

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Decreasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

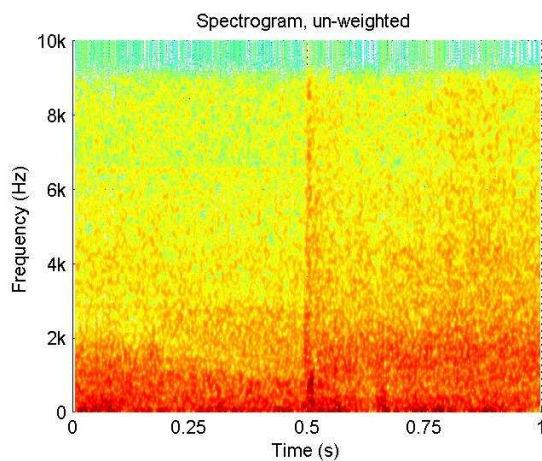
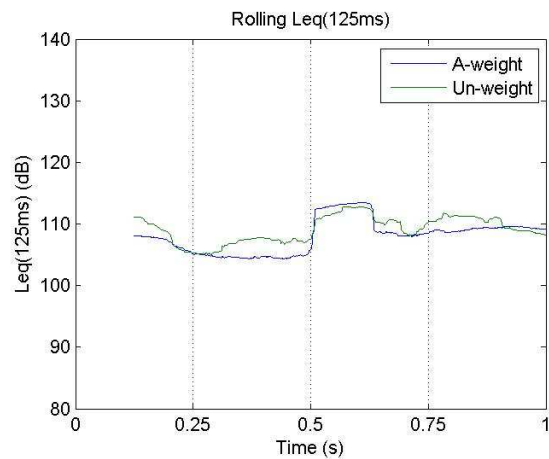
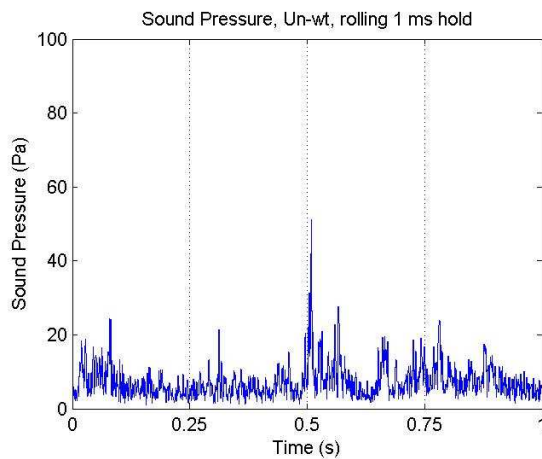
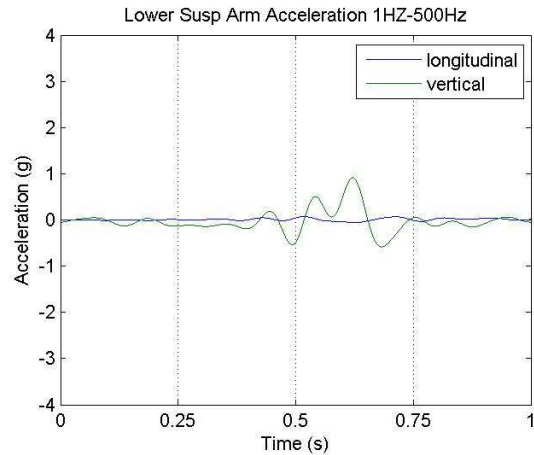
Time: 10-15-36

Marker No: 5

Latitude: -36.997867

Longitude: 174.860177

Speed (km/h): 63.9



Acceleration – Maximum vertical (g): 0.91
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 9.27
Displacement – Maximum longitudinal (mm): 0.74
Noise Peak Sound Pressure (Pa): 51.06
Average sound level, Leq(1s) (dB): 109.61
Average sound level, LAeq(1s) (dB): 108.87
Maximum sound level, Leq(125ms) (dB): 112.81
Maximum sound level, LAeq(125ms) (dBA): 113.45

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Decreasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

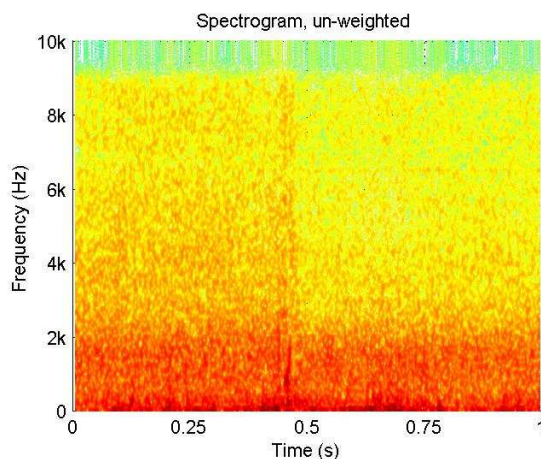
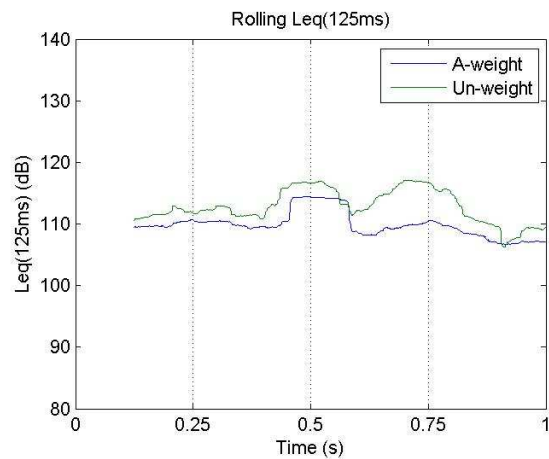
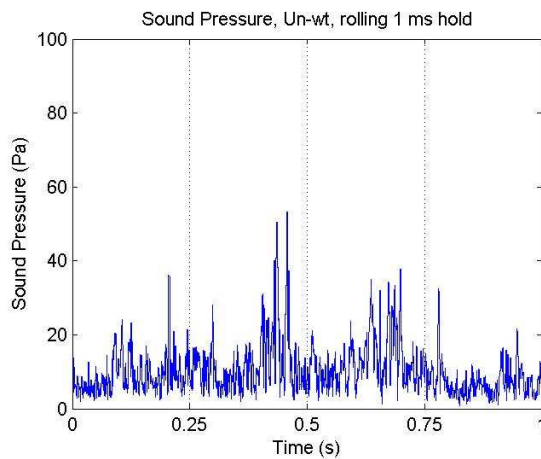
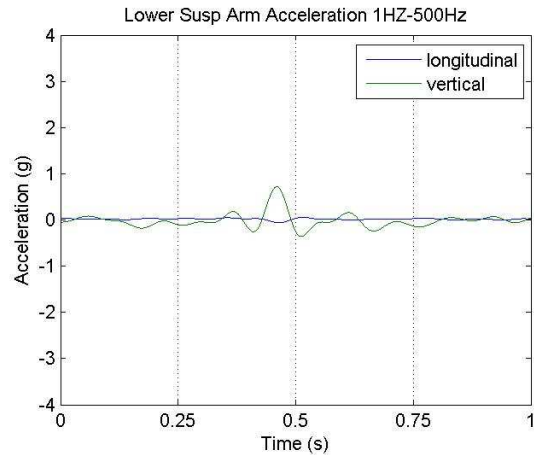
Time: 10-15-36

