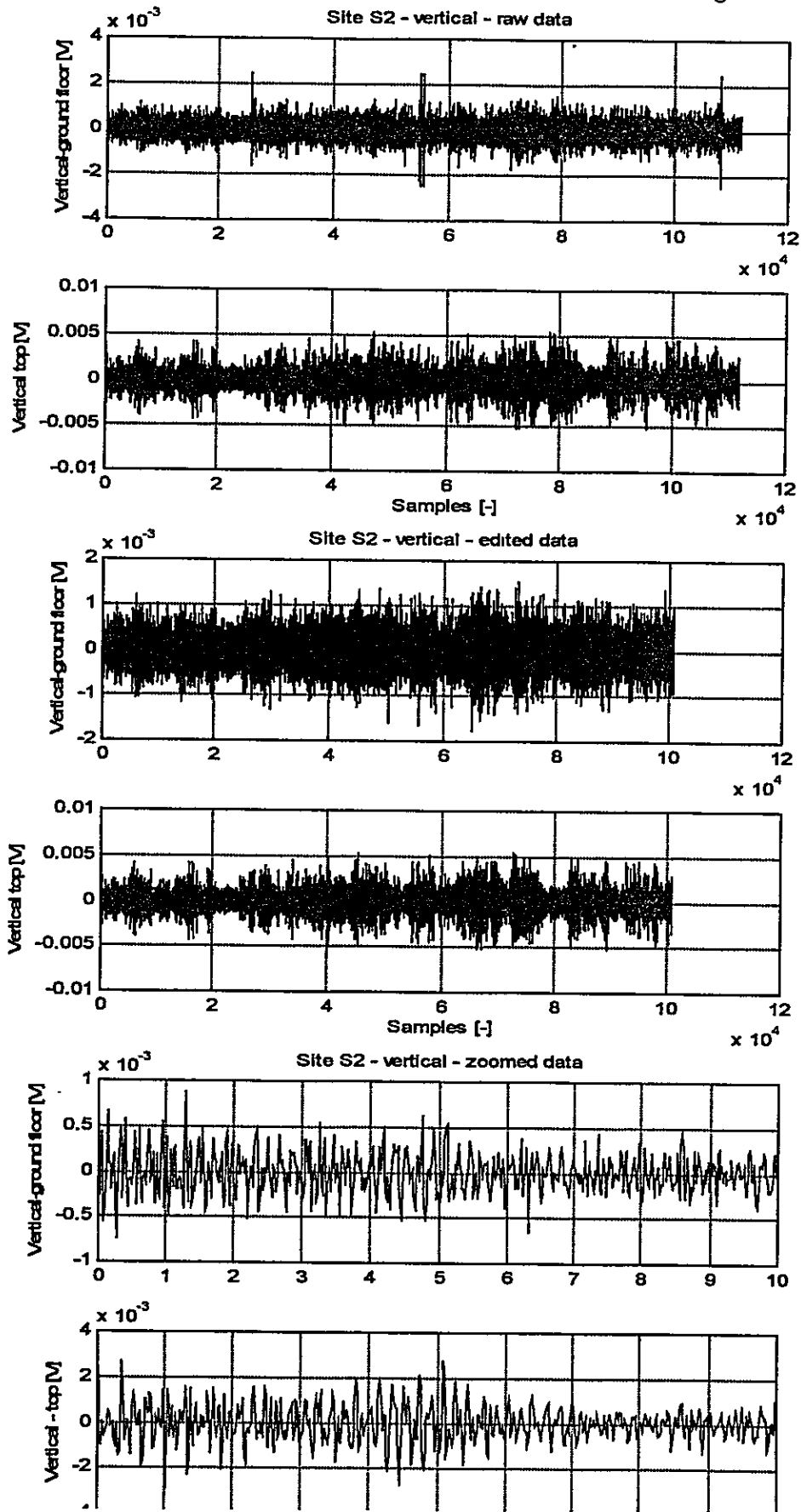
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_s2\s2m1ch1.001
» load c:\iran00\data\site_s2\s2m1ch2.002
» p2v(s2m1ch1,s2m1ch2)

» es2m1ch1=[s2m1ch1(1:25000);s2m1ch1(27000:53000);s2m1ch1(57000:107000)];
» es2m1ch2=[s2m1ch2(1:25000);s2m1ch2(27000:53000);s2m1ch2(57000:107000)];
» p2v(es2m1ch1,es2m1ch2)

» save c:\iran00\temp\es2m1ch1.dat es2m1ch1 /ascii
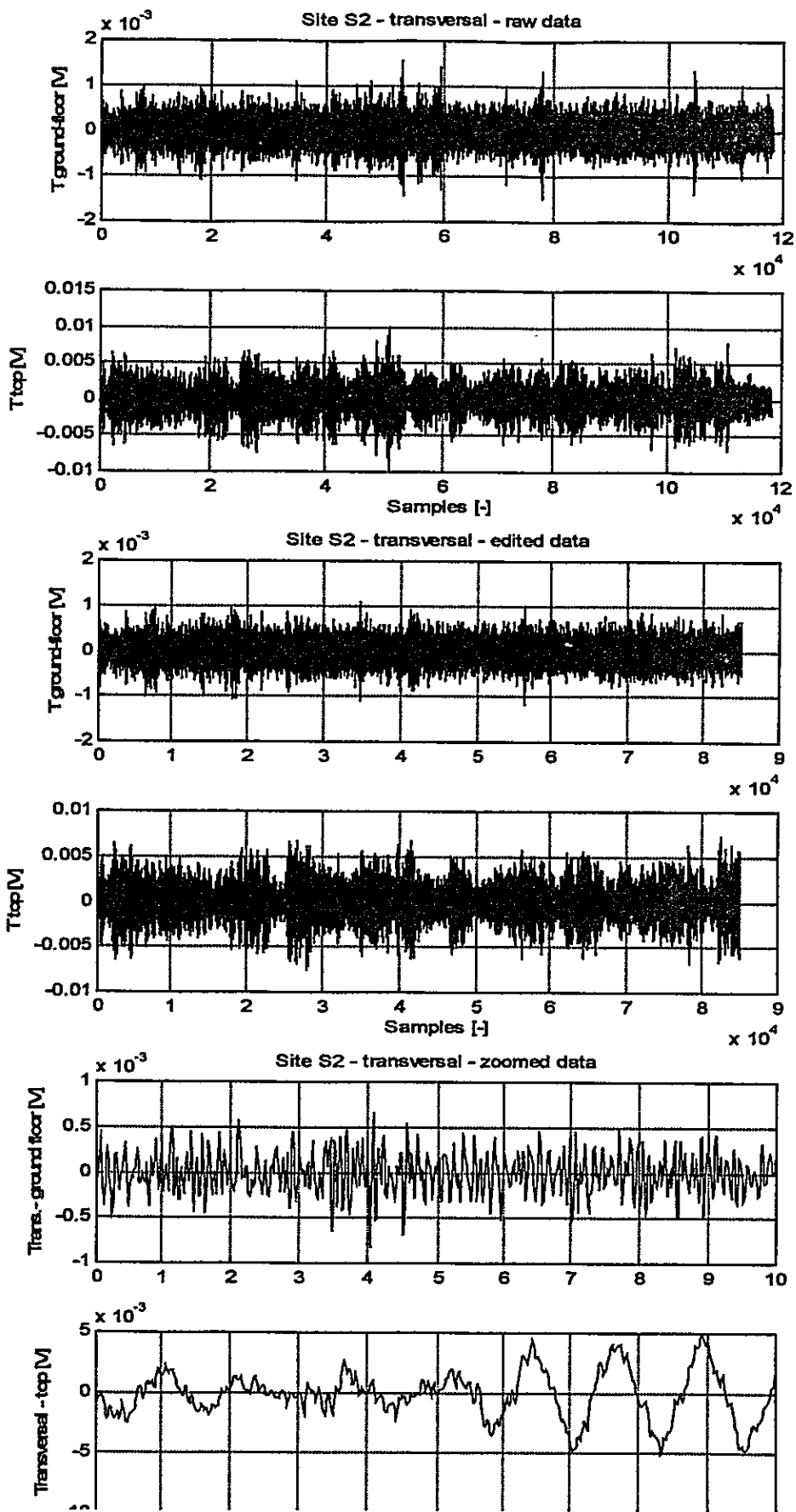» save c:\iran00\temp\es2m1ch2.dat es2m1ch2 /ascii

Site S2 - longitudinal - raw data

Site S2 - longitudinal - zoomed data
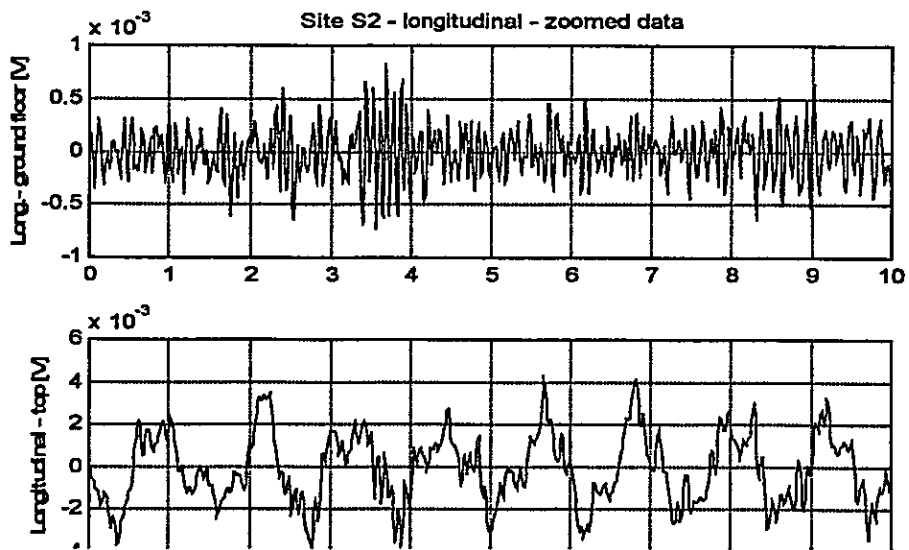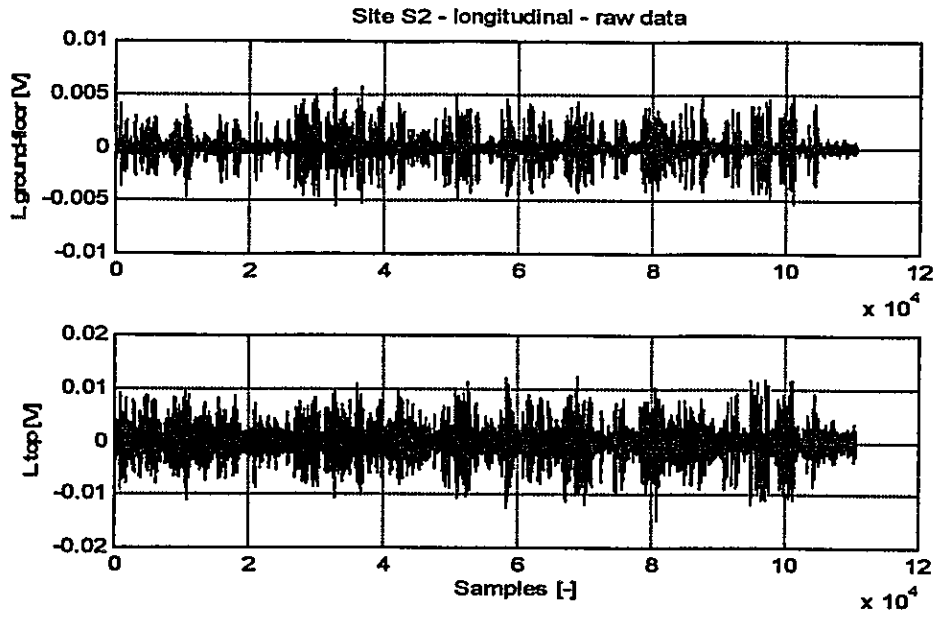
MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_s2\s2m2ch1.001
» load c:\iran00\data\site_s2\s2m2ch2.002
» p2l(s2m2ch1,s2m2ch2)

» es2m2ch1=s2m2ch1;
» es2m2ch2=s2m2ch2;

» save c:\iran00\temp\es2m2ch1.dat es2m2ch1 /ascii
» save c:\iran00\temp\es2m2ch2.dat es2m2ch2 /ascii

Site S2 - transversal - raw data

Site S2 - transversal - edited data

Site S2 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

```
» load c:\iran00\data\site_s2\s2m3ch1.001
» load c:\iran00\data\site_s2\s2m3ch3.003
» p2t(s2m3ch1,s2m3ch3)

» es2m3ch1=[s2m3ch1(1:45000);s2m3ch1(60000:75000);s2m3ch1(79000:104000)];
» es2m3ch3=[s2m3ch3(1:45000);s2m3ch3(60000:75000);s2m3ch3(79000:104000)];
» p2t(es2m3ch1,es2m3ch3)

» save c:\iran00\temp\es2m3ch1.dat es2m3ch1 /ascii
» save c:\iran00\temp\es2m3ch3.dat es2m3ch3 /ascii
```

5.2.x Site S3 - raw total, edited, and zoomed data and MatLab's editing details

Site S3 - vertical - raw data

Site S3 - vertical - edited data

Site S3 - vertical - zoomed data
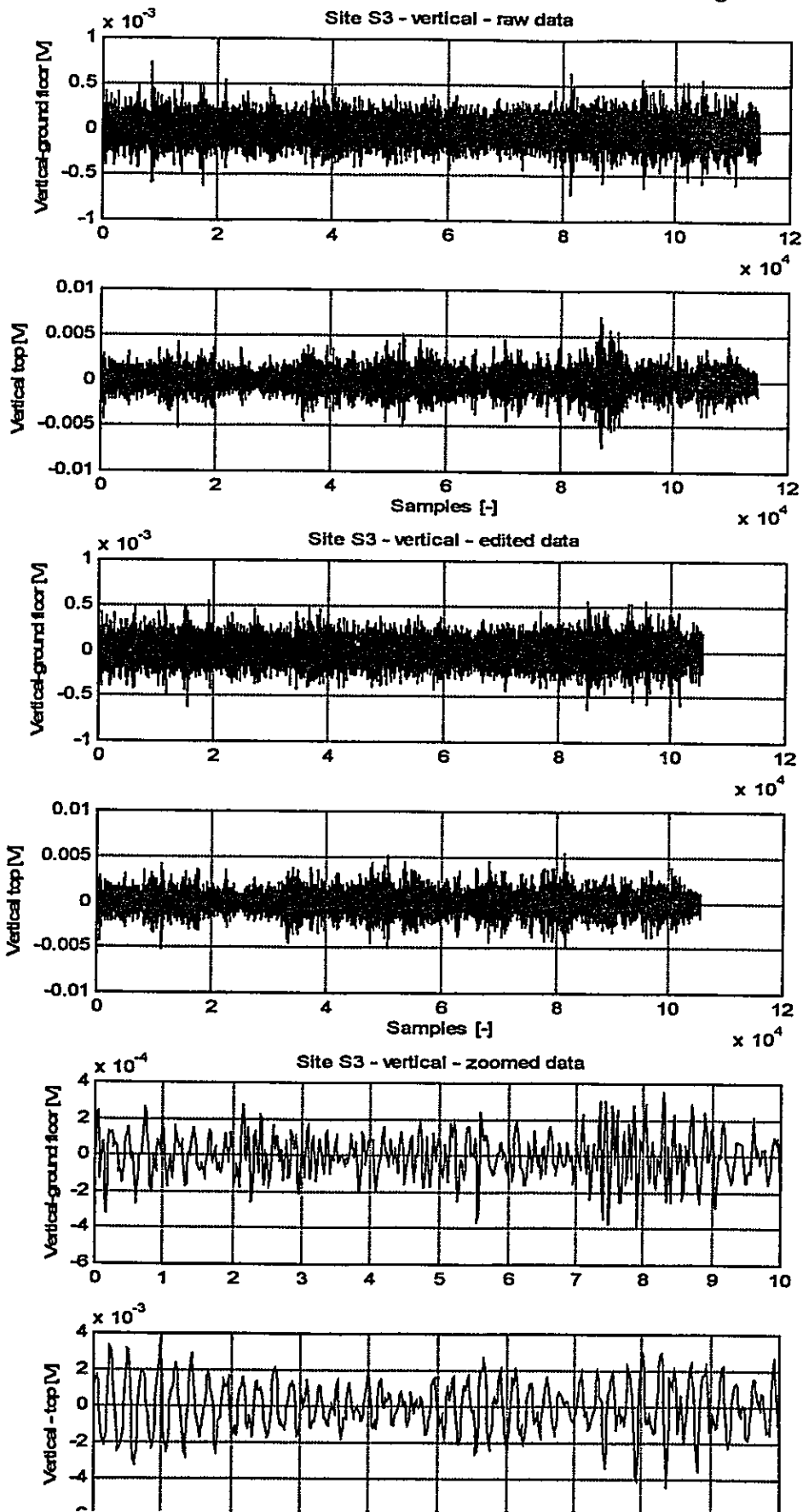
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_s3\s3m1ch1.001
» load c:\iran00\data\site_s3\s3m1ch2.002
» p2v(s3m1ch1,s3m1ch2)

» es3m1ch1=[s3m1ch1(1:8000);s3m1ch1(10000:80000);s3m1ch1(83000:86000);
s3m1ch1(90000:length(s3m1ch1))];
» es3m1ch2=[s3m1ch2(1:8000);s3m1ch2(10000:80000);s3m1ch2(83000:86000);
s3m1ch2(90000:length(s3m1ch2))];
» p2v(es3m1ch1,es3m1ch2)

» save c:\iran00\temp\es3m1ch1.dat es3m1ch1 /ascii
» save c:\iran00\temp\es3m1ch2.dat es3m1ch2 /ascii
```
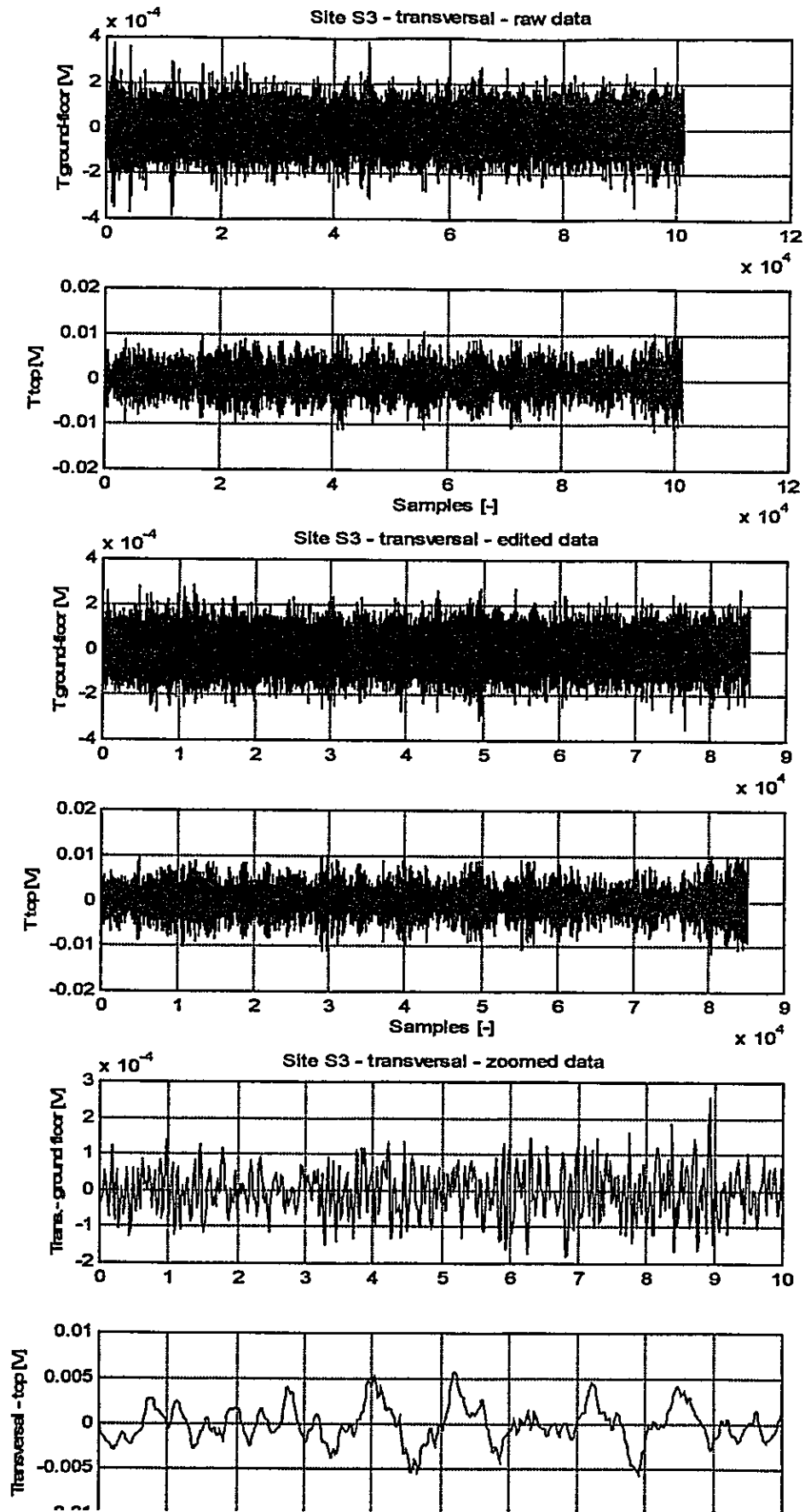
Site S3 - longitudinal - raw data

Site S3 - longitudinal - zoomed data
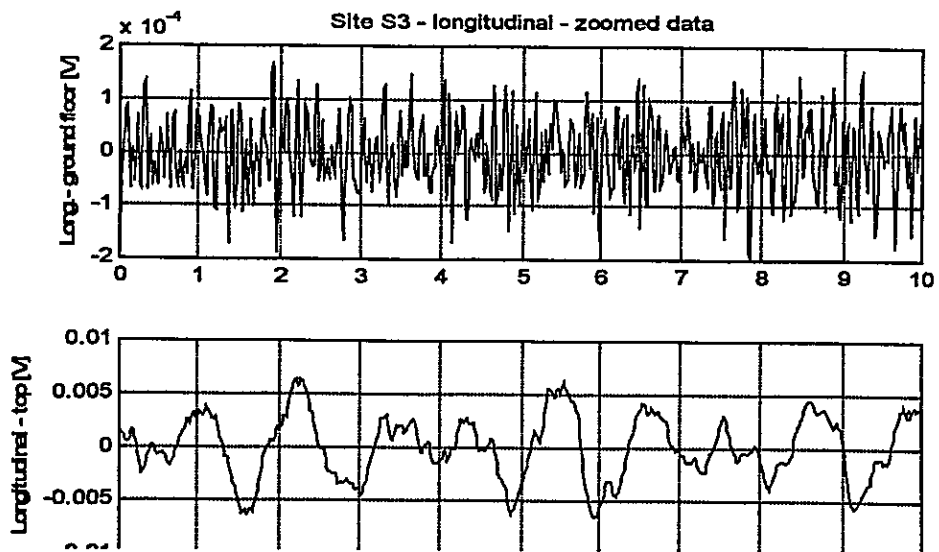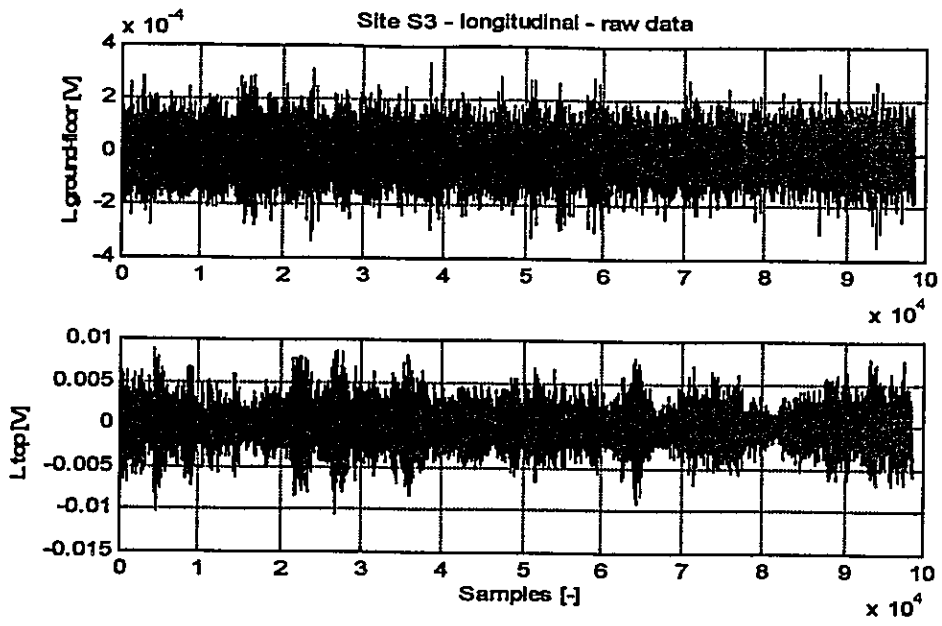
MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s3\s3m2ch1.001
» load c:\iran00\data\site_s3\s3m2ch2.002
» p2l(s3m2ch1,s3m2ch2)

» es3m2ch1=s3m2ch1;
» es3m2ch2=s3m2ch2;

» save c:\iran00\temp\es3m2ch1.dat es3m2ch1 /ascii
» save c:\iran00\temp\es3m2ch2.dat es3m2ch2 /ascii
```