Marker No: 6

Latitude: -36.997730

Longitude: 174.861637

Speed (km/h): 68.3



Acceleration – Maximum vertical (g): 0.72
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 7.30
Displacement – Maximum longitudinal (mm): 0.59
Noise Peak Sound Pressure (Pa): 53.30
Average sound level, Leq(1s) (dB): 113.30
Average sound level, LAeq(1s) (dB): 110.25
Maximum sound level, Leq(125ms) (dB): 117.10
Maximum sound level, LAeq(125ms) (dBA): 114.41

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

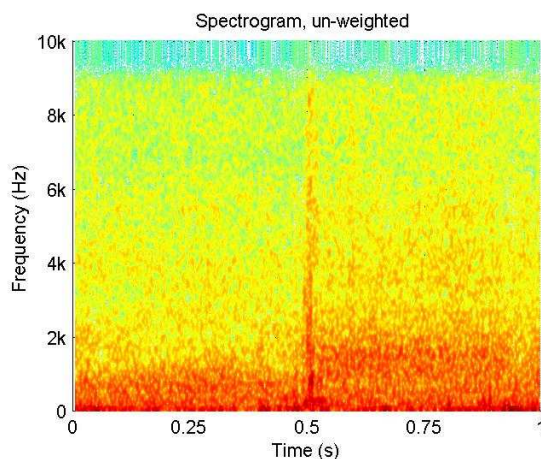
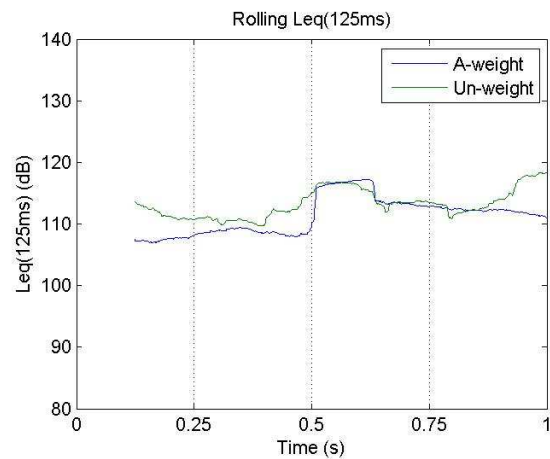
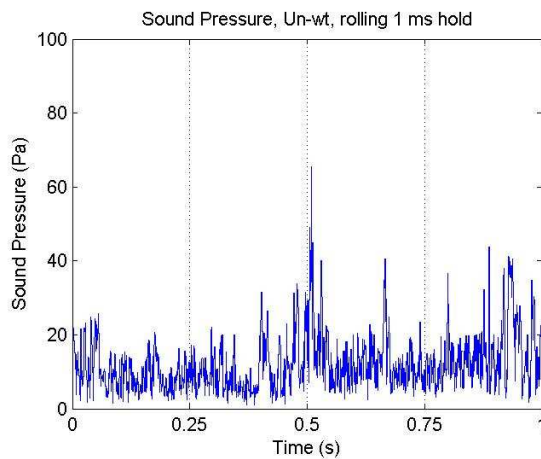
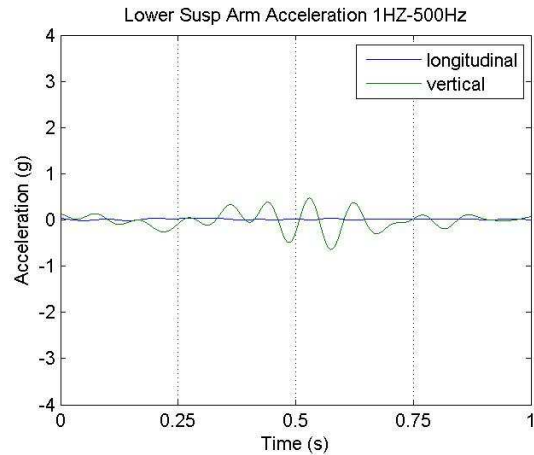
Time: 10-06-36

Marker No: 1

Latitude: -36.997875

Longitude: 174.862227

Speed (km/h): 79.3



Acceleration – Maximum vertical (g): 0.64
Acceleration – Maximum longitudinal (g): 0.04
Displacement – Maximum vertical (mm): 6.46
Displacement – Maximum longitudinal (mm): 0.41
Noise Peak Sound Pressure (Pa): 65.43
Average sound level, Leq(1s) (dB): 114.37
Average sound level, LAeq(1s) (dB): 112.10
Maximum sound level, Leq(125ms) (dB): 118.27
Maximum sound level, LAeq(125ms) (dBA): 117.27

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

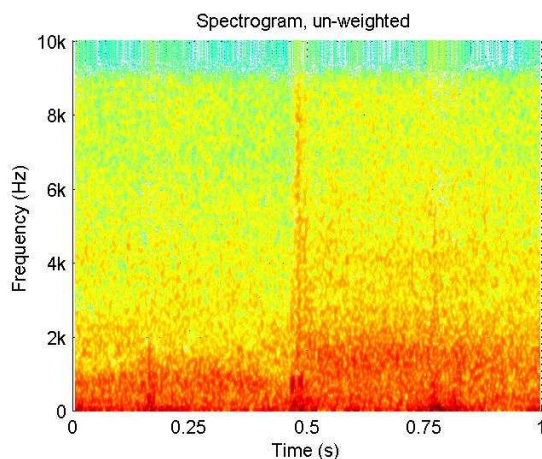
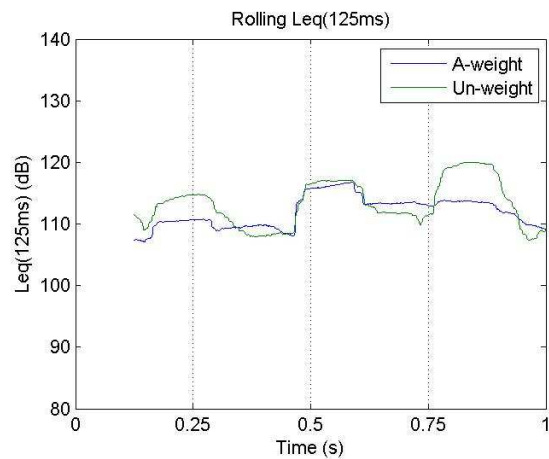
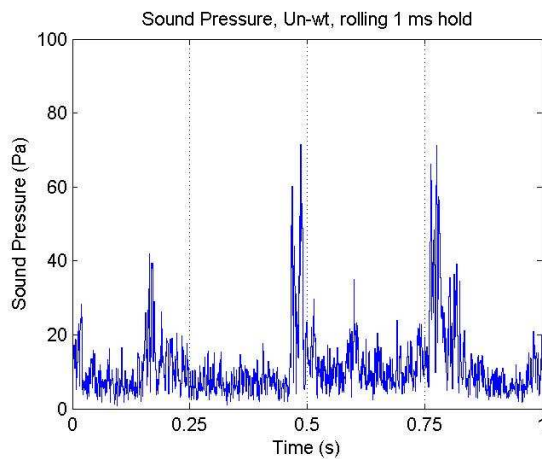
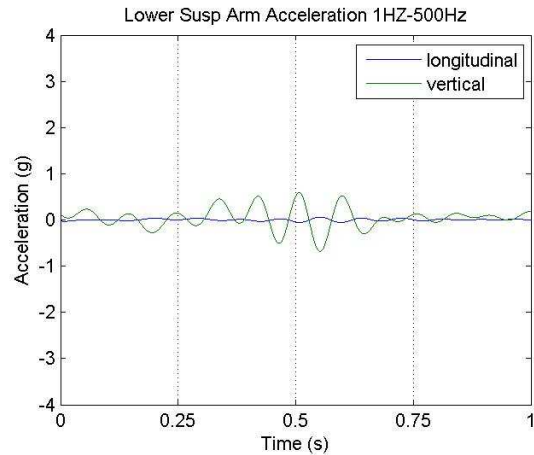
Time: 10-19-58

Marker No: 1

Latitude: -36.997868

Longitude: 174.862268

Speed (km/h): 79.1



Acceleration – Maximum vertical (g): 0.68
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 6.90
Displacement – Maximum longitudinal (mm): 0.65
Noise Peak Sound Pressure (Pa): 71.47
Average sound level, Leq(1s) (dB): 114.62
Average sound level, LAeq(1s) (dB): 112.29
Maximum sound level, Leq(125ms) (dB): 119.97
Maximum sound level, LAeq(125ms) (dBA): 116.78

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

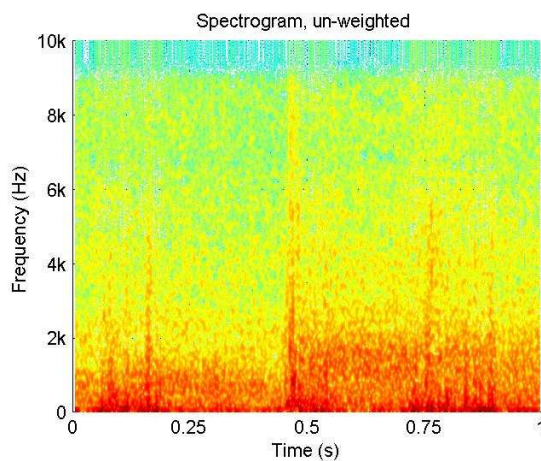
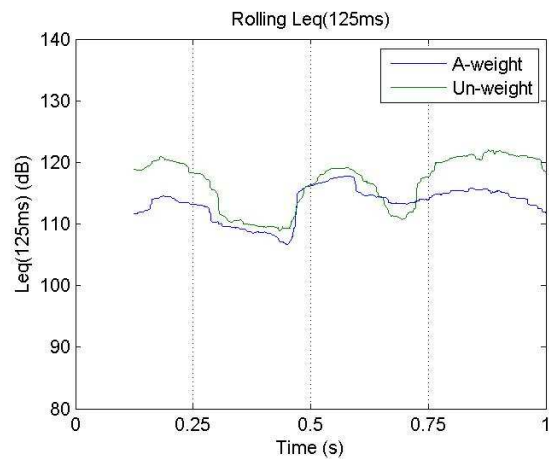
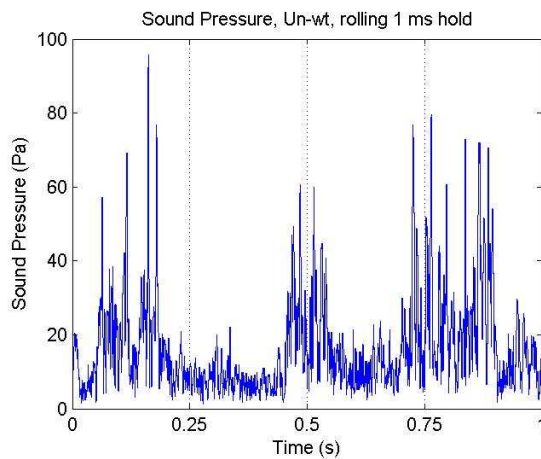
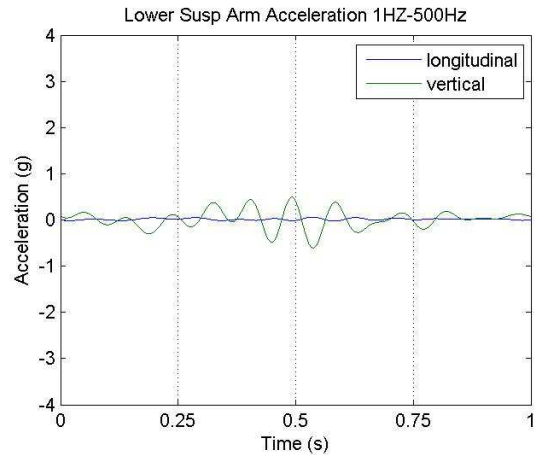
Time: 10-33-05