Site S3 - transversal - raw data

Site S3 - transversal - edited data

Site S3 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_s3\s3m3ch1.001
» load c:\iran00\data\site_s3\s3m3ch3.003
» p2t(s3m3ch1,s3m3ch3)

» es3m3ch1=[s3m3ch1(12000:43000);s3m3ch1(47000:length(s3m3ch1))];
» es3m3ch3=[s3m3ch3(12000:43000);s3m3ch3(47000:length(s3m3ch3))];
» p2t(es3m3ch1,es3m3ch3)

» save c:\iran00\temp\es3m3ch1.dat es3m3ch1 /ascii
» save c:\iran00\temp\es3m3ch3.dat es3m3ch3 /ascii

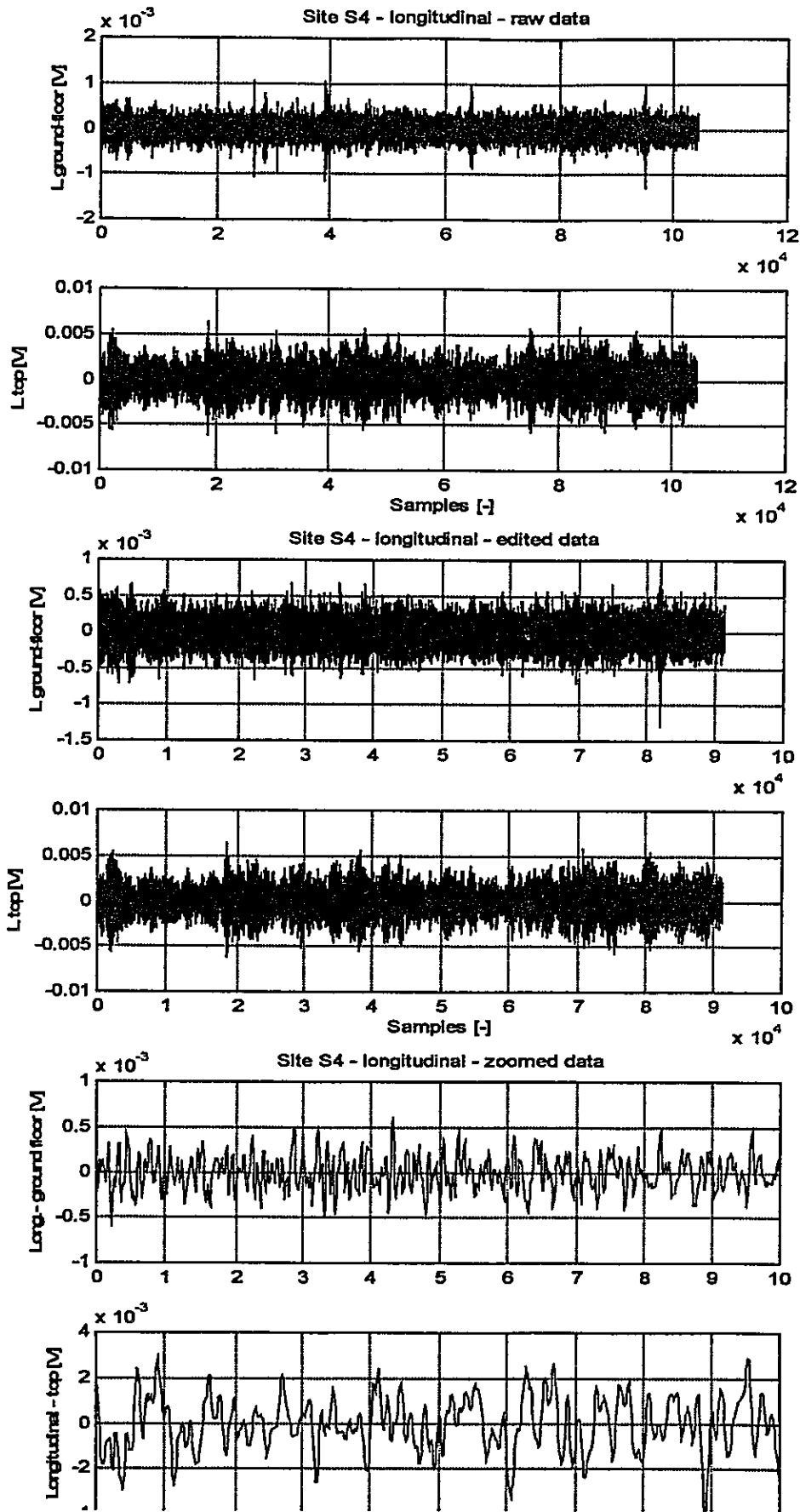## 5.2.x Site S4 - raw total, edited, and zoomed data and MatLab's editing details

Site S4 - vertical - raw data

Site S4 - vertical - edited data

Site S4 - vertical - zoomed data
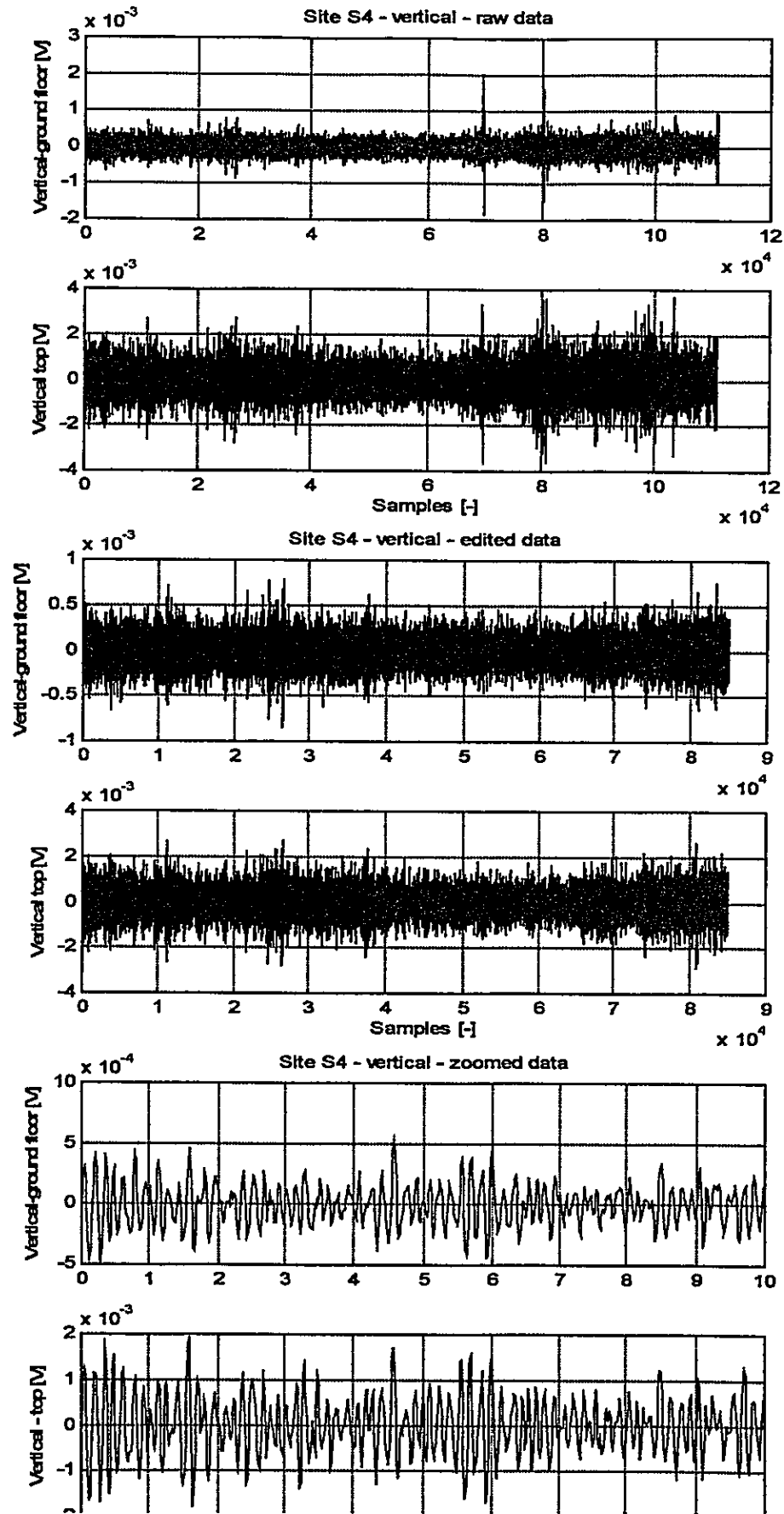
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_s4\s4m1ch1.001
» load c:\iran00\data\site_s4\s4m1ch2.002
» p2v(s4m1ch1,s4m1ch2)

» es4m1ch1=[s4m1ch1(1:68000);s4m1ch1(70000:76000);s4m1ch1(83000:94000)];
» es4m1ch2=[s4m1ch2(1:68000);s4m1ch2(70000:76000);s4m1ch2(83000:94000)];
» p2v(es4m1ch1,es4m1ch2)

» save c:\iran00\temp\es4m1ch1.dat es4m1ch1 /ascii
» save c:\iran00\temp\es4m1ch2.dat es4m1ch2 /ascii

Site S4 – longitudinal – raw data

Site S4 – longitudinal – edited data
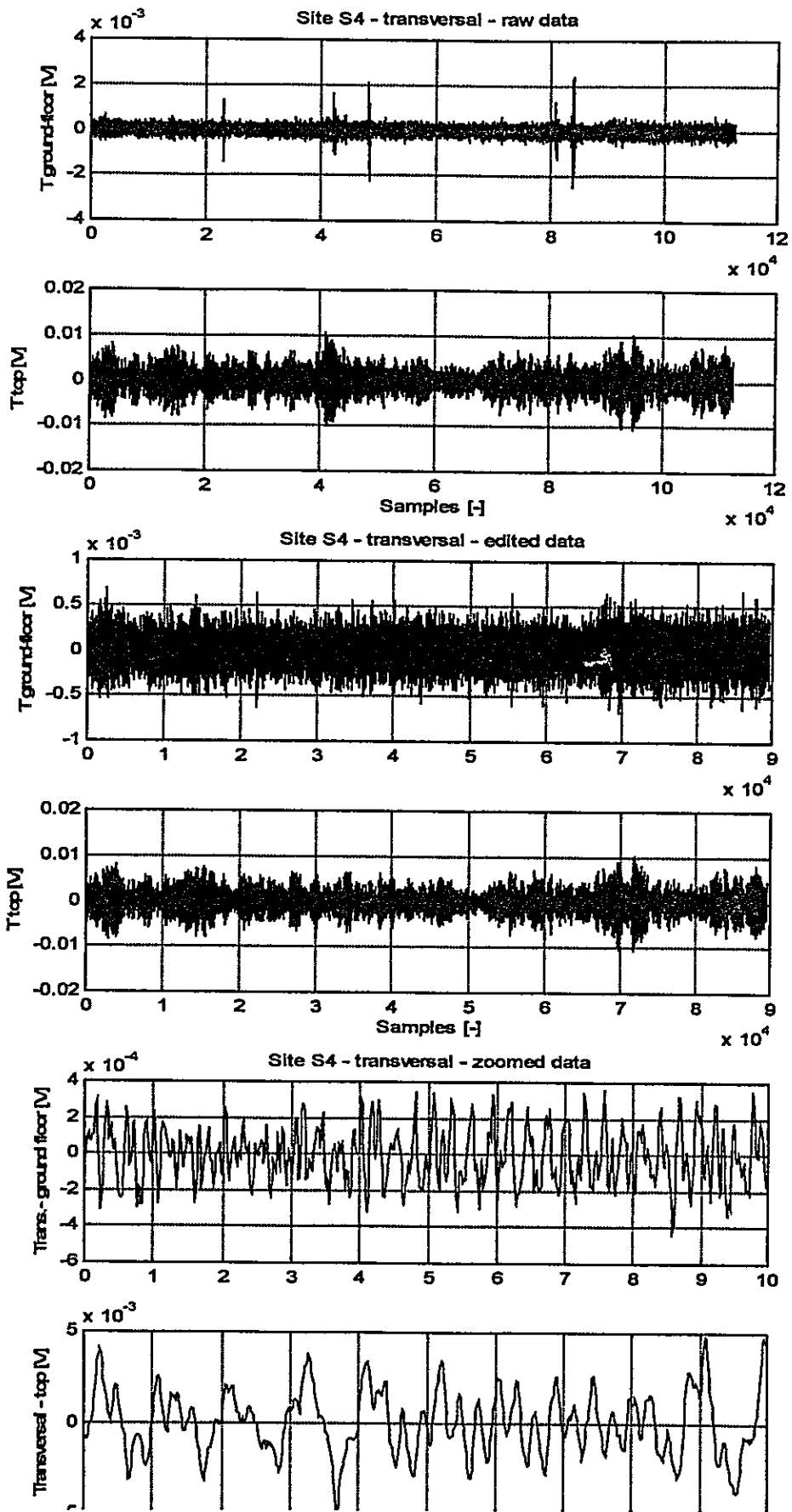
Site S4 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s4\s4m2ch1.001
» load c:\iran00\data\site_s4\s4m2ch2.002
» p2l(s4m2ch1,s4m2ch2)

» es4m2ch1=[s4m2ch1(1:25000);s4m2ch1(31000:38000);s4m2ch1(40000:63000);
s4m2ch1(66000:74000);s4m2ch1(76000:length(s4m2ch1))];
» es4m2ch2=[s4m2ch2(1:25000);s4m2ch2(31000:38000);s4m2ch2(40000:63000);
s4m2ch2(66000:74000);s4m2ch2(76000:length(s4m2ch2))];
» p2l(es4m2ch1,es4m2ch2)

» save c:\iran00\temp\es4m2ch1.dat es4m2ch1 /ascii
» save c:\iran00\temp\es4m2ch2.dat es4m2ch2 /ascii
```

.

Site S4 – transversal – raw data

Site S4 – transversal – edited data

Site S4 – transversal – zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_s4\s4m3ch1.001
» load c:\iran00\data\site_s4\s4m3ch3.003
» p2t(s4m3ch1,s4m3ch3)

» es4m3ch1=[s4m3ch1(1:22000);s4m3ch1(23000:40000);s4m3ch1(50000:60000);
s4m3ch1(65000:length(s4m3ch1))];
» es4m3ch3=[s4m3ch3(1:22000);s4m3ch3(23000:40000);s4m3ch3(50000:60000);
s4m3ch3(65000:length(s4m3ch3))];
» p2t(es4m3ch1,es4m3ch3)

» es4m3ch1=[es4m3ch1(1:64000);es4m3ch1(68000:length(es4m3ch1))];
» es4m3ch3=[es4m3ch3(1:64000);es4m3ch3(68000:length(es4m3ch3))];
» p2t(es4m3ch1,es4m3ch3)

» es4m3ch1=[es4m3ch1(1:63000);es4m3ch1(66000:length(es4m3ch1))];
» es4m3ch3=[es4m3ch3(1:63000);es4m3ch3(66000:length(es4m3ch3))];
» p2t(es4m3ch1,es4m3ch3)

» save c:\iran00\temp\es4m3ch1.dat es4m3ch1 /ascii
» save c:\iran00\temp\es4m3ch3.dat es4m3ch3 /ascii

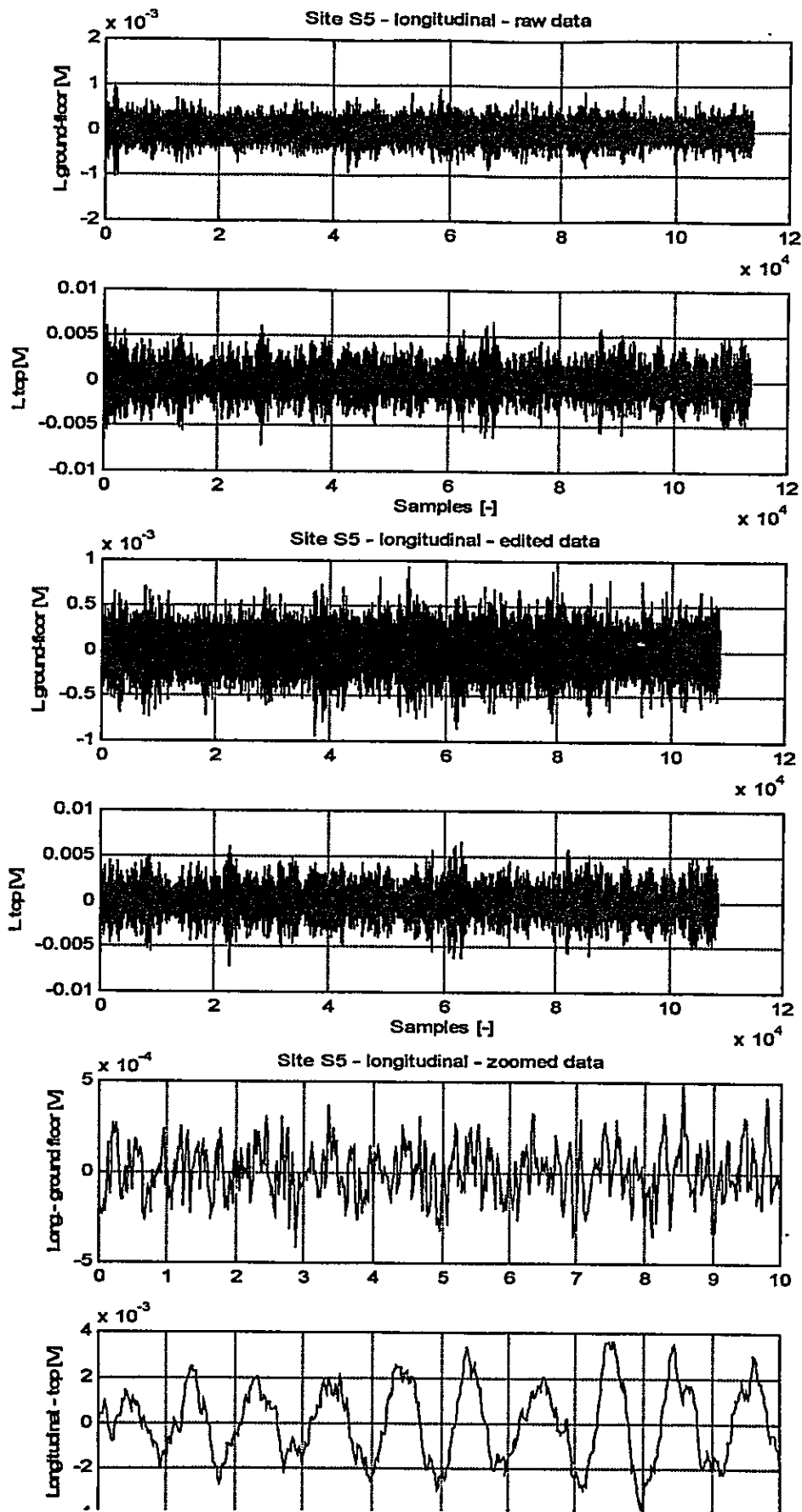## 5.2.x Site S5 - raw total, edited, and zoomed data and MatLab's editing details

Site S5 - vertical - raw data

Site S5 - vertical - edited data

Site S5 - vertical - zoomed data
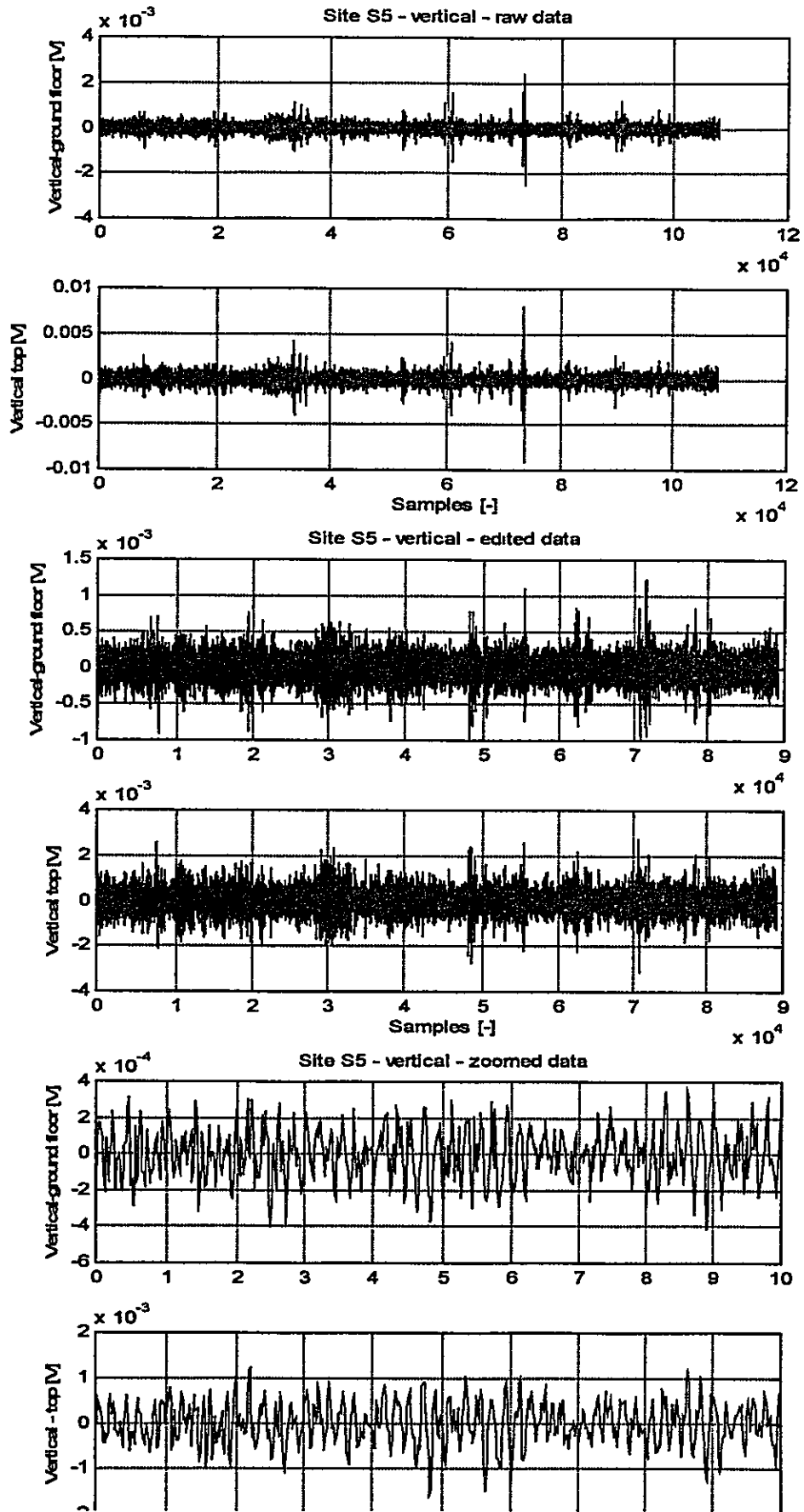
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_s5\s5m1ch1.001
» load c:\iran00\data\site_s5\s5m1ch2.002
» p2v(s5m1ch1,s5m1ch2)

» es5m1ch1=[s5m1ch1(1:33000);s5m1ch1(37000:60000);
s5m1ch1(75000:length(s5m1ch1))];
» es5m1ch2=[s5m1ch2(1:33000);s5m1ch2(37000:60000);
s5m1ch2(75000:length(s5m1ch2))];
» p2v(es5m1ch1,es5m1ch2)

» save c:\iran00\temp\es5m1ch1.dat es5m1ch1 /ascii
» save c:\iran00\temp\es5m1ch2.dat es5m1ch2 /ascii

Site S5 - longitudinal - raw data

Site S5 - longitudinal - edited data

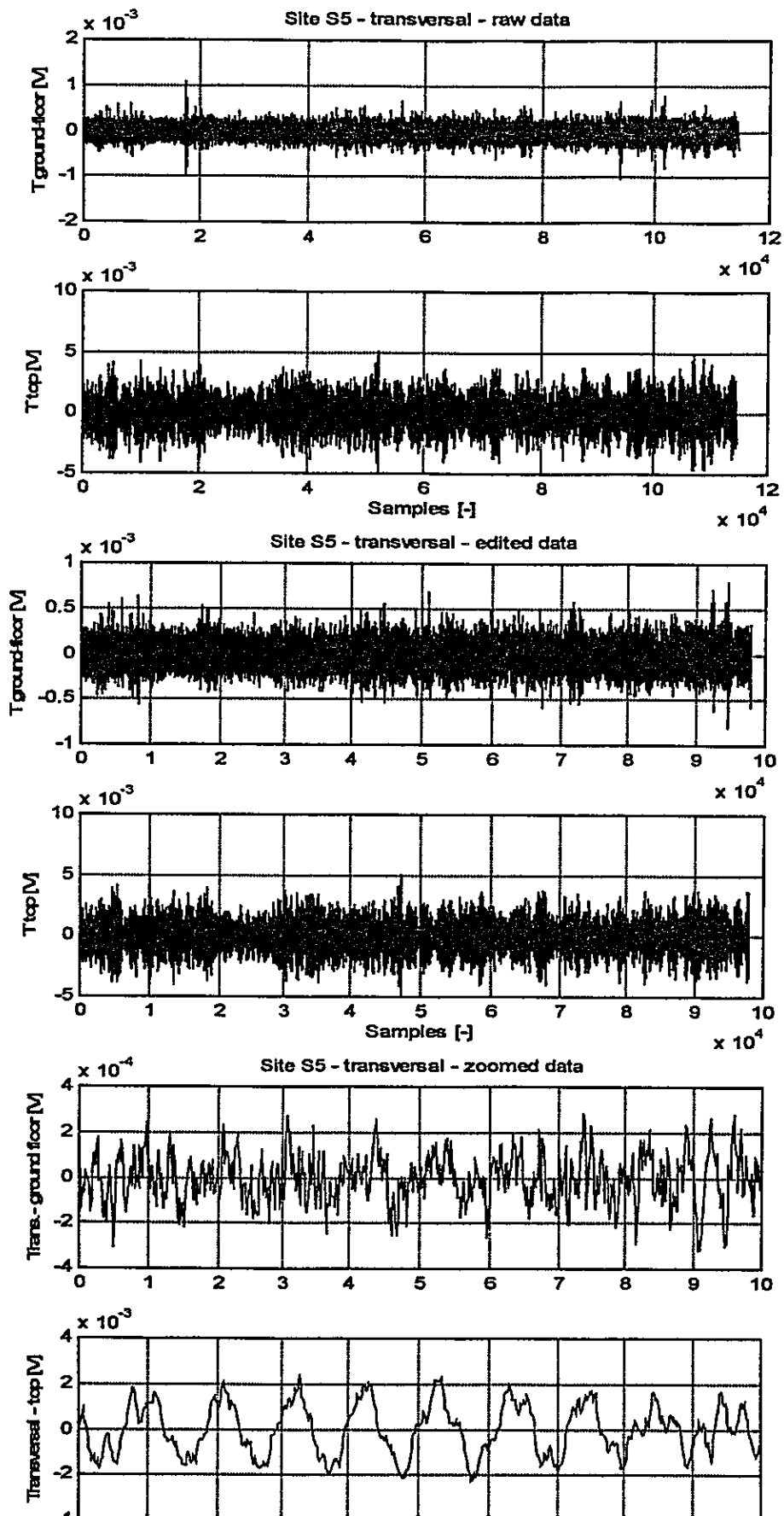Site S5 - longitudinal - zoomed data

MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s5\s5m2ch1.001
» load c:\iran00\data\site_s5\s5m2ch2.002
» p2l(s5m2ch1,s5m2ch2)

» es5m2ch1=[s5m2ch1(5000:length(s5m2ch1))];
» es5m2ch2=[s5m2ch2(5000:length(s5m2ch2))];
» p2l(es5m2ch1,es5m2ch2)

» save c:\iran00\temp\es5m2ch1.dat es5m2ch1 /ascii
» save c:\iran00\temp\es5m2ch2.dat es5m2ch2 /ascii
```