Marker No: 1

Latitude: -36.997800

Longitude: 174.863157

Speed (km/h): 80.8



Acceleration – Maximum vertical (g): 0.61
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 6.14
Displacement – Maximum longitudinal (mm): 0.64
Noise Peak Sound Pressure (Pa): 95.63
Average sound level, Leq(1s) (dB): 118.12
Average sound level, LAeq(1s) (dB): 113.77
Maximum sound level, Leq(125ms) (dB): 121.99
Maximum sound level, LAeq(125ms) (dBA): 117.80

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

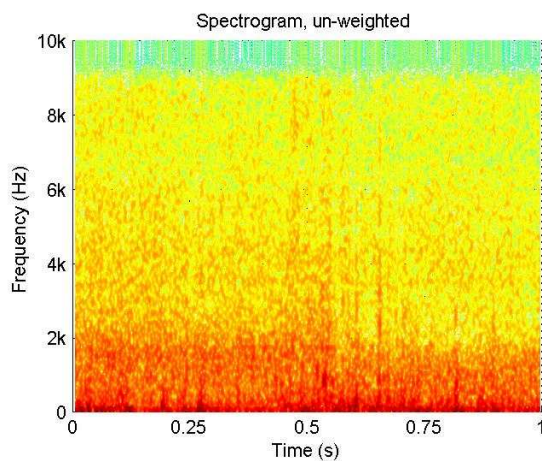
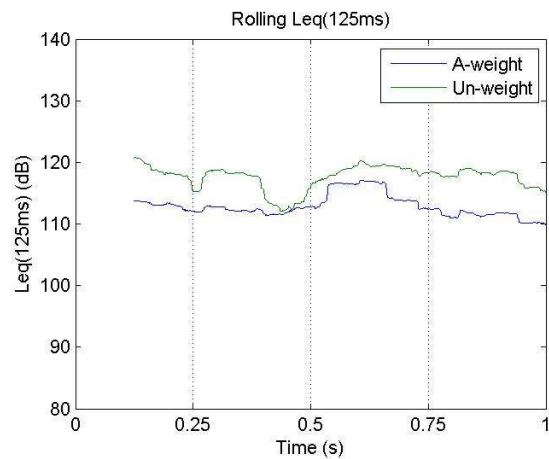
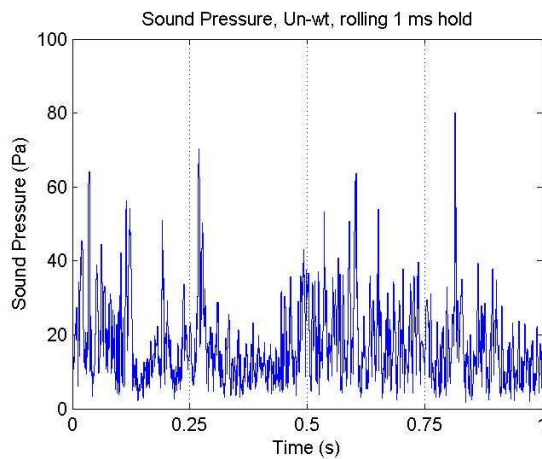
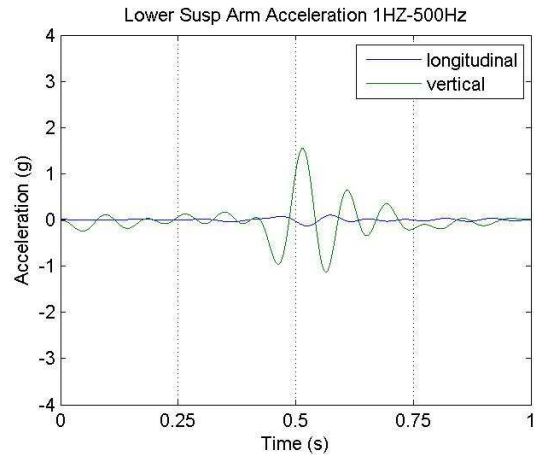
Time: 10-06-36

Marker No: 2

Latitude: -36.998012

Longitude: 174.860755

Speed (km/h): 79.1



Acceleration – Maximum vertical (g): 1.56
Acceleration – Maximum longitudinal (g): 0.13
Displacement – Maximum vertical (mm): 15.80
Displacement – Maximum longitudinal (mm): 1.30
Noise Peak Sound Pressure (Pa): 80.04
Average sound level, Leq(1s) (dB): 118.05
Average sound level, LAeq(1s) (dB): 113.15
Maximum sound level, Leq(125ms) (dB): 120.75
Maximum sound level, LAeq(125ms) (dBA): 117.07

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

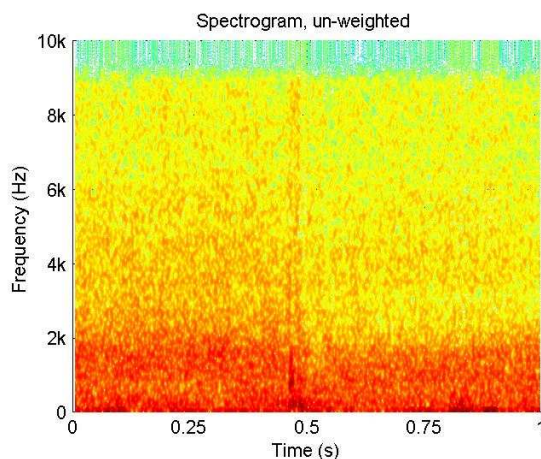
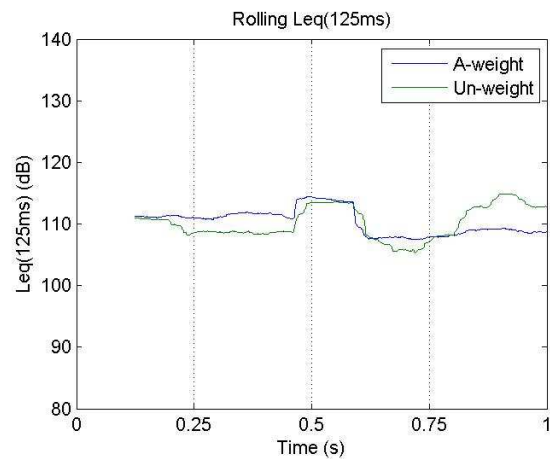
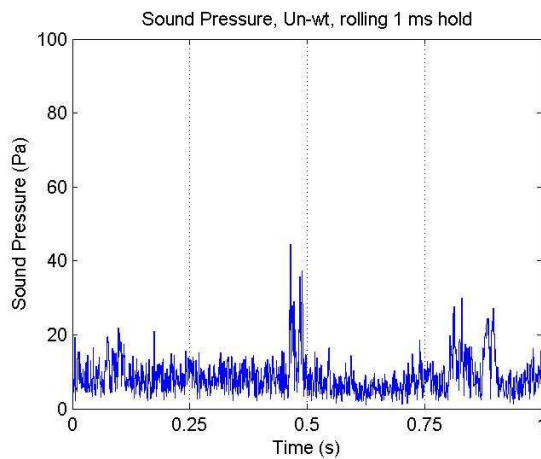
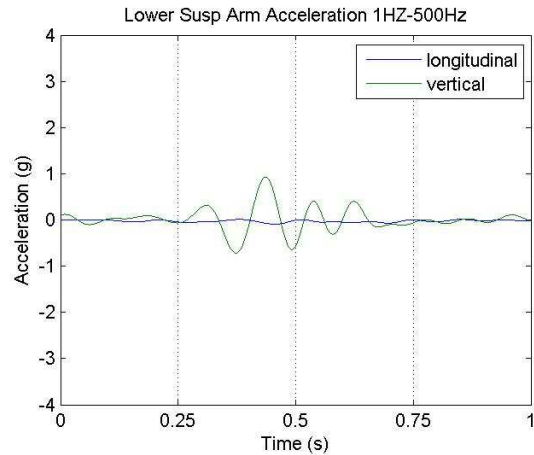
Time: 10-19-58

Marker No: 2

Latitude: -36.998010

Longitude: 174.860823

Speed (km/h): 76.1



Acceleration – Maximum vertical (g): 0.93
Acceleration – Maximum longitudinal (g): 0.09
Displacement – Maximum vertical (mm): 9.45
Displacement – Maximum longitudinal (mm): 0.92
Noise Peak Sound Pressure (Pa): 44.51
Average sound level, Leq(1s) (dB): 110.88
Average sound level, LAeq(1s) (dB): 110.76
Maximum sound level, Leq(125ms) (dB): 114.90
Maximum sound level, LAeq(125ms) (dBA): 114.41

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

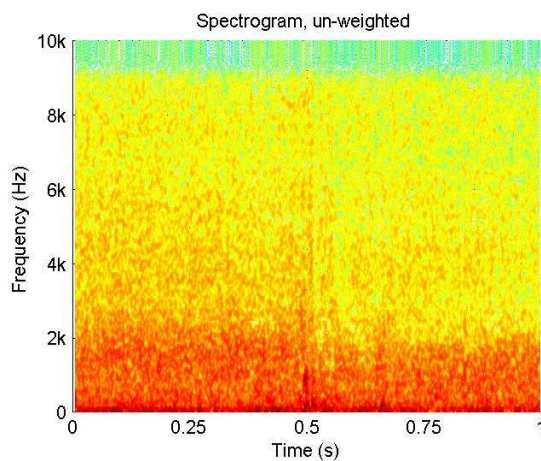
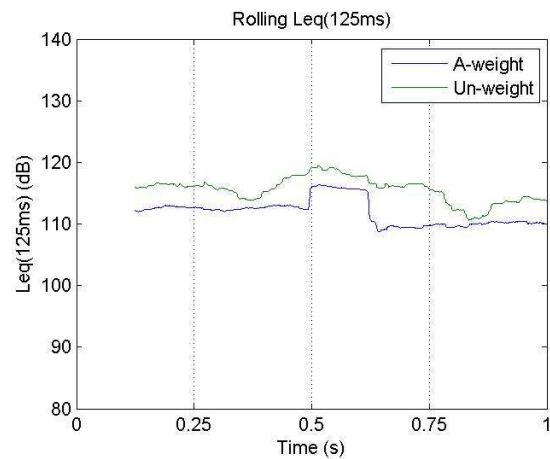
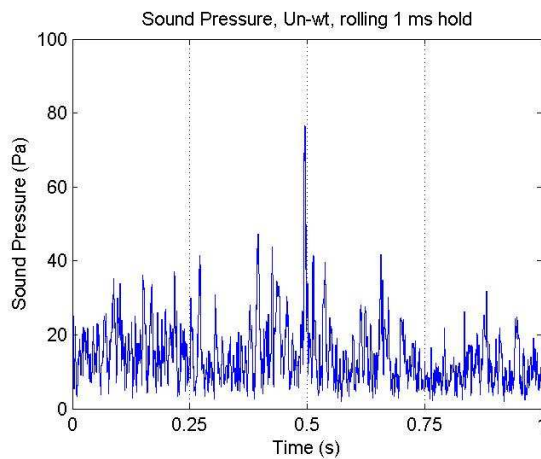
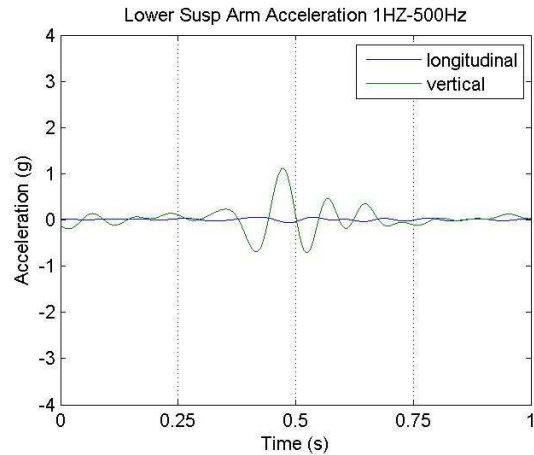
Time: 10-33-05

Marker No: 2

Latitude: -36.997800

Longitude: 174.863157

Speed (km/h): 80.8



Acceleration – Maximum vertical (g): 1.12
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 11.36
Displacement – Maximum longitudinal (mm): 0.65
Noise Peak Sound Pressure (Pa): 76.48
Average sound level, Leq(1s) (dB): 115.85
Average sound level, LAeq(1s) (dB): 112.27
Maximum sound level, Leq(125ms) (dB): 119.47
Maximum sound level, LAeq(125ms) (dBA): 116.35