Site S5 - transversal - raw data

Site S5 - transversal - edited data

Site S5 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

```
» load c:\iran00\data\site_s5\s5m3ch1.001
» load c:\iran00\data\site_s5\s5m3ch3.003
» p2t(s5m3ch1,s5m3ch3)

» es5m3ch1=[s5m3ch1(1:16000);s5m3ch1(18000:30000);s5m3ch1(33000:93000);
s5m3ch1(95000:105000)];
» es5m3ch3=[s5m3ch3(1:16000);s5m3ch3(18000:30000);s5m3ch3(33000:93000);
s5m3ch3(95000:105000)];
» p2t(es5m3ch1,es5m3ch3)

» save c:\iran00\temp\es5m3ch1.dat es5m3ch1 /ascii
» save c:\iran00\temp\es5m3ch3.dat es5m3ch3 /ascii
```

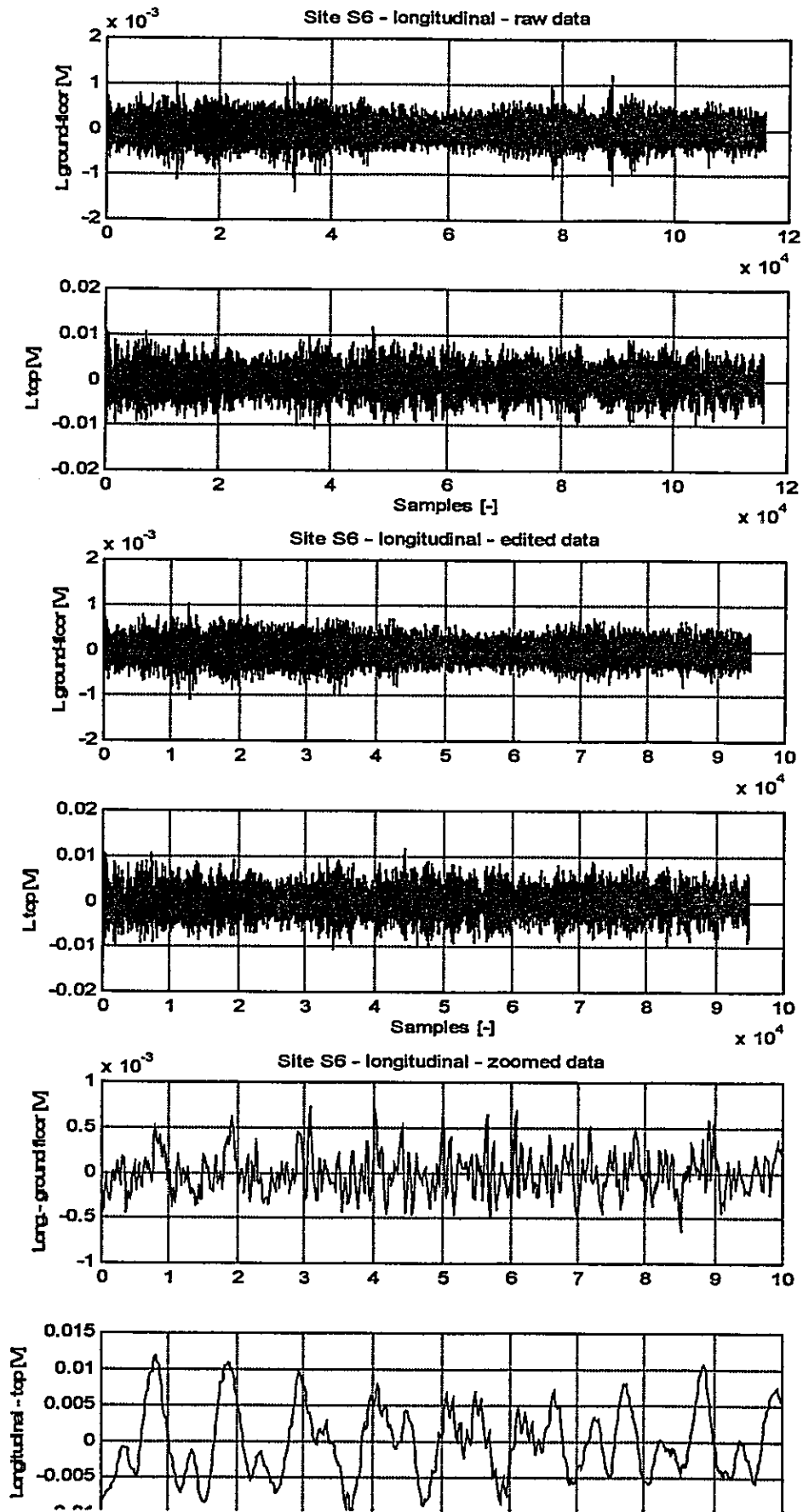## 5.2.x Site S6 - raw total, edited, and zoomed data and MatLab's editing details

Site S6 - vertical - raw data

Site S6 - vertical - edited data

Site S6 - vertical - zoomed data
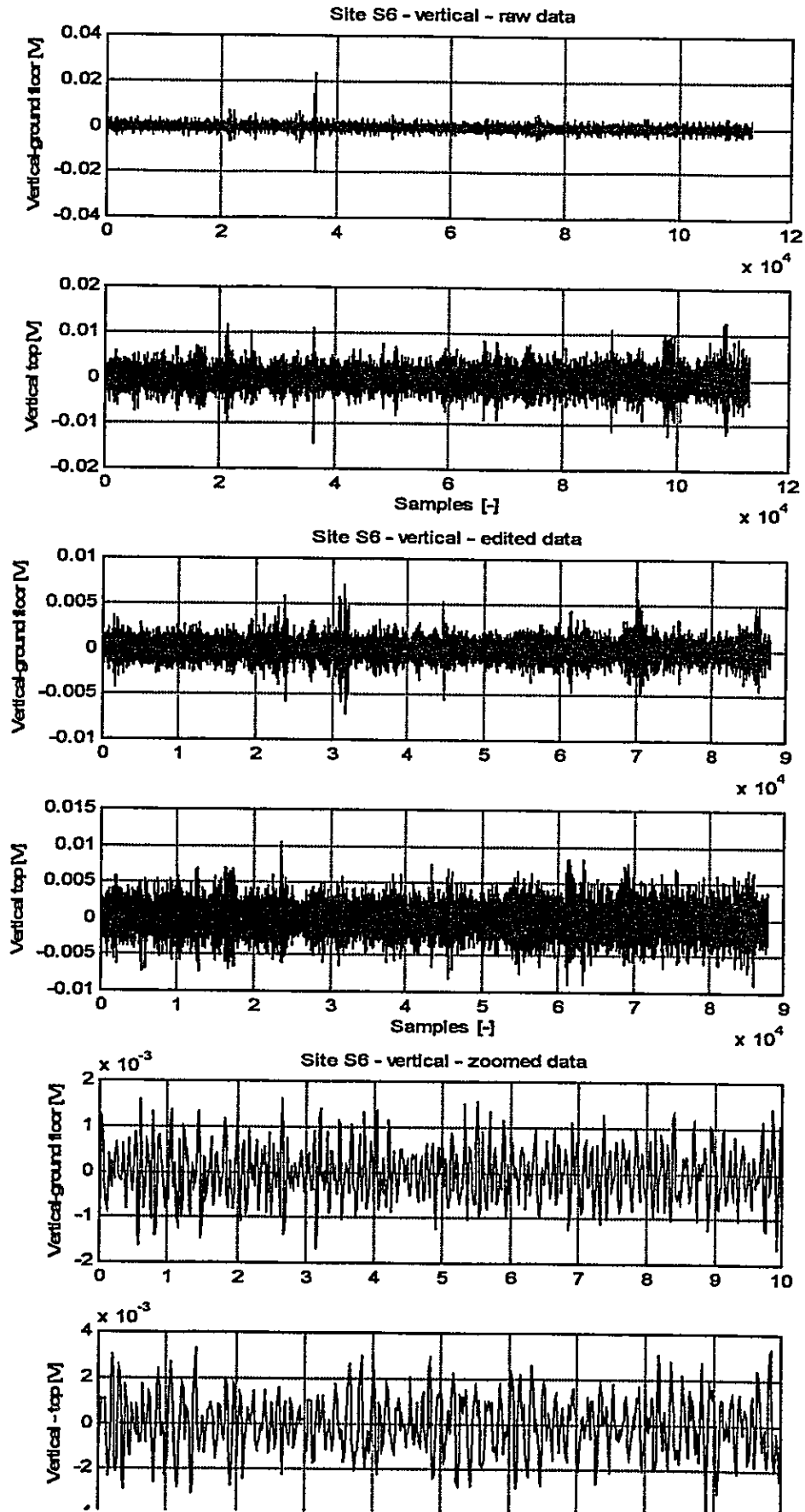
MatLab raw data editing details. Vertical data.

» mypath
» load c:\iran00\data\site_s6\s6m1ch1.001
» load c:\iran00\data\site_s6\s6m1ch2.002
» p2v(s6m1ch1,s6m1ch2)

» es6m1ch1=[s6m1ch1(1:21000);s6m1ch1(23000:35000);s6m1ch1(38000:87000);
s6m1ch1(90000:96000)];
» es6m1ch2=[s6m1ch2(1:21000);s6m1ch2(23000:35000);s6m1ch2(38000:87000);
s6m1ch2(90000:96000)];
» p2v(es6m1ch1,es6m1ch2)

» save c:\iran00\temp\es6m1ch1.dat es6m1ch1 /ascii
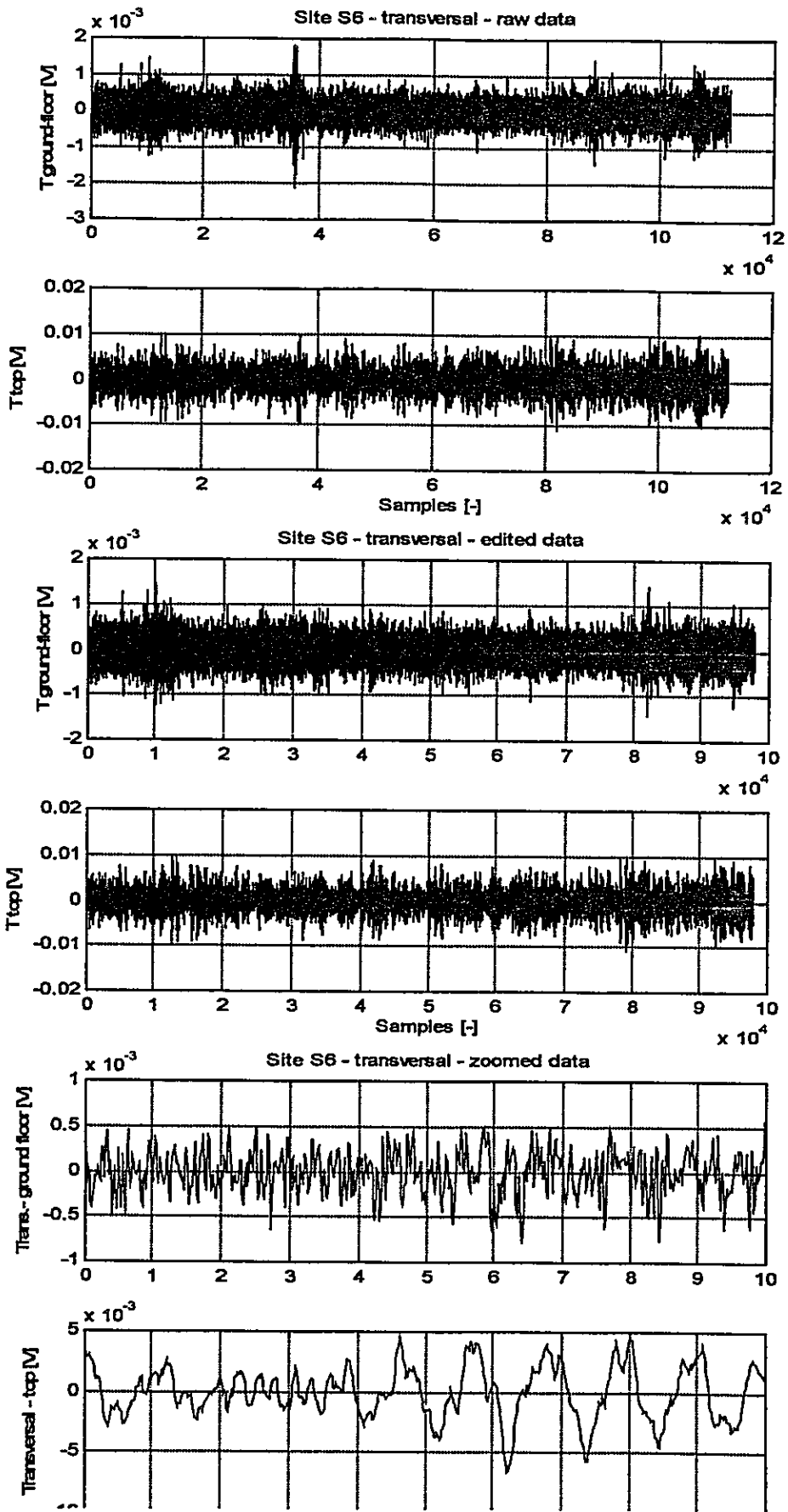» save c:\iran00\temp\es6m1ch2.dat es6m1ch2 /ascii

Site S6 – longitudinal – raw data

Site S6 – longitudinal – edited data

Site S6 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_s6\s6m2ch1.001
» load c:\iran00\data\site_s6\s6m2ch2.002
» p2l(s6m2ch1,s6m2ch2)

es6m2ch1=[s6m2ch1(1:32000);s6m2ch1(35000:75000);
s6m2ch1(93000:length(s6m2ch1))];
» es6m2ch2=[s6m2ch2(1:32000);s6m2ch2(35000:75000);
s6m2ch2(93000:length(s6m2ch2))];
» p2l(es6m2ch1,es6m2ch2)

» save c:\iran00\temp\es6m2ch1.dat es6m2ch1 /ascii
» save c:\iran00\temp\es6m2ch2.dat es6m2ch2 /ascii

Site S6 - transversal - raw data

Site S6 - transversal - edited data

Site S6 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

```
» load c:\iran00\data\site_s6\s6m3ch1.001
» load c:\iran00\data\site_s6\s6m3ch3.003
» p2t(s6m3ch1,s6m3ch3)

» es6m3ch1=[s6m3ch1(1:35000);s6m3ch1(38000:85000);s6m3ch1(88000:104000)];
» es6m3ch3=[s6m3ch3(1:35000);s6m3ch3(38000:85000);s6m3ch3(88000:104000)];
» p2t(es6m3ch1,es6m3ch3)

» save c:\iran00\temp\es6m3ch1.dat es6m3ch1 /ascii
» save c:\iran00\temp\es6m3ch3.dat es6m3ch3 /ascii
```

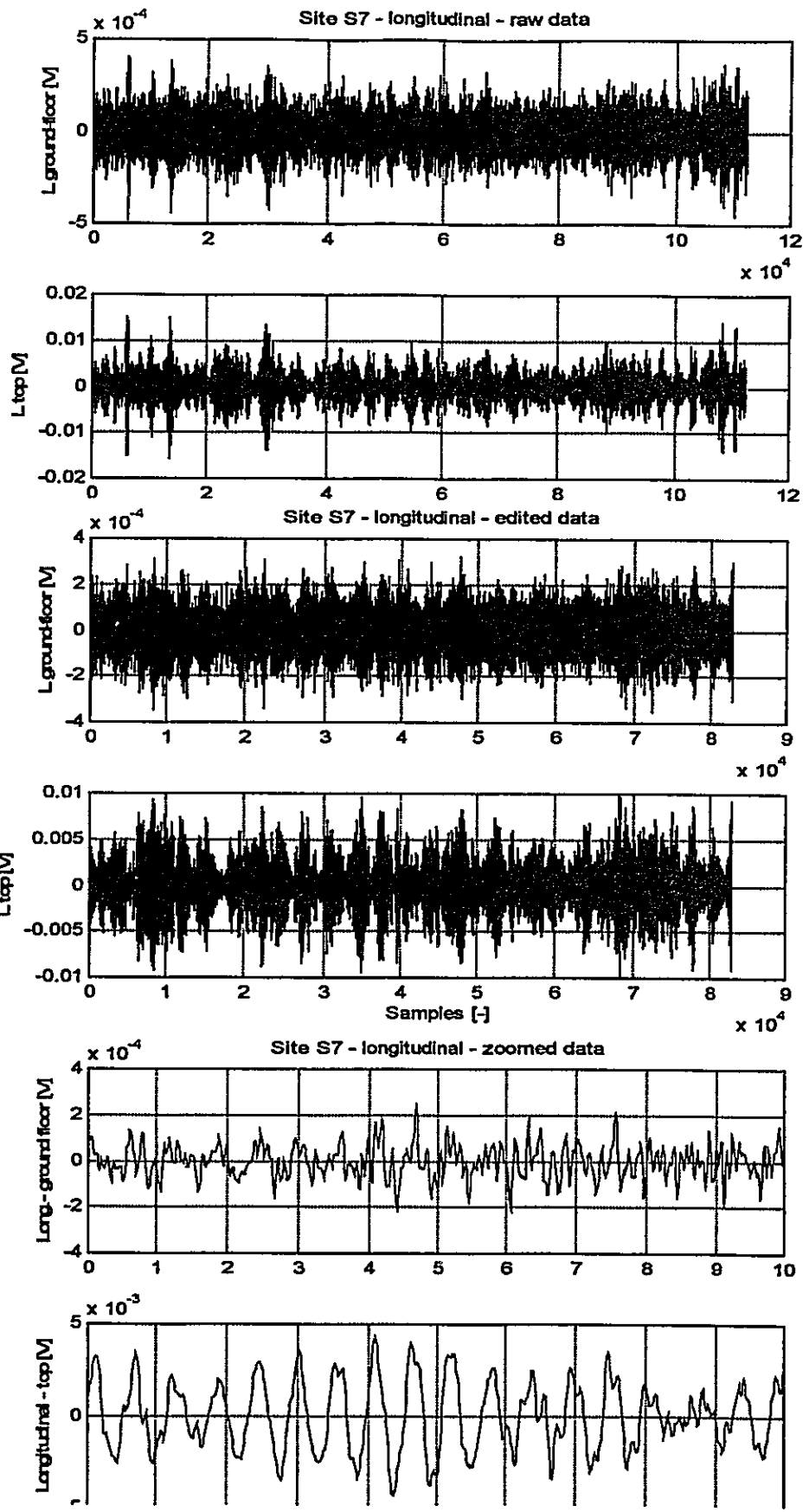## 5.2.x Site S7 - raw total, edited, and zoomed data and MatLab's editing details