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

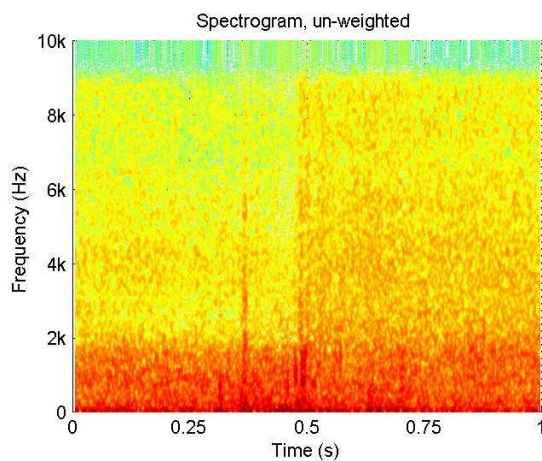
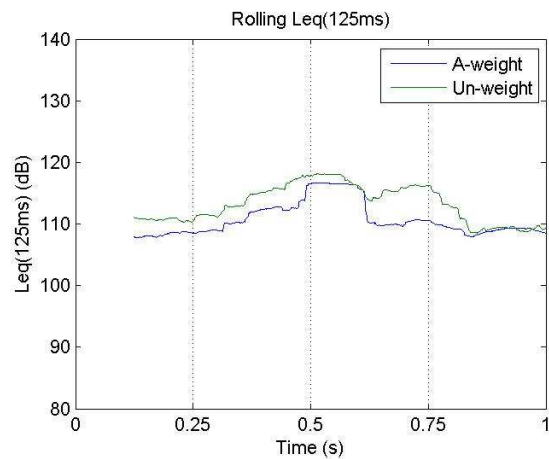
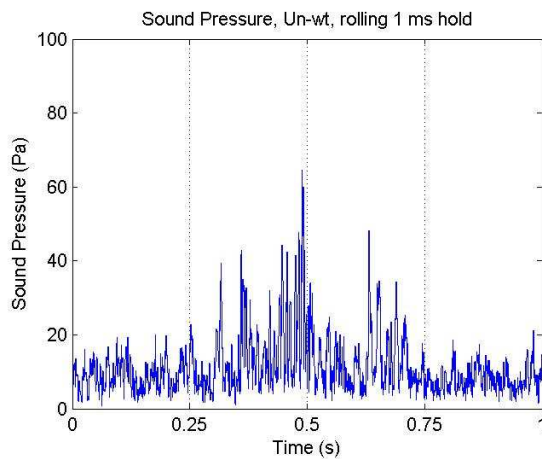
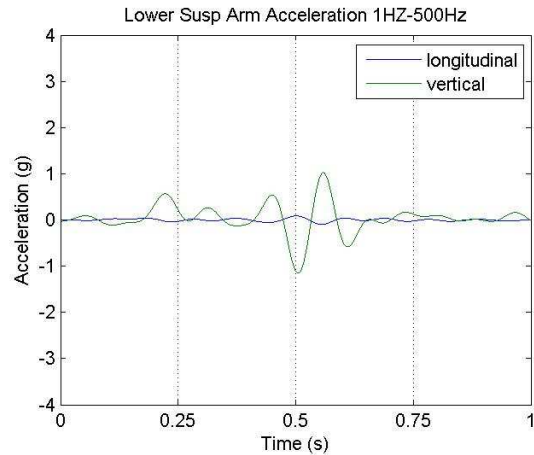
Time: 10-33-05

Marker No: 3

Latitude: -36.998008

Longitude: 174.860900

Speed (km/h): 80.8



Acceleration – Maximum vertical (g): 1.15
Acceleration – Maximum longitudinal (g): 0.10
Displacement – Maximum vertical (mm): 11.66
Displacement – Maximum longitudinal (mm): 0.97
Noise Peak Sound Pressure (Pa): 64.56
Average sound level, Leq(1s) (dB): 113.92
Average sound level, LAeq(1s) (dB): 111.42
Maximum sound level, Leq(125ms) (dB): 118.14
Maximum sound level, LAeq(125ms) (dBA): 116.70

Bridge Structure Number: BSN26

Name: PUHINUI STREAM No.1 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

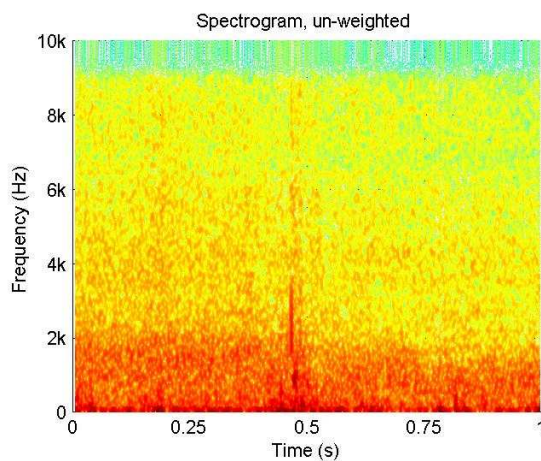
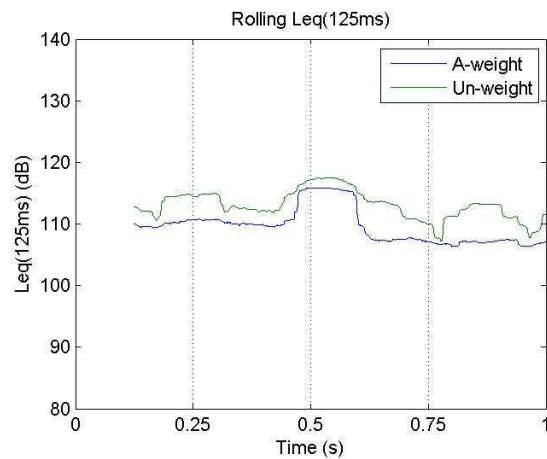
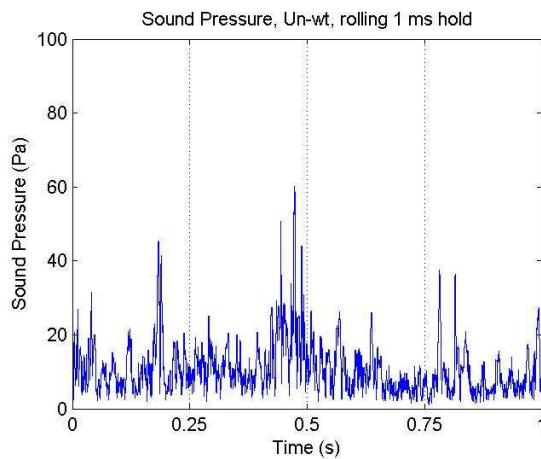
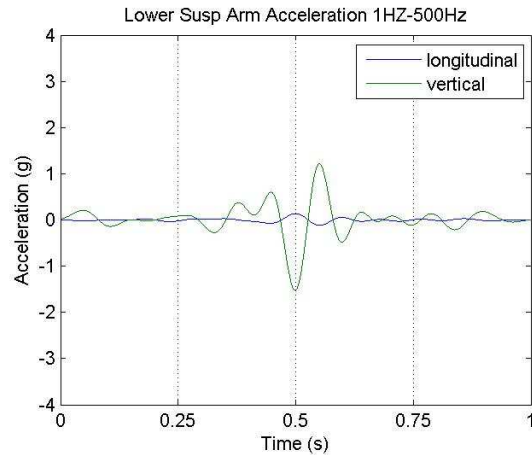
Time: 10-33-05