Site S7 - vertical - raw data

Site S7 - vertical - edited data

Site S7 - vertical - zoomed data
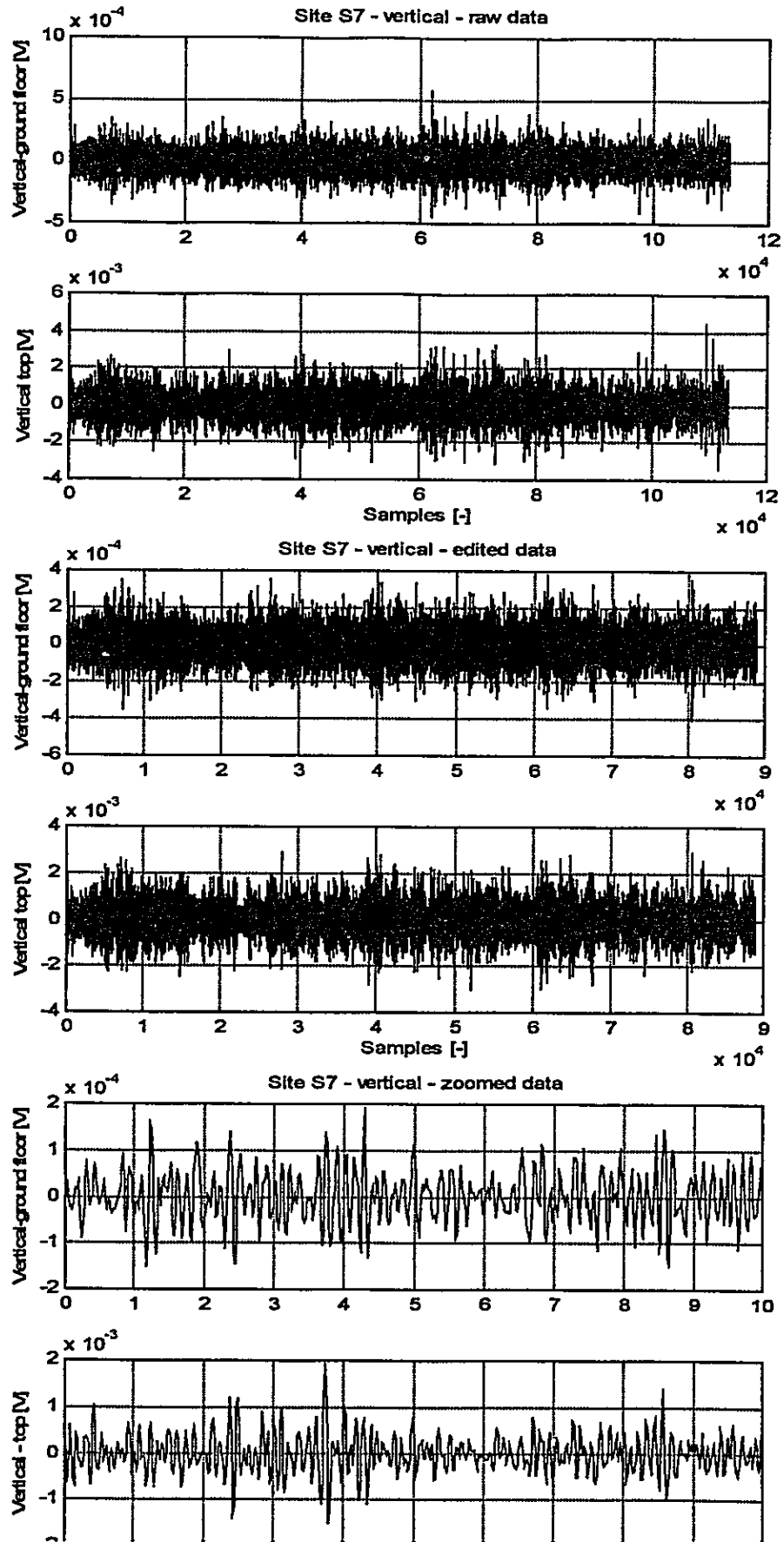
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_s7\s7m1ch1.001
» load c:\iran00\data\site_s7\s7m1ch2.002
» p2v(s7m1ch1,s7m1ch2)

» es7m1ch1=[s7m1ch1(1:60000);s7m1ch1(77000:106000)];
» es7m1ch2=[s7m1ch2(1:60000);s7m1ch2(77000:106000)];
» p2v(es7m1ch1,es7m1ch2)

» save c:\iran00\temp\es7m1ch1.dat es7m1ch1 /ascii
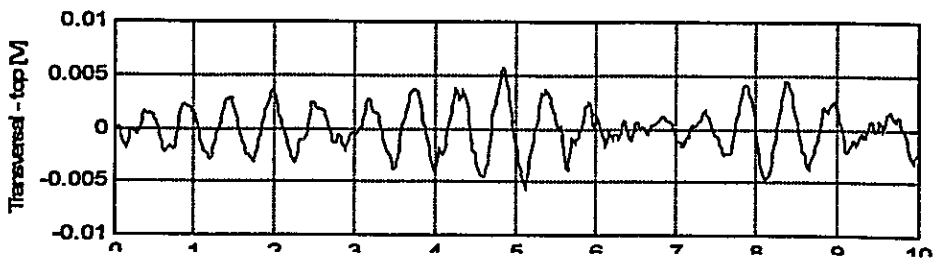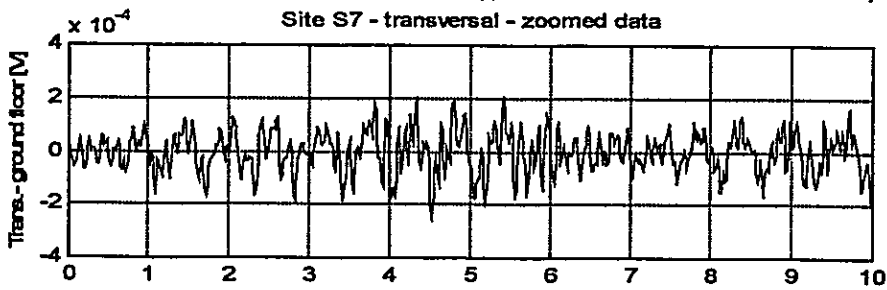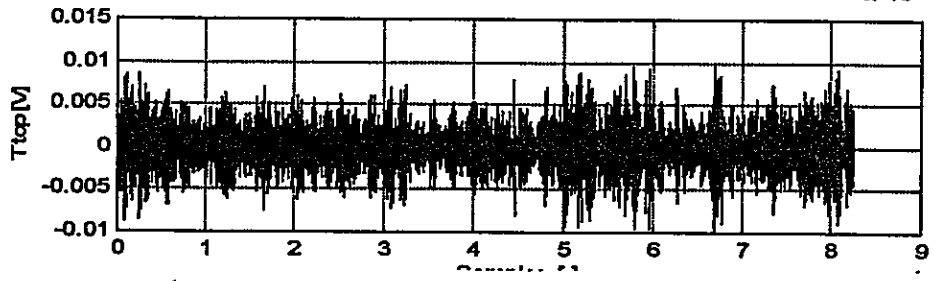» save c:\iran00\temp\es7m1ch2.dat es7m1ch2 /ascii

Site S7 - longitudinal - raw data

Site S7 - longitudinal - edited data

Samples [-]
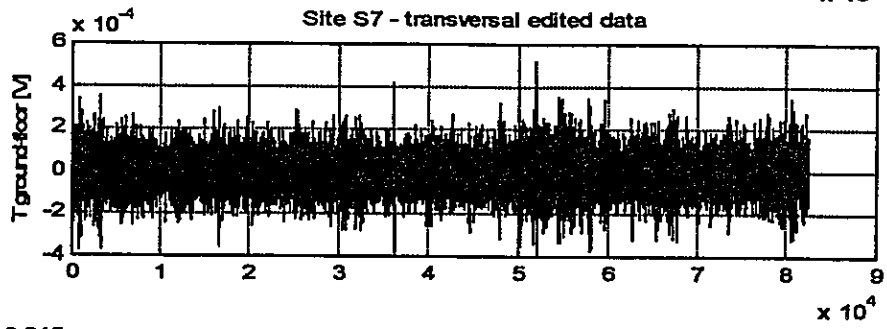
Site S7 - longitudinal - zoomed data

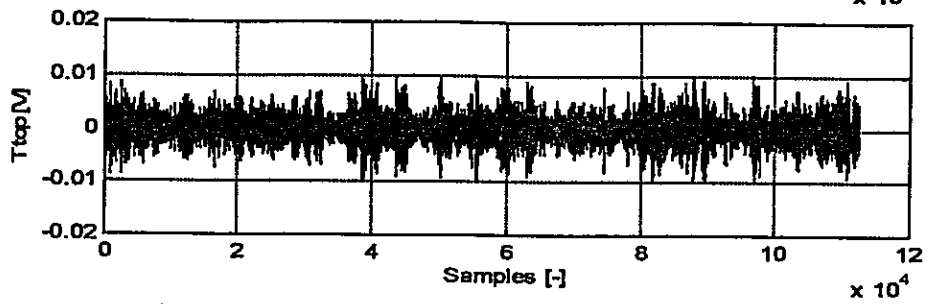**MatLab raw data editing details. Longitudinal data.**

```
» load c:\iran00\data\site_s7\s7m2ch1.001
» load c:\iran00\data\site_s7\s7m2ch2.002
» p2l(s7m2ch1,s7m2ch2)

» es7m2ch1=[s7m2ch1(15000:27000);s7m2ch1(32000:103000)];
» es7m2ch2=[s7m2ch2(15000:27000);s7m2ch2(32000:103000)];
» p2l(es7m2ch1,es7m2ch2)

» save c:\iran00\temp\es7m2ch1.dat es7m2ch1 /ascii
» save c:\iran00\temp\es7m2ch2.dat es7m2ch2 /ascii
```

Site S7 - transversal raw data

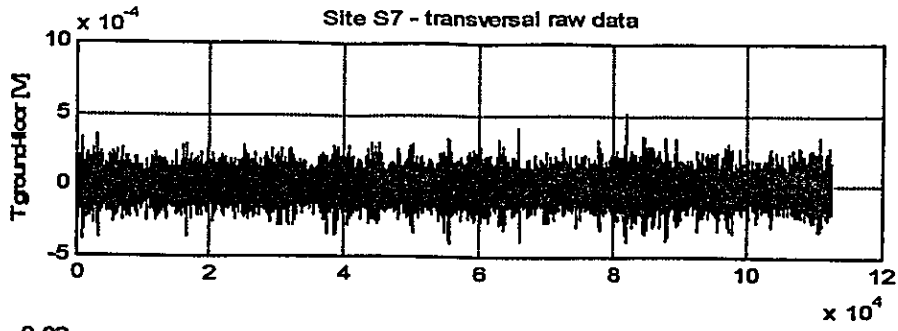Site S7 - transversal edited data

Site S7 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_s7\s7m3ch1.001
» load c:\iran00\data\site_s7\s7m3ch3.003
» p2t(s7m3ch1,s7m3ch3)

» es7m3ch1=[s7m3ch1(1:35000);s7m3ch1(65000:length(s7m3ch1))];
» es7m3ch3=[s7m3ch3(1:35000);s7m3ch3(65000:length(s7m3ch3))];
» p2t(es7m3ch1,es7m3ch3)

» save c:\iran00\temp\es7m3ch1.dat es7m3ch1 /ascii
» save c:\iran00\temp\es7m3ch3.dat es7m3ch3 /ascii

5.2.x Site S11 - raw total, edited, and zoomed data and MatLab's editing details

Site S11 - vertical - raw data

Site S11 - vertical - edited data
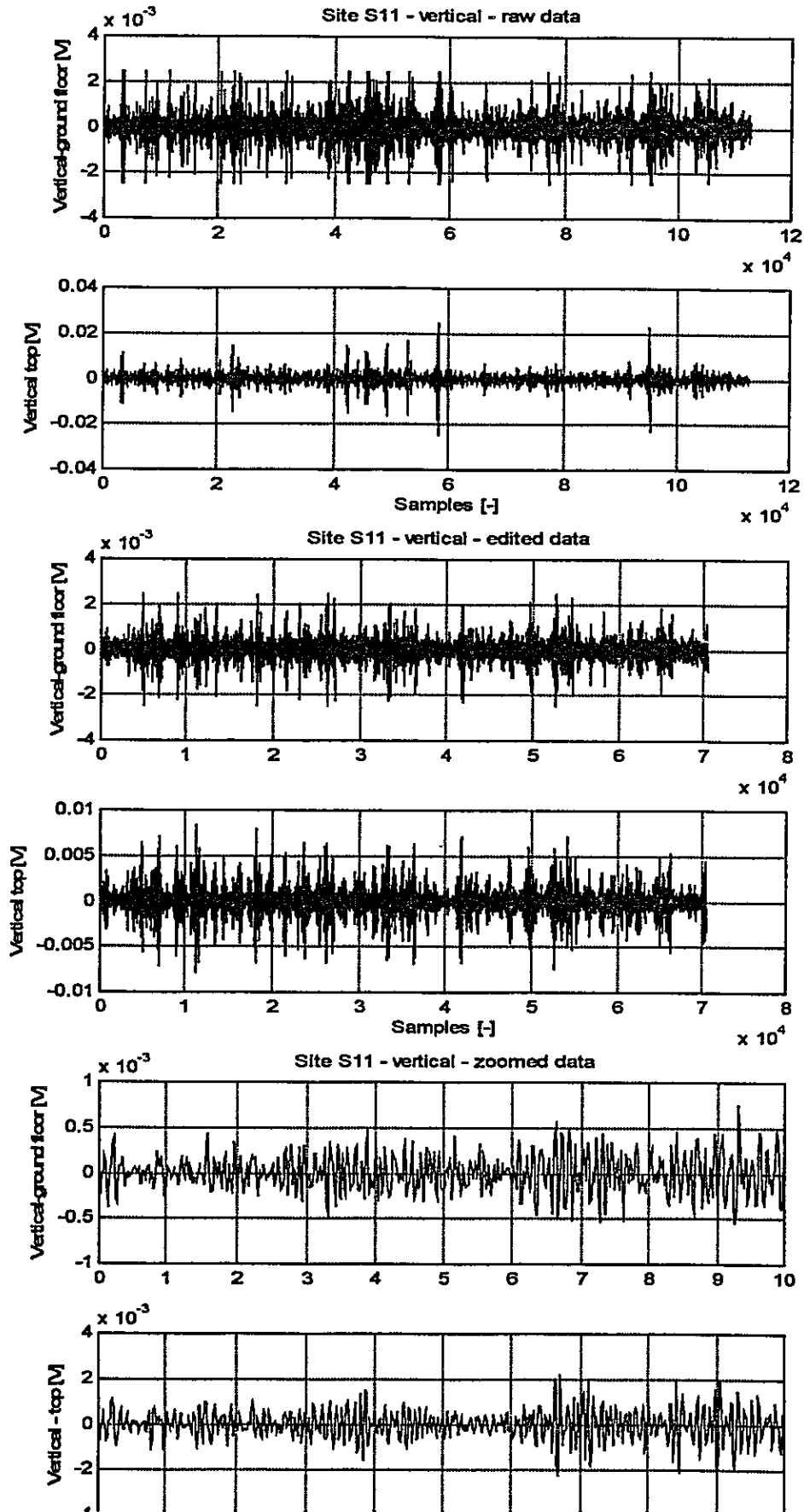
Site S11 - vertical - zoomed data

MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_s11\s11m1ch1.001
» load c:\iran00\data\site_s11\s11m1ch2.002
» p2v(s11m1ch1,s11m1ch2)
» es11m1ch1=[s11m1ch1(1:2500);s11m1ch1(5000:22000);s11m1ch1(25000:42000);
s11m1ch1(61000:90000);s11m1ch1(98000:103000)];
» es11m1ch2=[s11m1ch2(1:2500);s11m1ch2(5000:22000);s11m1ch2(25000:42000);
s11m1ch2(61000:90000);s11m1ch2(98000:103000)];
» p2v(es11m1ch1,es11m1ch2)

» save c:\iran00\temp\es11m1ch1.dat es11m1ch1 /ascii
» save c:\iran00\temp\es11m1ch2.dat es11m1ch2 /ascii
```
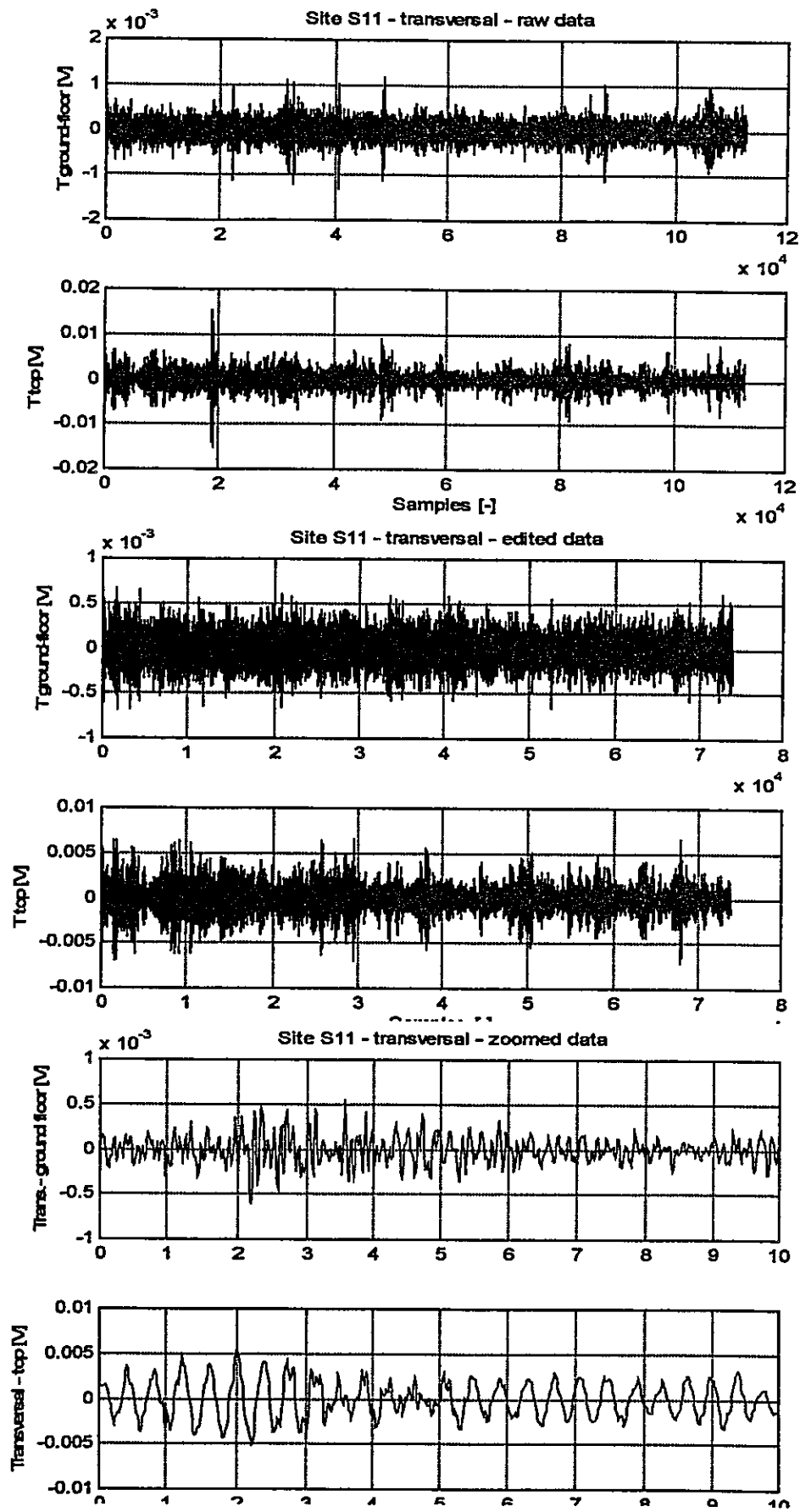
Site S11 - longitudinal - raw data

Site S11 - longitudinal - edited data

Site S11 - longitudinal - zoomed data
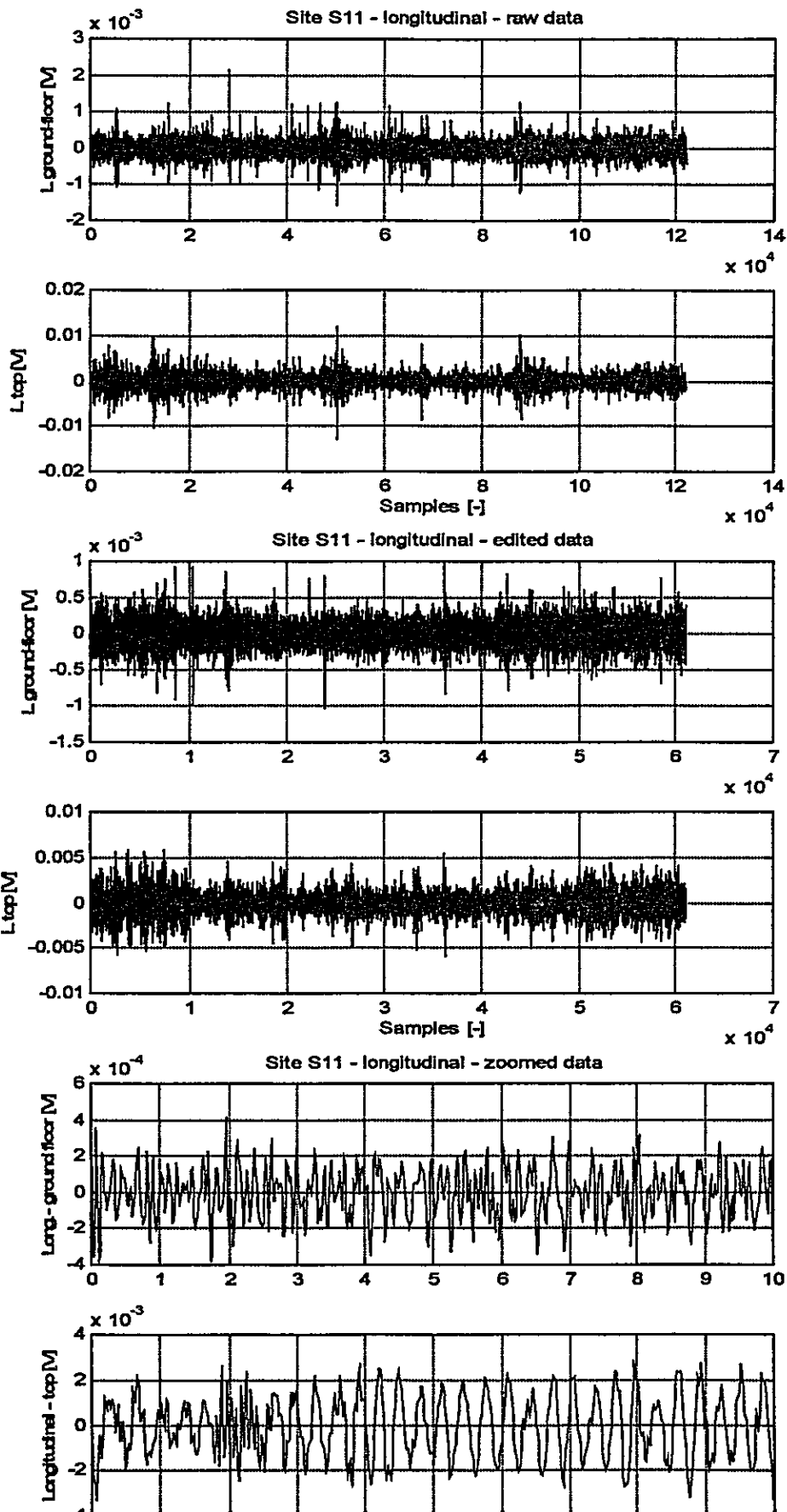
MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s11\s11m2ch1.001
» load c:\iran00\data\site_s11\s11m2ch2.002
» p2l(s11m2ch1,s11m2ch2)

» es11m2ch1=[s11m2ch1(16000:26000);s11m2ch1(28000:40000);
s11m2ch1(70000:86000);s11m2ch1(97000:length(s11m2ch1))];
» es11m2ch2=[s11m2ch2(16000:26000);s11m2ch2(28000:40000);
s11m2ch2(70000:86000);s11m2ch2(97000:length(s11m2ch2))];
» p2l(es11m2ch1,es11m2ch2)

» es11m2ch1=[s11m2ch1(16000:25000);s11m2ch1(29000:40000);
s11m2ch1(70000:86000);s11m2ch1(97000:length(s11m2ch1))];
» es11m2ch2=[s11m2ch2(16000:25000);s11m2ch2(29000:40000);
s11m2ch2(70000:86000);s11m2ch2(97000:length(s11m2ch2))];
» p2l(es11m2ch1,es11m2ch2)

» save c:\iran00\temp\es11m2ch1.dat es11m2ch1 /ascii
» save c:\iran00\temp\es11m2ch2.dat es11m2ch2 /ascii
```

Site S11 - transversal - raw data

Site S11 - transversal - edited data

Site S11 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_s11\s11m3ch1.001
» load c:\iran00\data\site_s11\s11m3ch3.003
» p2t(s11m3ch1,s11m3ch3)

» es11m3ch1=[s11m3ch1(1:18000);s11m3ch1(35000:40000);s11m3ch1(41000:47000);
s11m3ch1(50000:80000);s11m3ch1(90000:105000)];
» es11m3ch3=[s11m3ch3(1:18000);s11m3ch3(35000:40000);s11m3ch3(41000:47000);
s11m3ch3(50000:80000);s11m3ch3(90000:105000)];
» p2t(es11m3ch1,es11m3ch3)

» save c:\iran00\temp\es11m3ch1.dat es11m3ch1 /ascii
» save c:\iran00\temp\es11m3ch3.dat es11m3ch3 /ascii