Marker No: 4

Latitude: -36.998080

Longitude: 174.860148

Speed (km/h): 80.8



Acceleration – Maximum vertical (g): 1.52
Acceleration – Maximum longitudinal (g): 0.14
Displacement – Maximum vertical (mm): 15.41
Displacement – Maximum longitudinal (mm): 1.41
Noise Peak Sound Pressure (Pa): 60.25
Average sound level, Leq(1s) (dB): 113.63
Average sound level, LAeq(1s) (dB): 110.56
Maximum sound level, Leq(125ms) (dB): 117.54
Maximum sound level, LAeq(125ms) (dBA): 115.85

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Decreasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

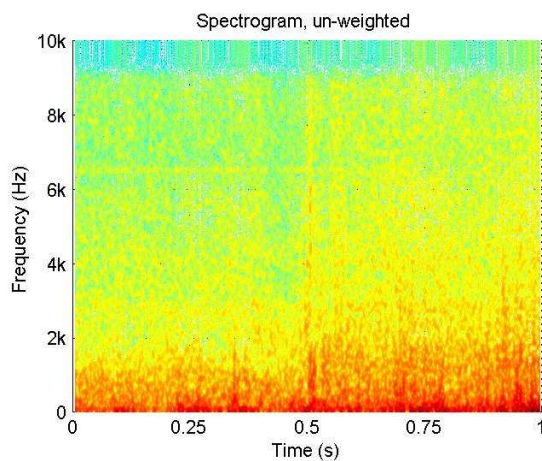
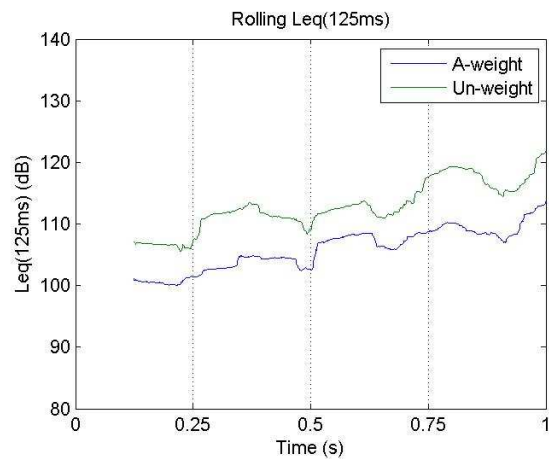
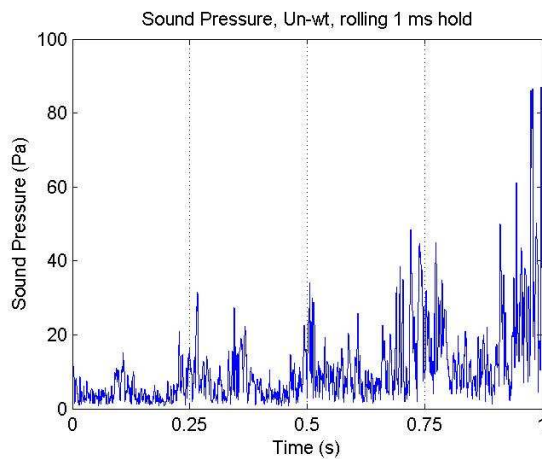
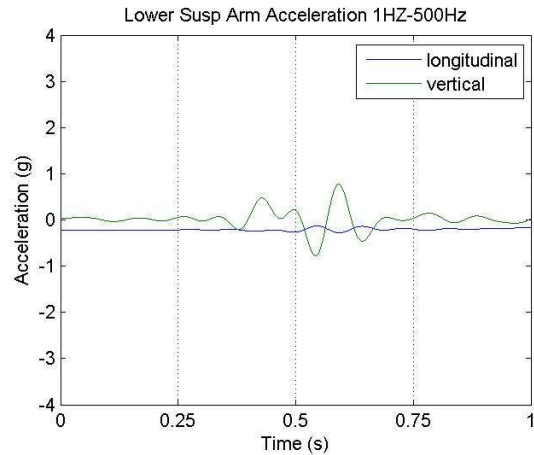
Time: 10-15-36

Marker No: 3

Latitude: -36.998142

Longitude: 174.856213

Speed (km/h): 43.3



Acceleration – Maximum vertical (g): 0.77
Acceleration – Maximum longitudinal (g): 0.28
Displacement – Maximum vertical (mm): 7.85
Displacement – Maximum longitudinal (mm): 2.82
Noise Peak Sound Pressure (Pa): 86.89
Average sound level, Leq(1s) (dB): 115.91
Average sound level, LAeq(1s) (dB): 108.11
Maximum sound level, Leq(125ms) (dB): 121.80
Maximum sound level, LAeq(125ms) (dBA): 113.59

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Decreasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