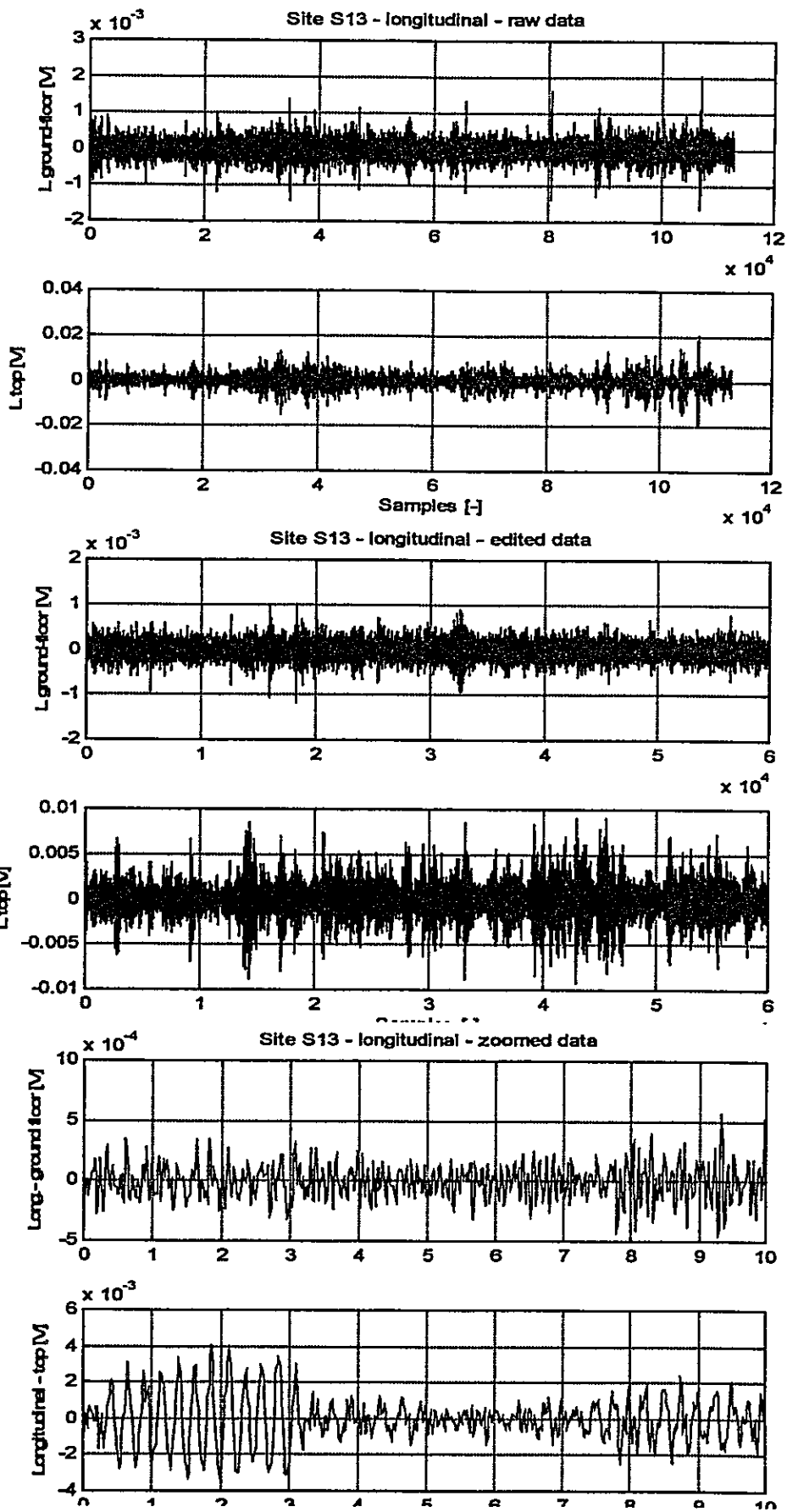## 5.2.x Site S13 - raw total, edited, and zoomed data and MatLab's editing details

Site S13 - vertical - raw data

Site S13 - vertical - edited data

Site S13 - vertical - zoomed data
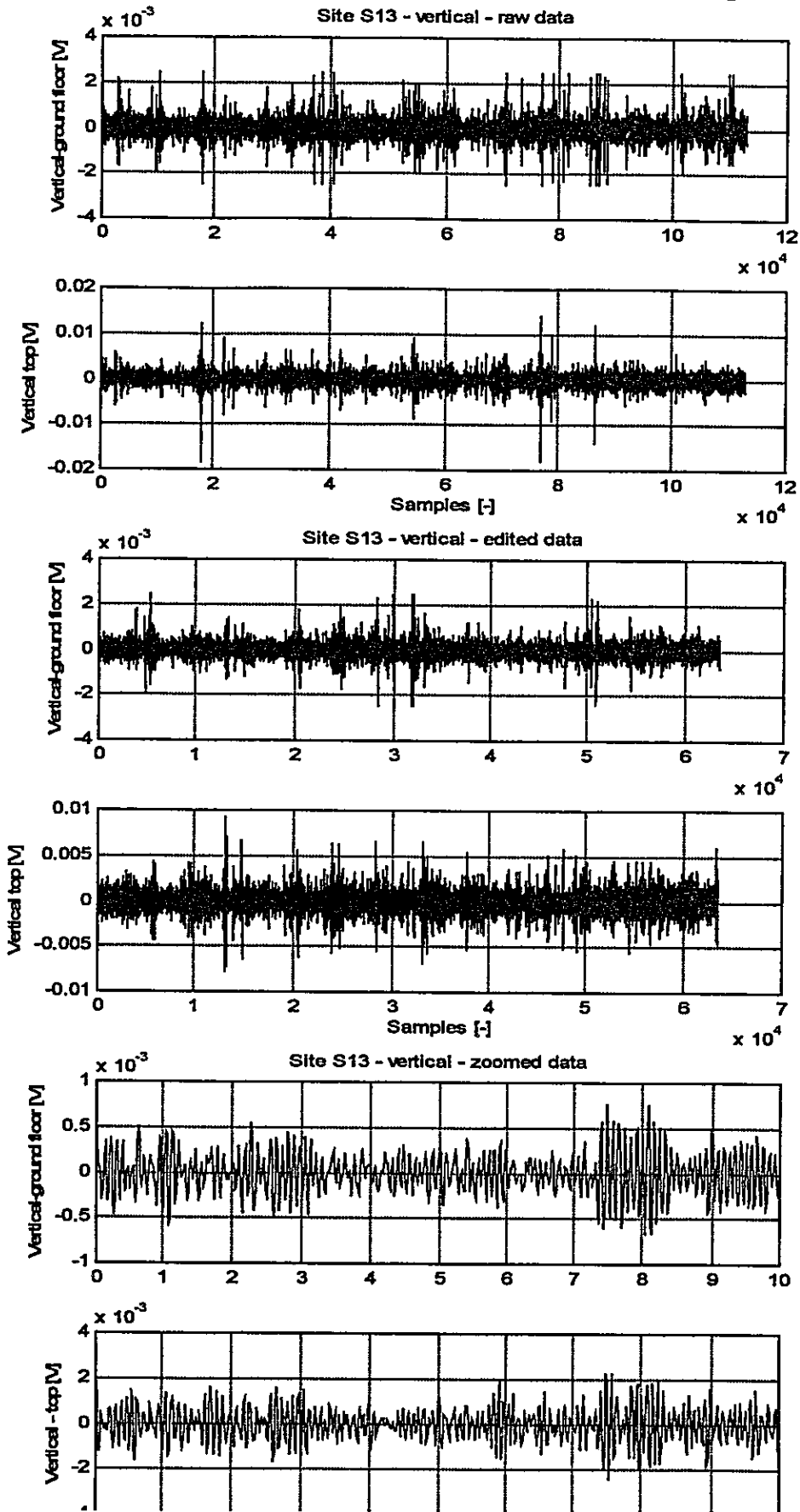
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_s13\s13m1ch1.001
» load c:\iran00\data\site_s13\s13m1ch2.002
» p2v(s13m1ch1,s13m1ch2)

» es13m1ch1=[s13m1ch1(5000:15000);s13m1ch1(18000:52000);
s13m1ch1(63000:70000);s13m1ch1(88000:101000)];
» es13m1ch2=[s13m1ch2(5000:15000);s13m1ch2(18000:52000);
s13m1ch2(63000:70000);s13m1ch2(88000:101000)];
» p2v(es13m1ch1,es13m1ch2)

es13m1ch1=[s13m1ch1(5000:14500);s13m1ch1(18100:52000);
s13m1ch1(63000:70000);s13m1ch1(88000:101000)];
» es13m1ch2=[s13m1ch2(5000:14500);s13m1ch2(18100:52000);
s13m1ch2(63000:70000);s13m1ch2(88000:101000)];
» p2v(es13m1ch1,es13m1ch2)

» save c:\iran00\temp\es13m1ch1.dat es13m1ch1 /ascii
» save c:\iran00\temp\es13m1ch2.dat es13m1ch2 /ascii

Site S13 - longitudinal - raw data

Site S13 - longitudinal - edited data

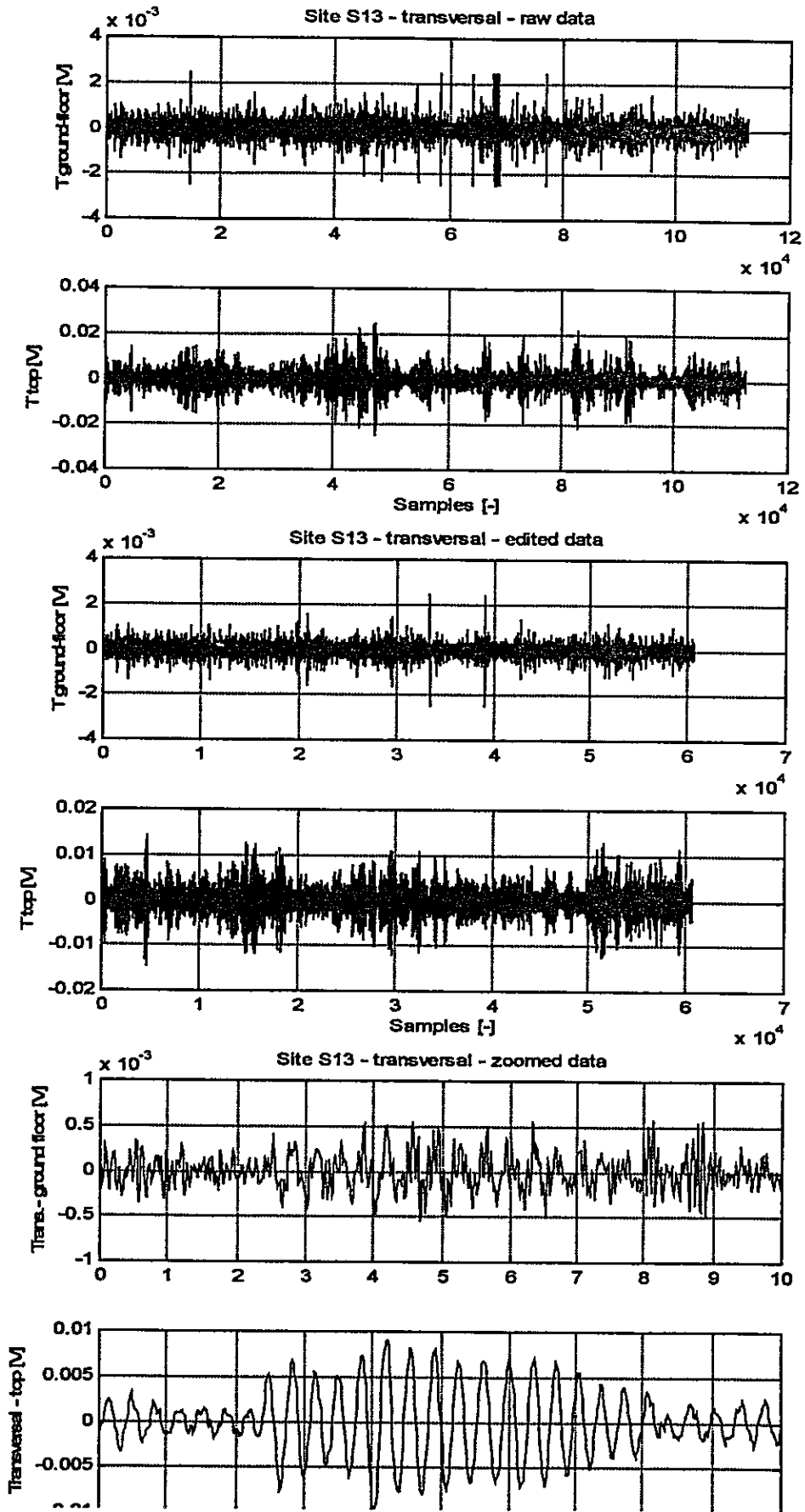Site S13 - longitudinal - zoomed data

MatLab raw data editing details. Longitudinal data.

```
» load c:\iran00\data\site_s13\s13m2ch1.001
» load c:\iran00\data\site_s13\s13m2ch2.002
» p2l(s13m2ch1,s13m2ch2)

es13m2ch1=[s13m2ch1(4000:28000);s13m2ch1(47000:62000);
s13m2ch1(66000:80000);s13m2ch1(81000:88000)];
» es13m2ch2=[s13m2ch2(4000:28000);s13m2ch2(47000:62000);
s13m2ch2(66000:80000);s13m2ch2(81000:88000)];
» p2l(es13m2ch1,es13m2ch2)

» save c:\iran00\temp\es13m2ch1.dat es13m2ch1 /ascii
» save c:\iran00\temp\es13m2ch2.dat es13m2ch2 /ascii
```

Site S13 – transversal – raw data

Site S13 – transversal – edited data

Site S13 – transversal – zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_s13\s13m3ch1.001
» load c:\iran00\data\site_s13\s13m3ch3.003
» p2t(s13m3ch1,s13m3ch3)
» es13m3ch1=[s13m3ch1(1:13000);s13m3ch1(18000:38000);s13m3ch1(58000:65000);
s13m3ch1(78000:82000);s13m3ch1(96000:length(s13m3ch1))];
» es13m3ch2=[s13m3ch2(1:13000);s13m3ch2(18000:38000);s13m3ch2(58000:65000);
es13m3ch3=[s13m3ch3(1:13000);s13m3ch3(18000:38000);s13m3ch3(58000:65000);
s13m3ch3(78000:82000);s13m3ch3(96000:length(s13m3ch3))];
» p2t(es13m3ch1,es13m3ch3)

» save c:\iran00\temp\es13m3ch1.dat es13m3ch1 /ascii
» save c:\iran00\temp\es13m3ch3.dat es13m3ch3 /ascii

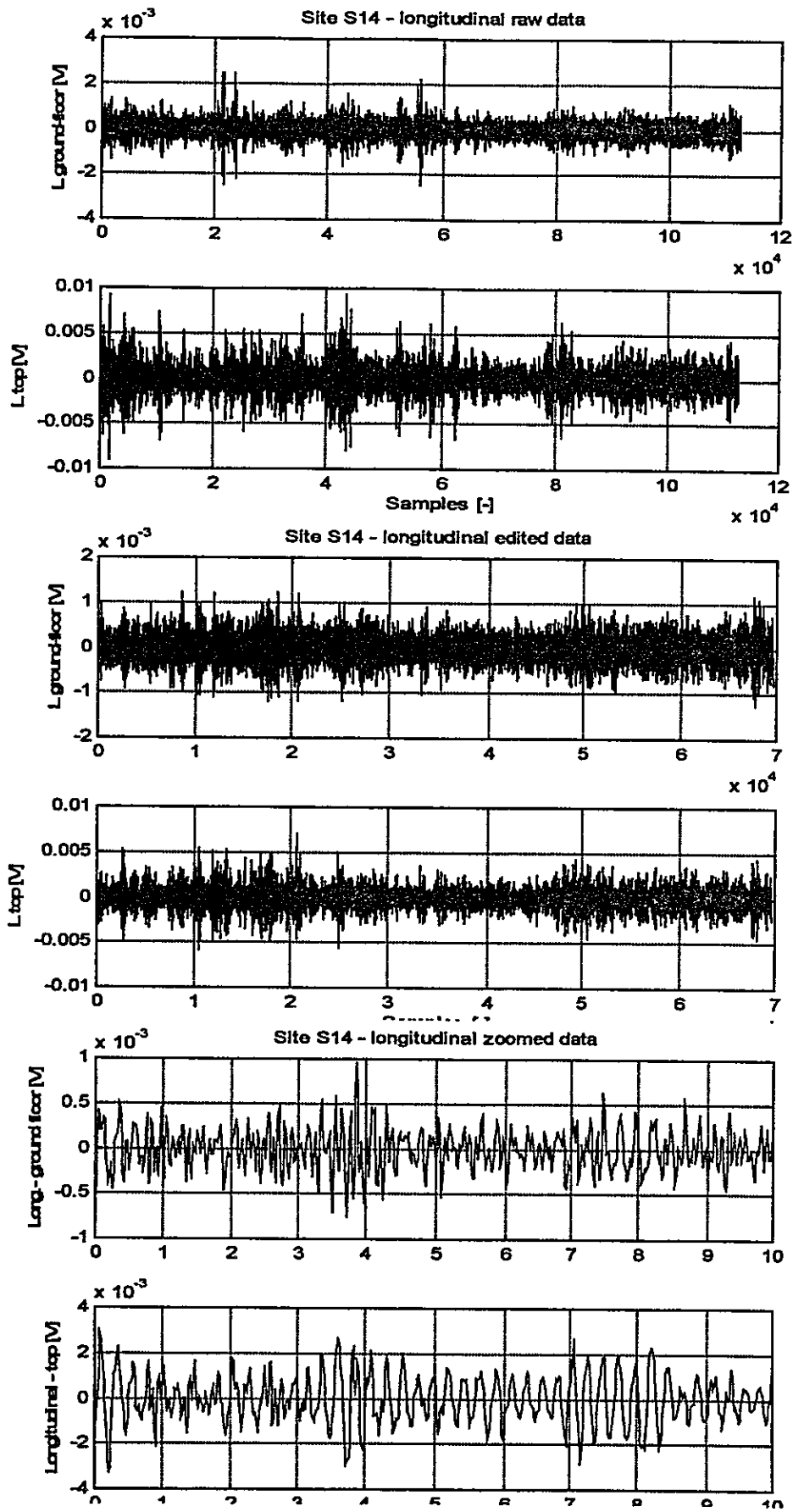## 5.2.x Site S14 - raw total, edited, and zoomed data and MatLab's editing details

Site S14 - vertical raw data

Site S14 - vertical edited data

Site S14 - vertical zoomed data
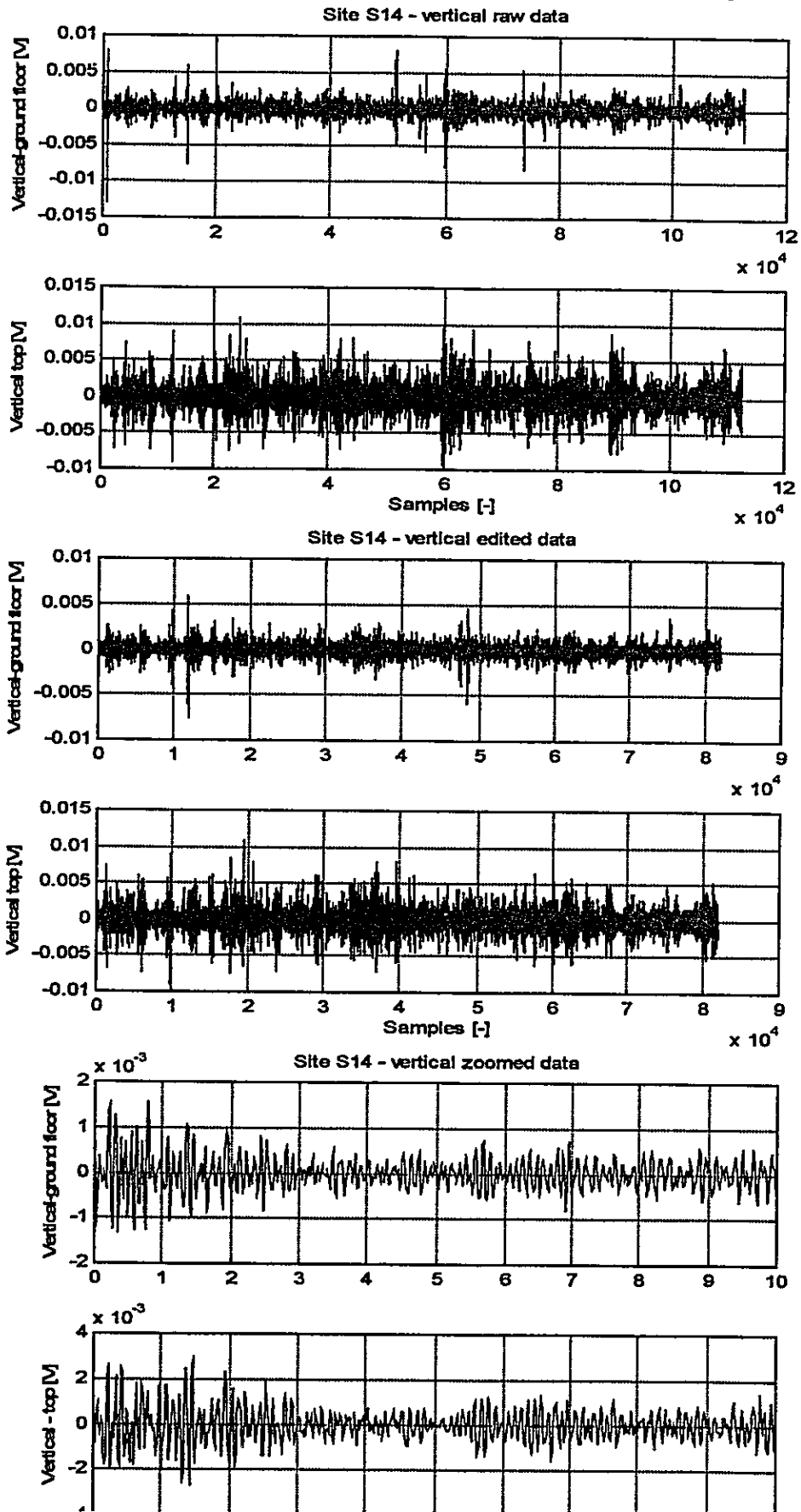
MatLab raw data editing details. Vertical data.

» mypath
» load c:\iran00\data\site_s14\s14m1ch1.001
» load c:\iran00\data\site_s14\s14m1ch2.002
» p2v(s14m1ch1,s14m1ch2)

» es14m1ch1=[s14m1ch1(3000:15000);s14m1ch1(17000:50000);s14m1ch1(53000:59000);
s14m1ch1(68000:73000);s14m1ch1(78000:89000);s14m1ch1(93000:108000)];
» es14m1ch2=[s14m1ch2(3000:15000);s14m1ch2(17000:50000);s14m1ch2(53000:59000);
s14m1ch2(68000:73000);s14m1ch2(78000:89000);s14m1ch2(93000:108000)];
» p2v(es14m1ch1,es14m1ch2)

» save c:\iran00\temp\es14m1ch1.dat es14m1ch1 /ascii
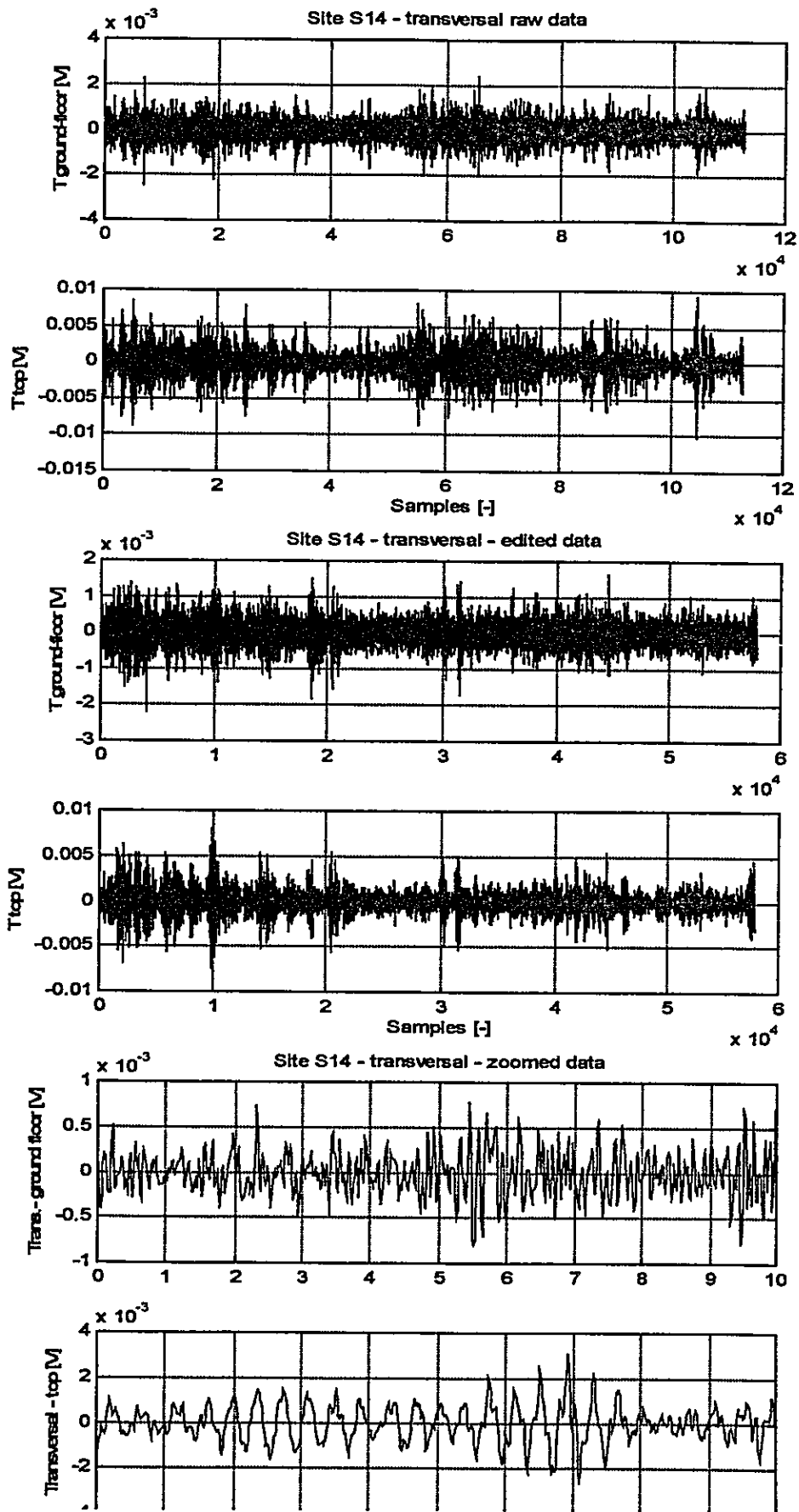» save c:\iran00\temp\es14m1ch2.dat es14m1ch2 /ascii

Site S14 – longitudinal raw data

Site S14 – longitudinal edited data

Site S14 – longitudinal zoomed data

MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_s14\s14m2ch1.001
» load c:\iran00\data\site_s14\s14m2ch2.002
» p2l(s14m2ch1,s14m2ch2)

» es14m2ch1=[s14m2ch1(12000:21000);s14m2ch1(23000:40000);s14m2ch1(45000:51000);
s14m2ch1(63000:78000);s14m2ch1(89000:length(s14m2ch1))];
» es14m2ch2=[s14m2ch2(12000:21000);s14m2ch2(23000:40000);s14m2ch2(45000:51000);
s14m2ch2(63000:78000);s14m2ch2(89000:length(s14m2ch2))];
» p2l(es14m2ch1,es14m2ch2)
es14m2ch1=[s14m2ch1(12000:21000);s14m2ch1(24000:40000);s14m2ch1(45000:51000);
s14m2ch1(63000:78000);s14m2ch1(89000:length(s14m2ch1))];
es14m2ch2=[s14m2ch2(12000:21000);s14m2ch2(24000:40000);s14m2ch2(45000:51000);
s14m2ch2(63000:78000);s14m2ch2(89000:length(s14m2ch2))];
» p2l(es14m2ch1,es14m2ch2)

» save c:\iran00\temp\es14m2ch1.dat es14m2ch1 /ascii
» save c:\iran00\temp\es14m2ch2.dat es14m2ch2 /ascii

Site S14 – transversal raw data

Site S14 – transversal – edited data

Site S14 – transversal – zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_s14\s14m3ch1.001
» load c:\iran00\data\site_s14\s14m3ch3.003
» p2t(s14m3ch1,s14m3ch3)
» es14m3ch1=[s14m3ch1(15000:50000);s14m3ch1(77000:83000);
s14m3ch1(92000:104000);s14m3ch1(108000:length(s14m3ch1))];
» es14m3ch3=[s14m3ch3(15000:50000);s14m3ch3(77000:83000);
s14m3ch3(92000:104000);s14m3ch3(108000:length(s14m3ch3))];
» p2t(es14m3ch1,es14m3ch3)

» save c:\iran00\temp\es14m3ch1.dat es14m3ch1 /ascii
» save c:\iran00\temp\es14m3ch3.dat es14m3ch3 /ascii

5.2.x Site M1 - raw total, edited, and zoomed data and MatLab's editing details

Site M1 - vertical - raw data

Site M1 - vertical - edited data
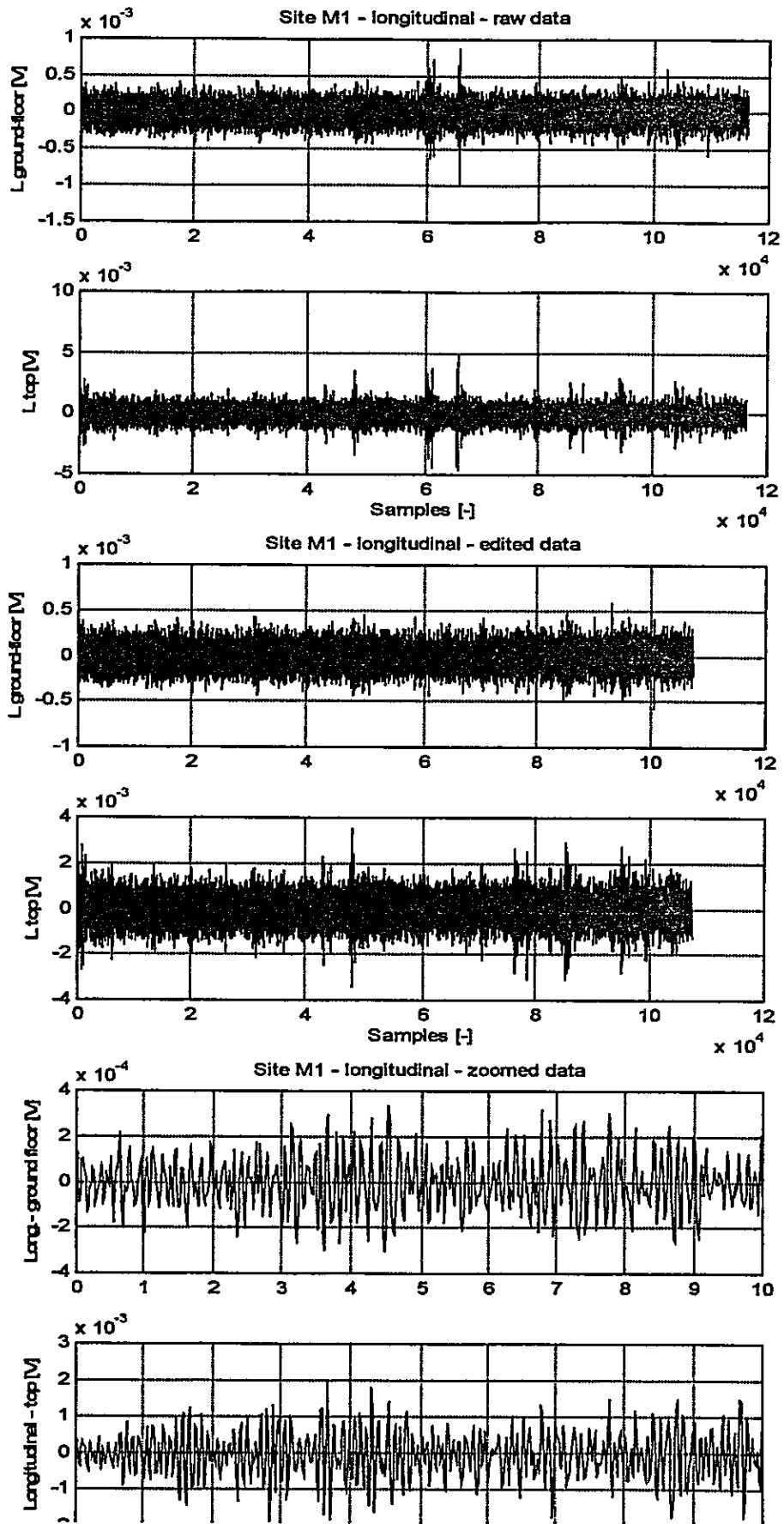

Site M1 - vertical - zoomed data
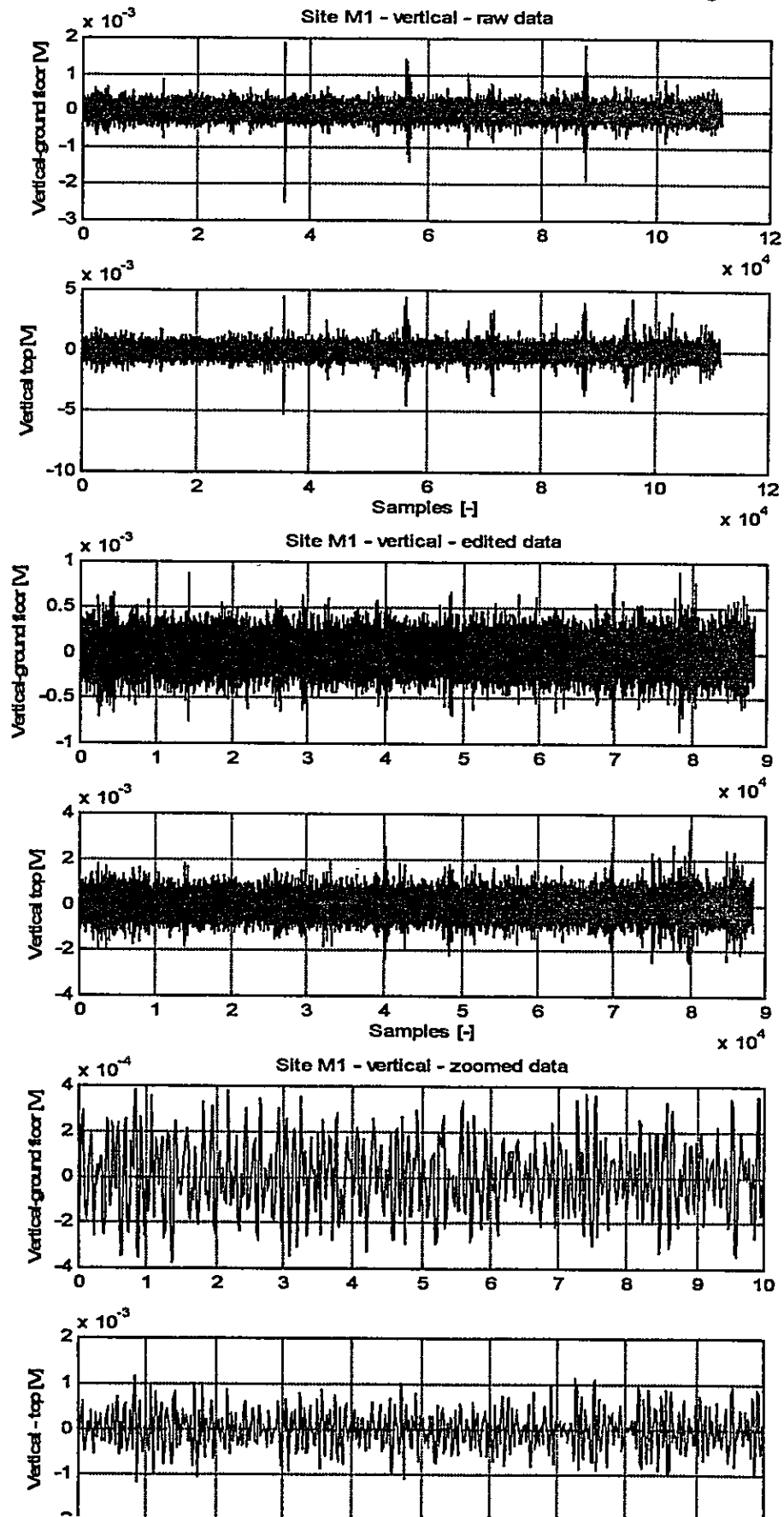
MatLab raw data editing details. Vertical data.

```
» load c:\iran00\data\site_m1\m1m1ch1.001
» load c:\iran00\data\site_m1\m1m1ch2.002
» p2v(m1m1ch1,m1m1ch2)

» em1m1ch1=[m1m1ch1(1:35000);m1m1ch1(38000:55000);m1m1ch1(58000:65000);
m1m1ch1(72000:87000);m1m1ch1(97000:length(m1m1ch1))];
» em1m1ch2=[m1m1ch2(1:35000);m1m1ch2(38000:55000);m1m1ch2(58000:65000);
m1m1ch2(72000:87000);m1m1ch2(97000:length(m1m1ch2))];
» p2v(em1m1ch1,em1m1ch2)

» save c:\iran00\temp\em1m1ch1.dat em1m1ch1 /ascii
» save c:\iran00\temp\em1m1ch2.dat em1m1ch2 /ascii
```
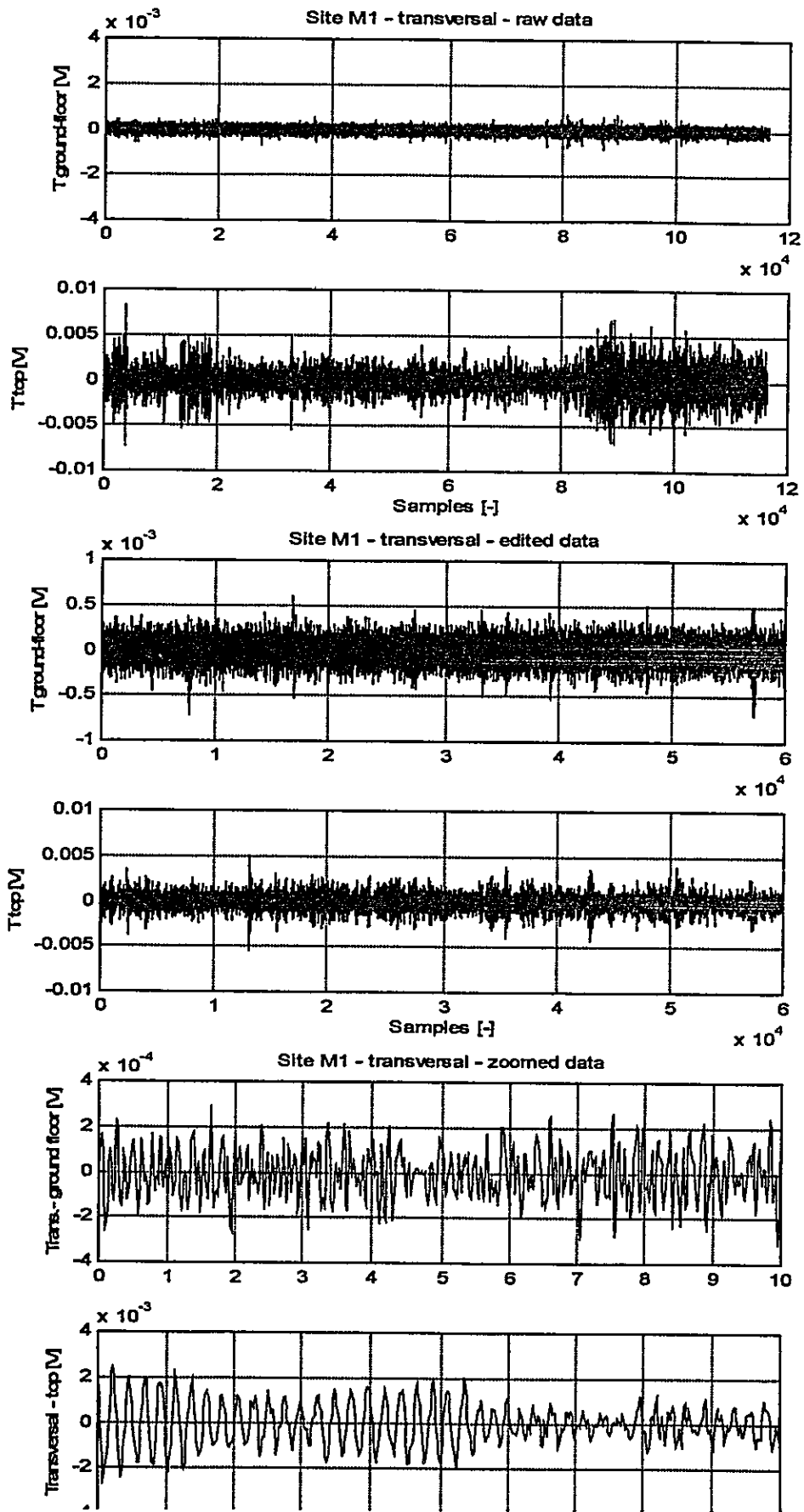
Site M1 - longitudinal - raw data

Site M1 - longitudinal - edited data

Site M1 - longitudinal - zoomed data

MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_m1\m1m2ch1.001
» load c:\iran00\data\site_m1\m1m2ch2.002
» p2l(m1m2ch1,m1m2ch2)

» em1m2ch1=[m1m2ch1(1:59000);m1m2ch1(68000:length(m1m2ch1))];
» em1m2ch2=[m1m2ch2(1:59000);m1m2ch2(68000:length(m1m2ch2))];
» p2l(em1m2ch1,em1m2ch2)

» save c:\iran00\temp\em1m2ch1.dat em1m2ch1 /ascii
» save c:\iran00\temp\em1m2ch2.dat em1m2ch2 /ascii

Site M1 – transversal – raw data

Site M1 – transversal – edited data

Site M1 – transversal – zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_m1\m1m3ch1.001
» load c:\iran00\data\site_m1\m1m3ch3.003
» p2t(m1m3ch1,m1m3ch3)

» em1m3ch1=[m1m3ch1(20000:80000)];
» em1m3ch3=[m1m3ch3(20000:80000)];
» p2t(em1m3ch1,em1m3ch3)

» save c:\iran00\temp\em1m3ch1.dat em1m3ch1 /ascii
» save c:\iran00\temp\em1m3ch3.dat em1m3ch3 /ascii

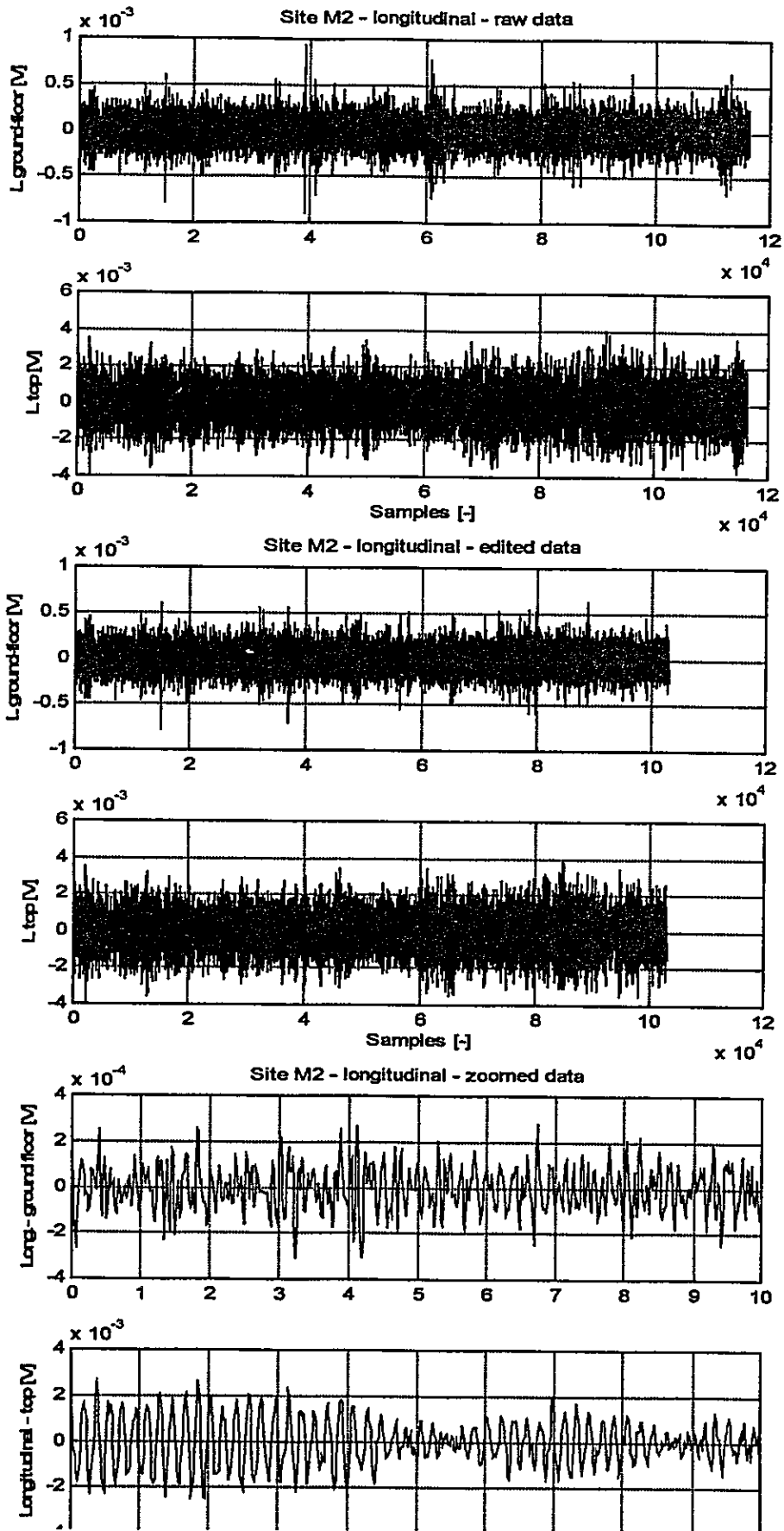## 5.2.x Site M2 - raw total, edited, and zoomed data and MatLab's editing details

Site M2 - vertical - raw data

Site M2 - vertical - edited data

Site M2 - vertical - zoomed data
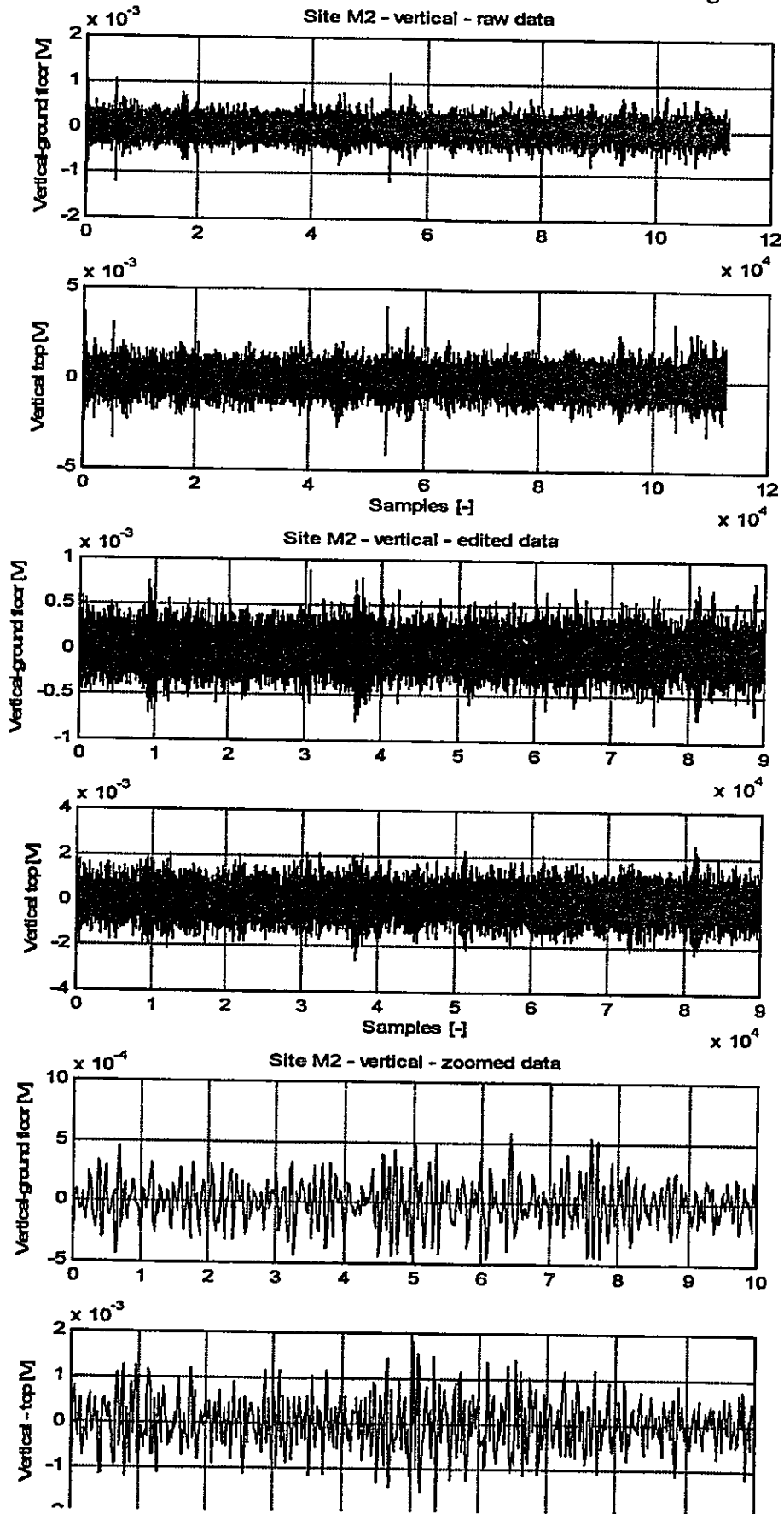
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_m2\m2m1ch1.001
» load c:\iran00\data\site_m2\m2m1ch2.002
» p2v(m2m1ch1,m2m1ch2)

» em2m1ch1=[m2m1ch1(8000:53000);m2m1ch1(58000:103000)];
» em2m1ch2=[m2m1ch2(8000:53000);m2m1ch2(58000:103000)];
» p2v(em2m1ch1,em2m1ch2)

» save c:\iran00\temp\em2m1ch1.d1t em2m1ch1 /ascii
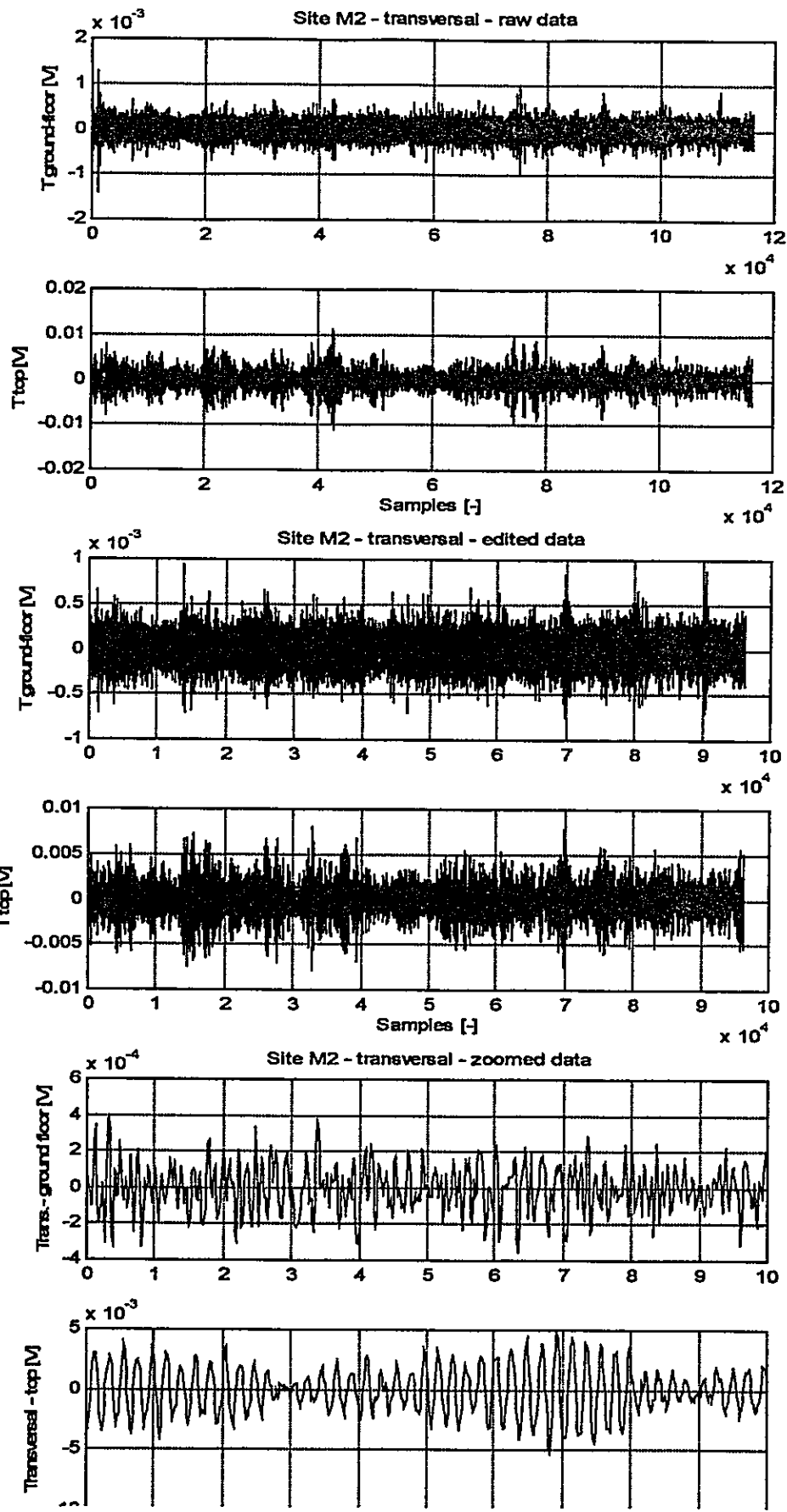» save c:\iran00\temp\em2m1ch2.d1t em2m1ch2 /ascii

Site M2 – longitudinal – raw data

Site M2 – longitudinal – edited data

Site M2 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_m2\m2m2ch1.001
» load c:\iran00\data\site_m2\m2m2ch2.002
» p2l(m2m2ch1,m2m2ch2)

» em2m2ch1=[m2m2ch1(1:15000);m2m2ch1(17000:38000);m2m2ch1(40000:60000);
m2m2ch1(63000:110000)];
» em2m2ch2=[m2m2ch2(1:15000);m2m2ch2(17000:38000);m2m2ch2(40000:60000);
m2m2ch2(63000:110000)];
» p2l(em2m2ch1,em2m2ch2)

» save c:\iran00\temp\em2m2ch1.dlt em2m2ch1 /ascii
» save c:\iran00\temp\em2m2ch2.dlt em2m2ch2 /ascii

Site M2 - transversal - raw data

Site M2 - transversal - edited data

Site M2 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

» load c:\iran00\data\site_m2\m2m3ch1.001
» load c:\iran00\data\site_m2\m2m3ch3.003
» p2t(m2m3ch1,m2m3ch3)

em2m3ch1=[m2m3ch1(6000:40000);m2m3ch1(46000:72000);
m2m3ch1(80000:length(m2m3ch1))];
» em2m3ch3=[m2m3ch3(6000:40000);m2m3ch3(46000:72000);
m2m3ch3(80000:length(m2m3ch3))];
» p2t(em2m3ch1,em2m3ch3)

» save c:\iran00\temp\em2m3ch1.dlt em2m3ch1 /ascii
» save c:\iran00\temp\em2m3ch3.dlt em2m3ch3 /ascii

5.2.x Site M3 - raw total, edited, and zoomed data and MatLab's editing details

Site M3 - vertical - raw data

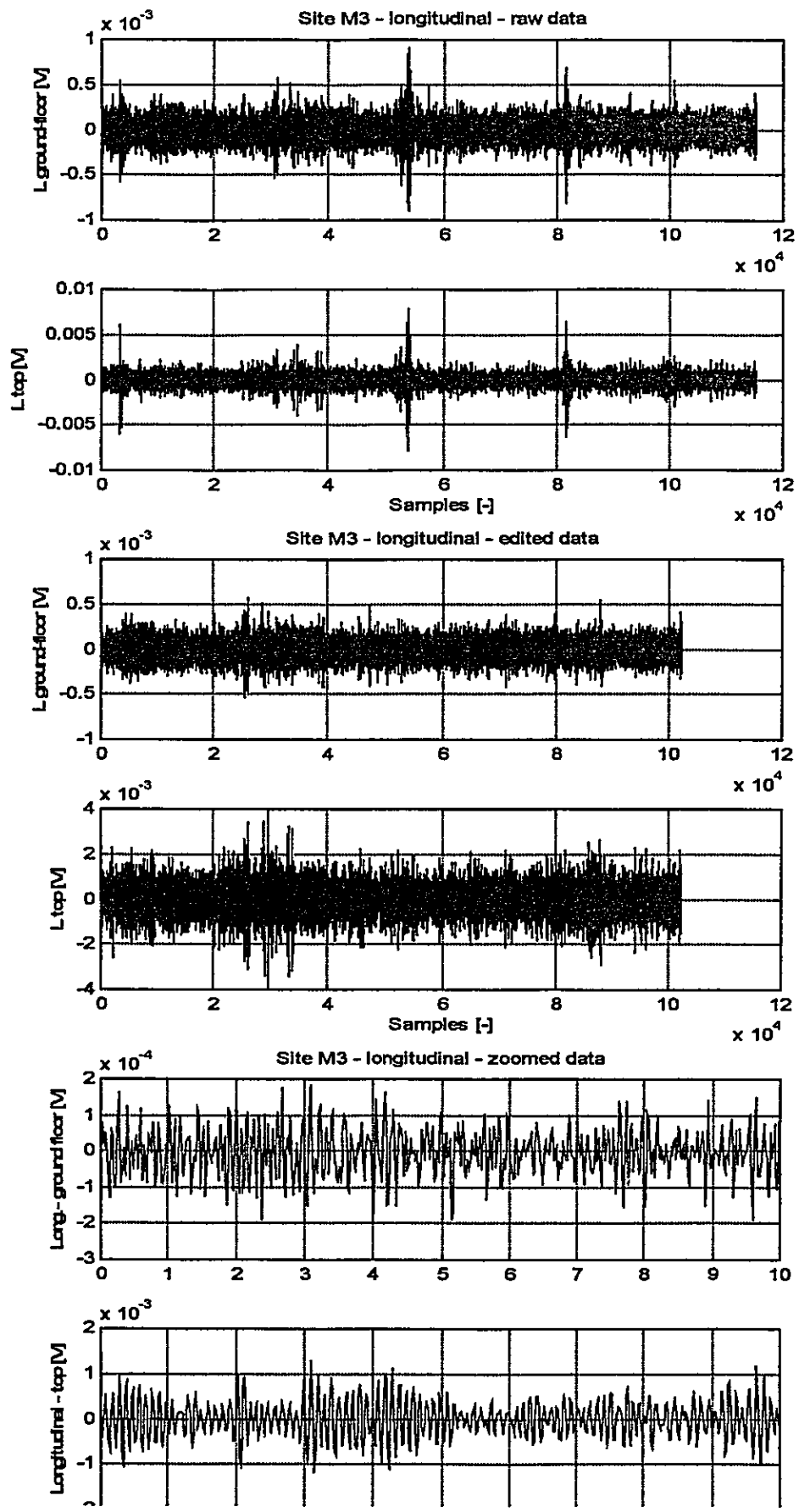Site M3 - vertical - edited data

Site M3 - vertical - zoomed data
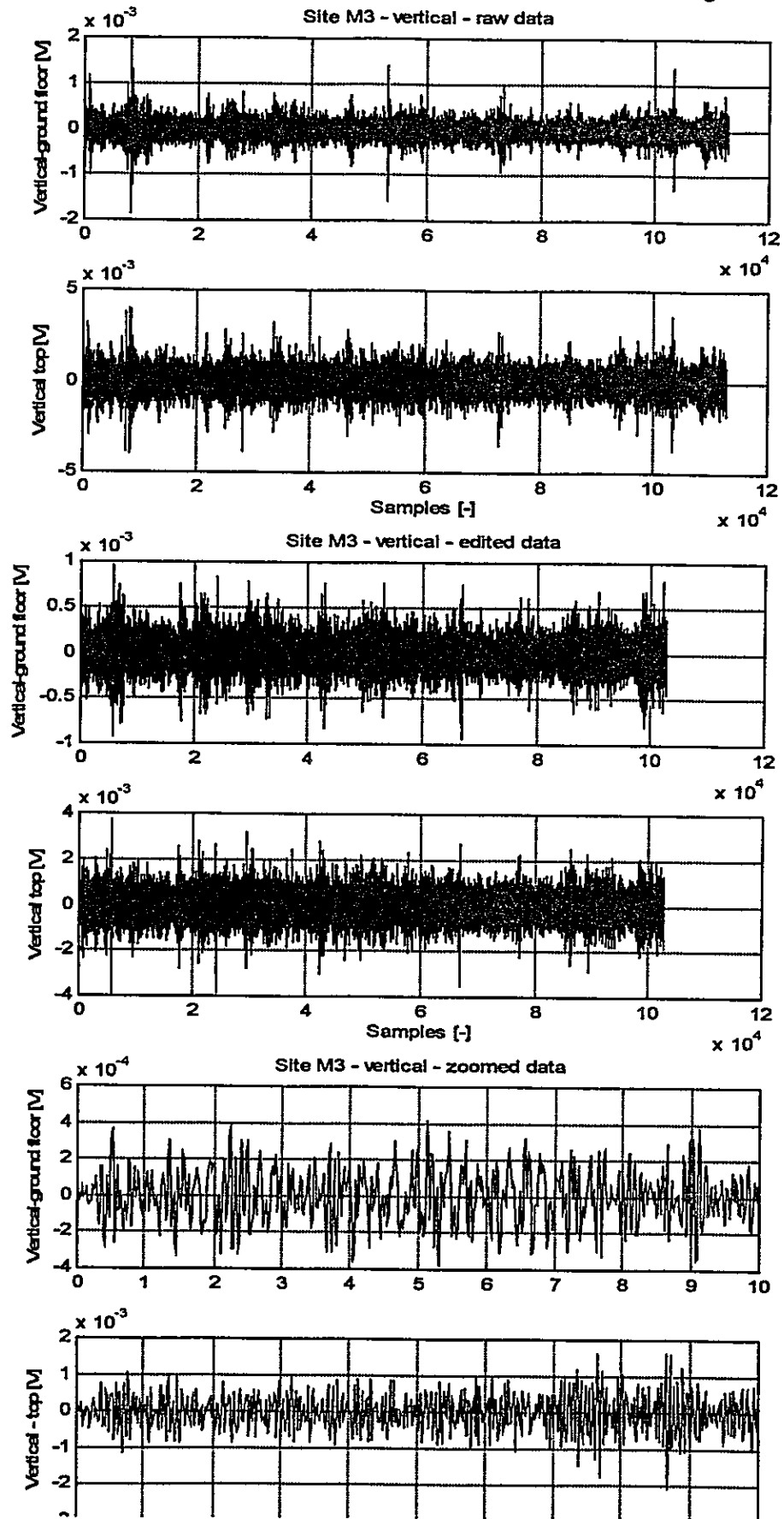
MatLab raw data editing details. Vertical data.

» load c:\iran00\data\site_m3\m3m1ch1.001
» load c:\iran00\data\site_m3\m3m1ch2.002
» p2v(m3m1ch1,m3m1ch2)

» em3m1ch1=[m3m1ch1(2000:8000);m3m1ch1(10000:52000);m3m1ch1(54000:73000);
m3m1ch1(75000:102000);m3m1ch1(104000:length(m3m1ch1))];
» em3m1ch2=[m3m1ch2(2000:8000);m3m1ch2(10000:52000);m3m1ch2(54000:73000);
m3m1ch2(75000:102000);m3m1ch2(104000:length(m3m1ch2))];
» p2v(em3m1ch1,em3m1ch2)

» save c:\iran00\temp\em3m1ch1.dat em3m1ch1 /ascii
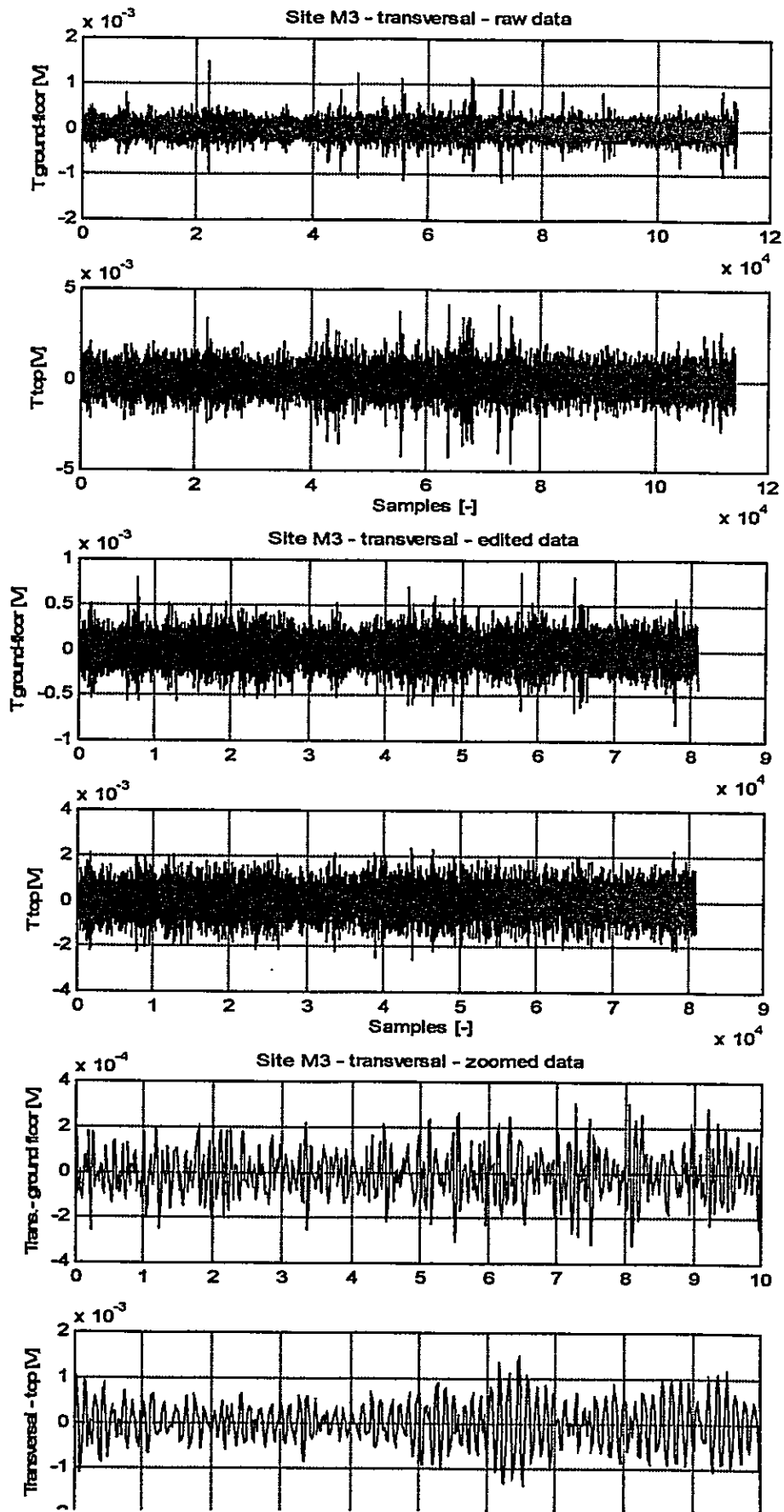» save c:\iran00\temp\em3m1ch2.dat em3m1ch2 /ascii

Site M3 – longitudinal – raw data

Site M3 – longitudinal – edited data

Site M3 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

» load c:\iran00\data\site_m3\m3m2ch1.001
» load c:\iran00\data\site_m3\m3m2ch2.002
» p2l(m3m2ch1,m3m2ch2)

» em3m2ch1=[m3m2ch1(5000:50000);m3m2ch1(55000:81000);
m3m2ch1(84000:length(m3m2ch1))];
» em3m2ch2=[m3m2ch2(5000:50000);m3m2ch2(55000:81000);
m3m2ch2(84000:length(m3m2ch1))];
» p2l(em3m2ch1,em3m2ch2)

» save c:\iran00\temp\em3m2ch1.dat em3m2ch1 /ascii
» save c:\iran00\temp\em3m2ch2.dat em3m2ch2 /ascii

Site M3 - transversal - raw data

Site M3 - transversal - edited data

Site M3 - transversal - zoomed data

MatLab raw data editing details. Transversal data.

```
» load c:\iran00\data\site_m3\m3m3ch1.001
» load c:\iran00\data\site_m3\m3m3ch3.003
» p2t(m3m3ch1,m3m3ch3)

» em3m3ch1=[m3m3ch1(1:22000);m3m3ch1(24000:42000);m3m3ch1(49000:54000);
m3m3ch1(57000:63000);m3m3ch1(77000:107000)];
» em3m3ch3=[m3m3ch3(1:22000);m3m3ch3(24000:42000);m3m3ch3(49000:54000);
m3m3ch3(57000:63000);m3m3ch3(77000:107000)];
» p2t(em3m3ch1,em3m3ch3)

» save c:\iran00\temp\em3m3ch1.dat em3m3ch1 /ascii
» save c:\iran00\temp\em3m3ch3.dat em3m3ch3 /ascii
```

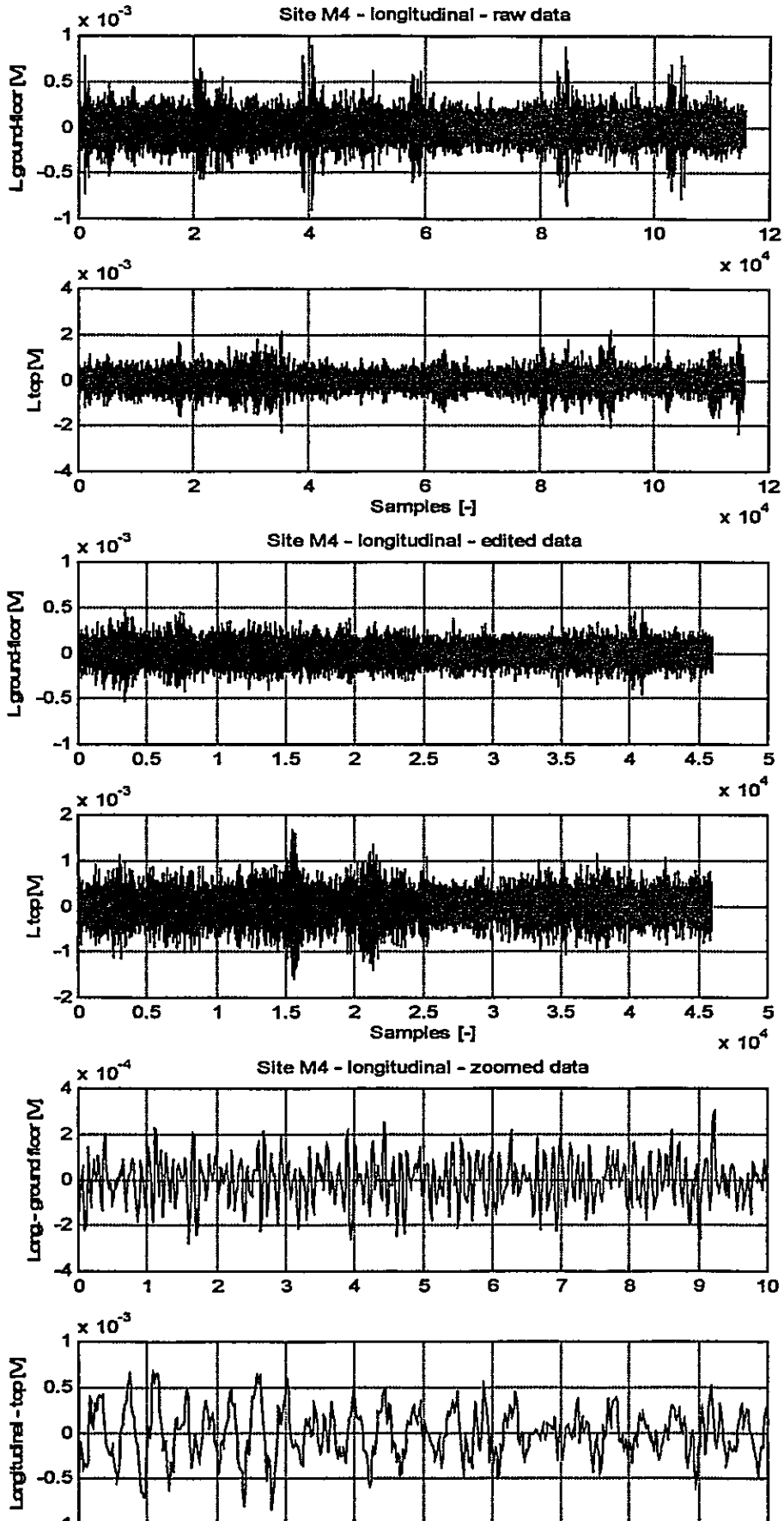## 5.2.x Site M4 - raw total, edited, and zoomed data and MatLab's editing details

Site M4 - vertical - raw data

Site M4 - vertical - edited data

Site M4 - vertical - zoomed data
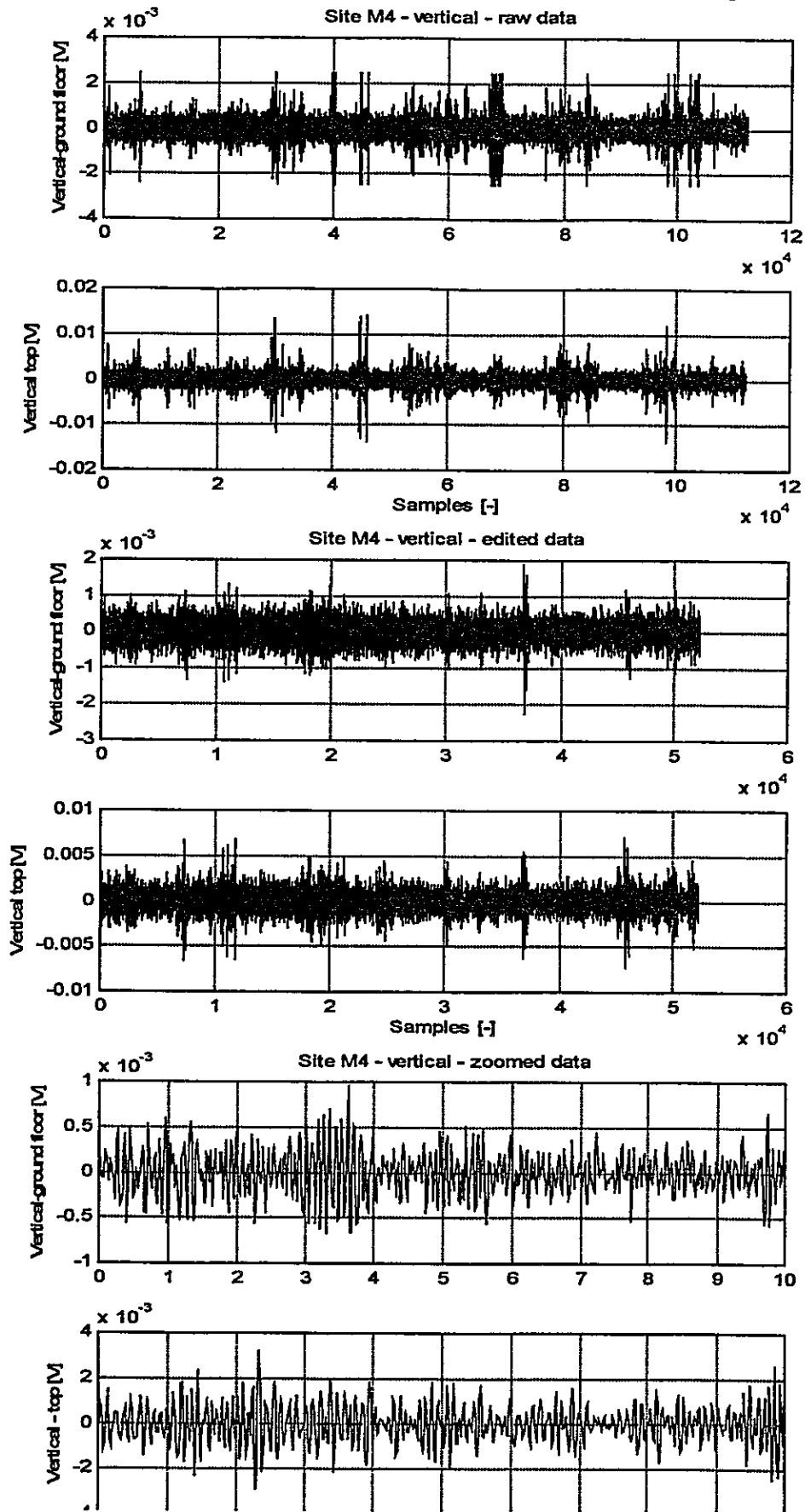
MatLab raw data editing details. Vertical data.

» load i:\site_m4\m4m1ch1.001
» load i:\site_m4\m4m1ch2.002
» p2v(m4m1ch1,m4m1ch2)

» em4m1ch1=[m4m1ch1(2000:5000);m4m1ch1(7000:29000);m4m1ch1(36000:38000);
m4m1ch1(47000:52000);m4m1ch1(72000:77000);m4m1ch1(86000:96000);
m4m1ch1(107000:length(m4m1ch1))];
» em4m1ch2=[m4m1ch2(2000:5000);m4m1ch2(7000:29000);m4m1ch2(36000:38000);
m4m1ch2(47000:52000);m4m1ch2(72000:77000);m4m1ch2(86000:96000);
m4m1ch2(107000:length(m4m1ch2))];
» p2v(em4m1ch1,em4m1ch2)

» save c:\iran00\temp\em4m1ch1.dat em4m1ch1 /ascii
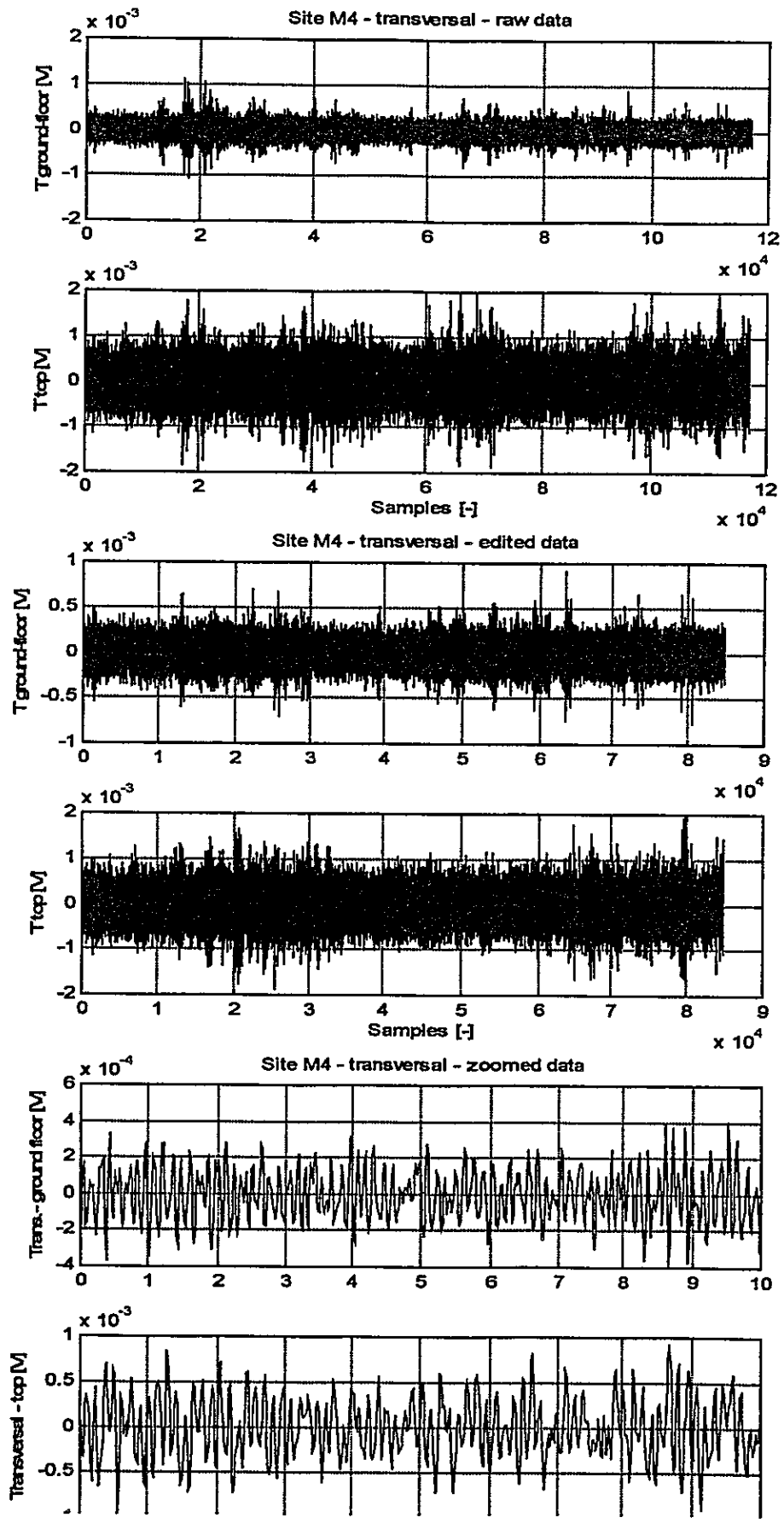» save c:\iran00\temp\em4m1ch2.dat em4m1ch2 /ascii

Site M4 – longitudinal – raw data

Site M4 – longitudinal – edited data

Site M4 – longitudinal – zoomed data

MatLab raw data editing details. Longitudinal data.

» load i:\site_m4\m4m2ch1.001
» load i:\site_m4\m4m2ch2.002
» p2l(m4m2ch1,m4m2ch2)

» em4m2ch1=[m4m2ch1(2000:20000);m4m2ch1(42000:36000);m4m2ch1(60000:80000);
m4m2ch1(94000:102000)];
» em4m2ch2=[m4m2ch2(2000:20000);m4m2ch2(42000:36000);m4m2ch2(60000:80000);
m4m2ch2(94000:102000)];
» p2l(em4m2ch1,em4m2ch2)

» save c:\iran00\temp\em4m2ch1.dat em4m2ch1 /ascii
» save c:\iran00\temp\em4m2ch2.dat em4m2ch2 /ascii

Site M4 – transversal – raw data

Site M4 – transversal – edited data

Site M4 – transversal – zoomed data

MatLab raw data editing details. Transversal data.

» load i:\site_m4\m4m3ch1.001
» load i:\site_m4\m4m3ch3.003
» p2t(m4m3ch1,m4m3ch3)

» em4m3ch1=[m4m3ch1(1:13000);m4m3ch1(31000:60000);
m4m3ch1(74000:length(m4m3ch1))];
» em4m3ch3=[m4m3ch3(1:13000);m4m3ch3(31000:60000);
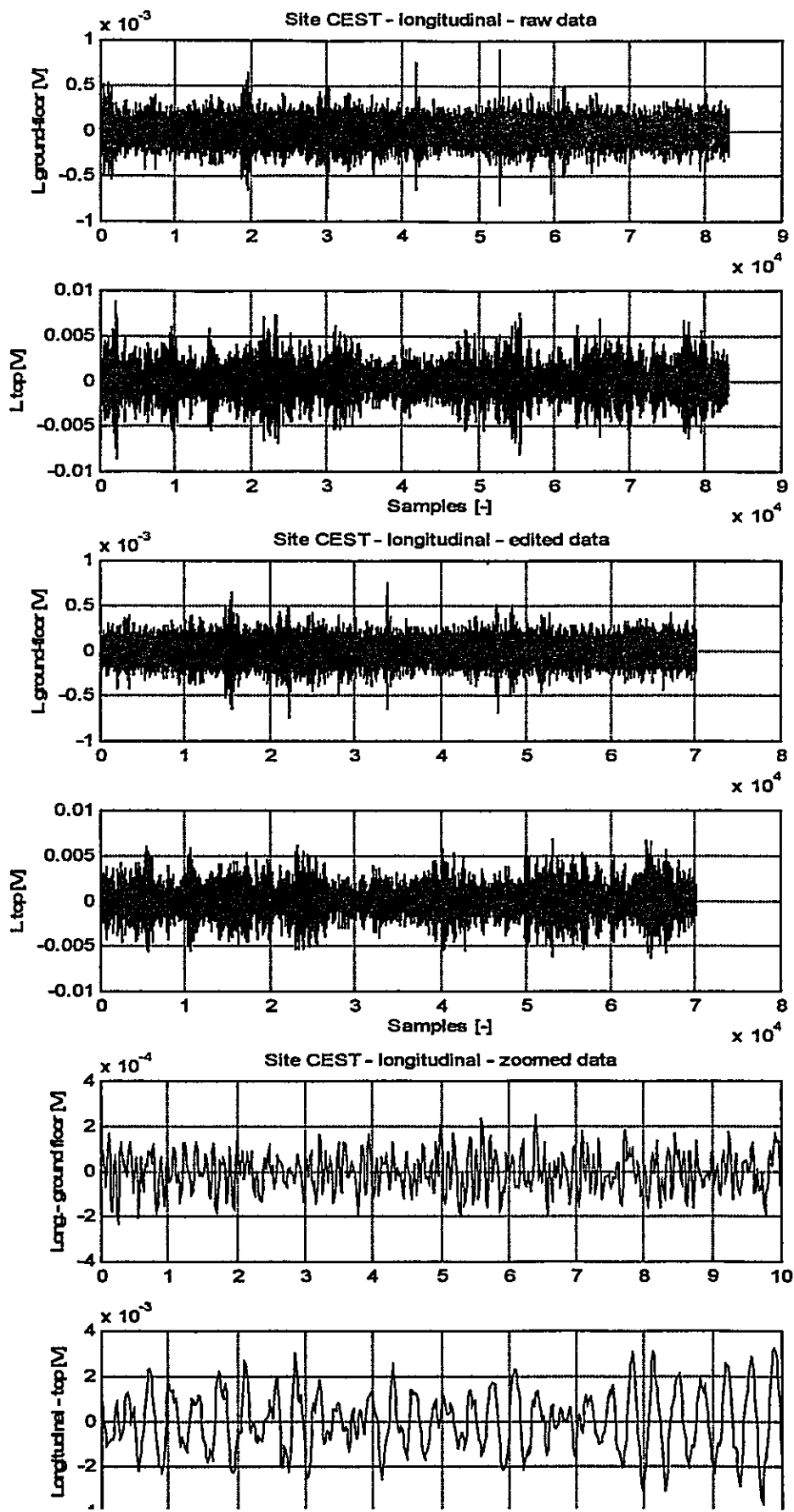m4m3ch3(74000:length(m4m3ch3))];
» p2t(em4m3ch1,em4m3ch3)

» save c:\iran00\temp\em4m3ch1.dat em4m3ch1 /ascii
» save c:\iran00\temp\em4m3ch3.dat em4m3ch3 /ascii

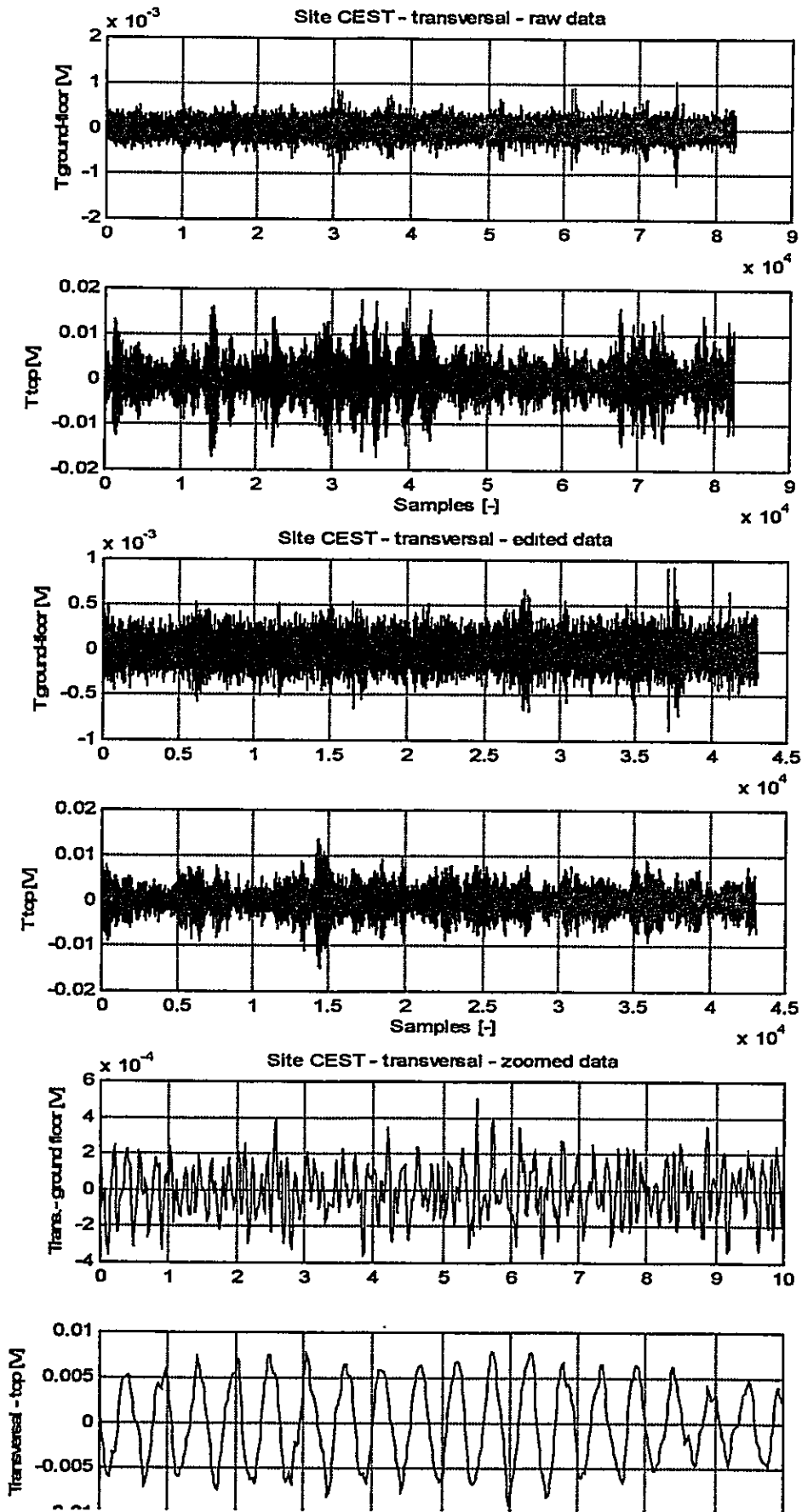## 5.2.x Site CEST - raw total, edited, and zoomed data and MatLab's editing details

Site CEST - vertical - raw data

Site CEST - vertical - edited data

Site CEST - vertical - zoomed data
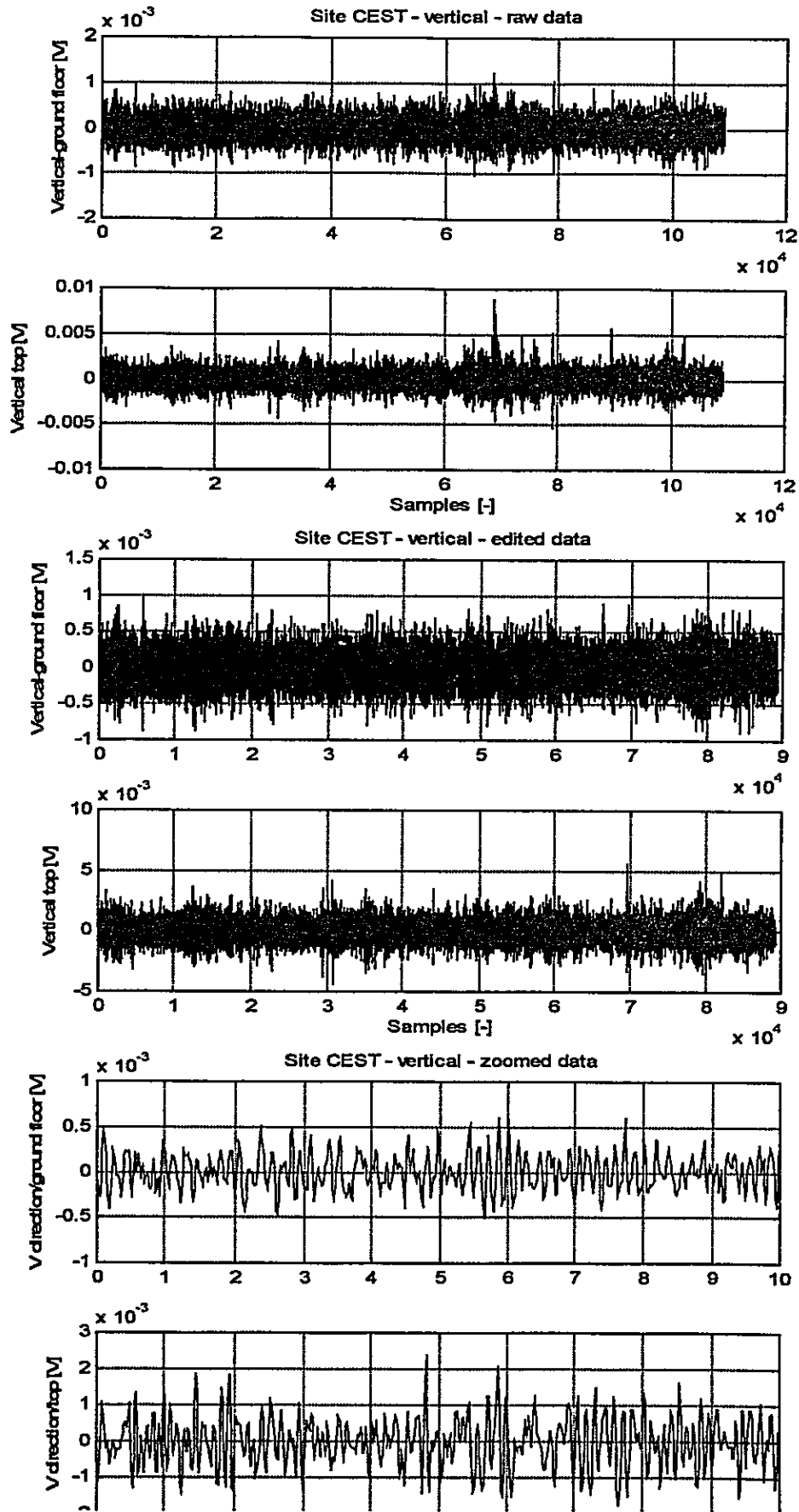
MatLab raw data editing details

» load c:\iran00\data\site_CEST\cestm1ch1.001
» load c:\iran00\data\site_CEST\cestm1ch2.002
» p2v(cestm1ch1,cestm1ch2)
» ecestm1ch2=[cestm1ch2(1:60000);cestm1ch2(80000:length(cestm1ch2))];
» ecestm1ch1=[cestm1ch1(1:60000);cestm1ch1(80000:length(cestm1ch1))];
» save c:\iran00\temp\ecestm1ch1.dat ecestm1ch1 /ascii
» save c:\iran00\temp\ecestm1ch2.dat ecestm1ch2 /ascii

Site CEST – longitudinal – raw data

Site CEST – longitudinal – edited data

Site CEST – longitudinal – zoomed data

MatLab raw data editing details

```
» load c:\iran00\data\site_CEST\cestm2ch1.001
» load c:\iran00\data\site_CEST\cestm2ch2.002
» p2v(cestm2ch1,cestm2ch2);
» ecestm2ch1 =
[cestm2ch1(4000:20000);cestm2ch1(24000:52000);cestm2ch1(57000:length(cestm2ch1))];
» ecestm2ch2 =
[cestm2ch2(4000:20000);cestm2ch2(24000:52000);cestm2ch2(57000:length(cestm2ch2))];
» save c:\iran00\temp\ecestm2ch1.dat ecestm2ch1 /ascii
» save c:\iran00\temp\ecestm2ch2.dat ecestm2ch2 /ascii
```

Site CEST – transversal – raw data

Site CEST – transversal – edited data

Site CEST – transversal – zoomed data

MatLab raw data editing details

```
» load c:\iran00\data\site_CEST\cestm3ch1.001
» load c:\iran00\data\site_CEST\cestm3ch3.003
» p2v(cestm3ch1,cestm3ch3);
» title('Site CEST - transversal - raw data')

» ecestm3ch1=[cestm3ch1(4000:13000);cestm3ch1(17000:28000);cestm3ch1(44000:67000)];
» ecestm3ch3=[cestm3ch3(4000:13000);cestm3ch3(17000:28000);cestm3ch3(44000:67000)];
» save c:\iran00\temp\ecestm3ch1.dat ecestm3ch1 /ascii
» save c:\iran00\temp\ecestm3ch3.dat ecestm3ch3 /ascii
```