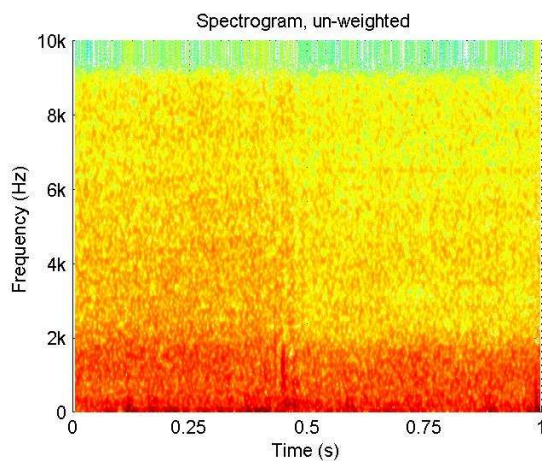
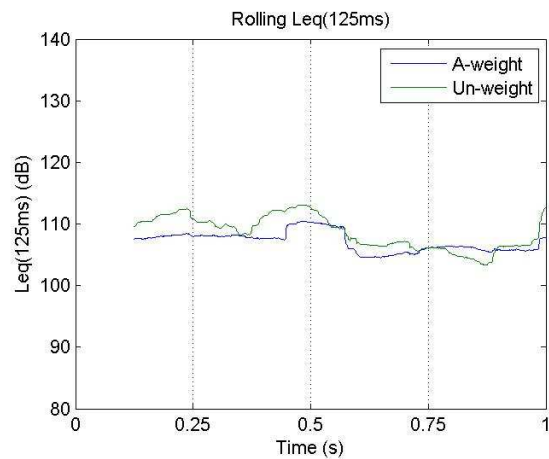
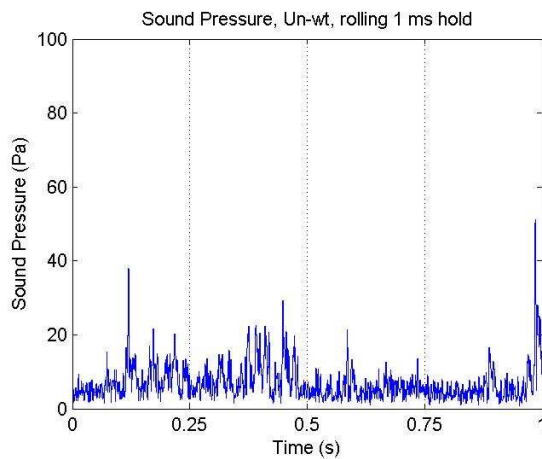
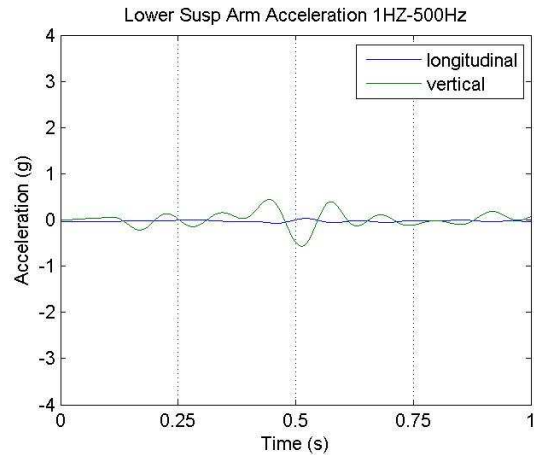
Time: 10-15-36

Marker No: 4

Latitude: -36.998142

Longitude: 174.856935

Speed (km/h): 61.7



Acceleration – Maximum vertical (g): 0.57
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 5.76
Displacement – Maximum longitudinal (mm): 0.72
Noise Peak Sound Pressure (Pa): 51.06
Average sound level, Leq(1s) (dB): 109.81
Average sound level, LAeq(1s) (dB): 107.51
Maximum sound level, Leq(125ms) (dB): 113.10
Maximum sound level, LAeq(125ms) (dBA): 110.40

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Decreasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

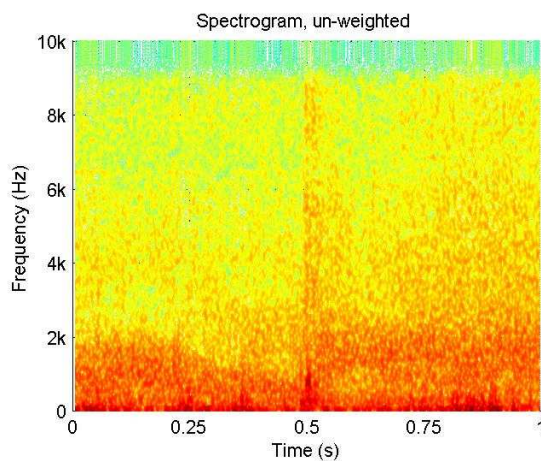
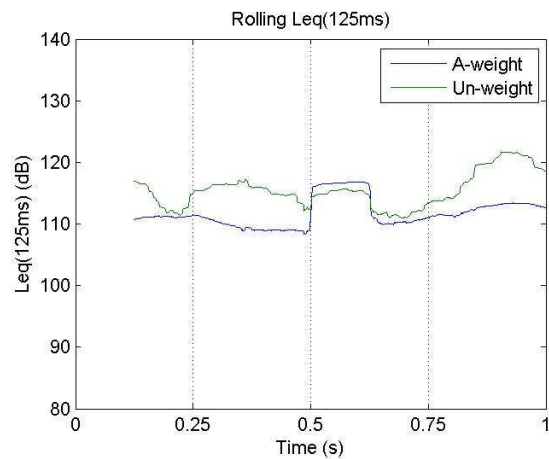
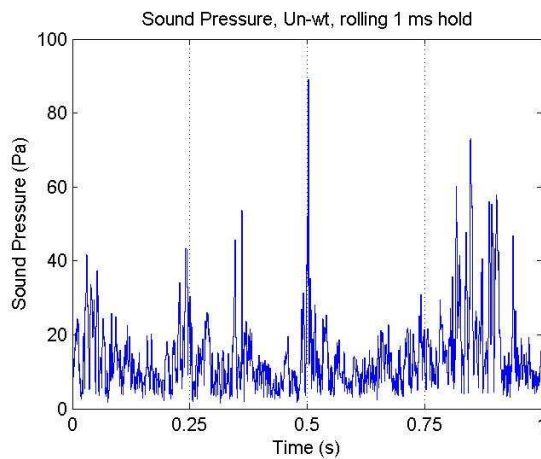
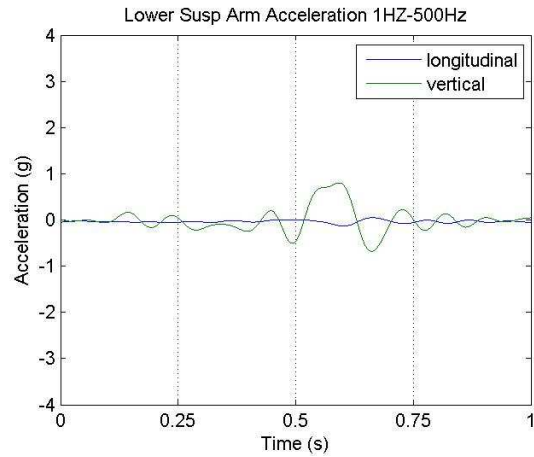
Time: 10-28-37

Marker No: 5

Latitude: -36.998165

Longitude: 174.856952

Speed (km/h): 81.7



Acceleration – Maximum vertical (g): 0.80
Acceleration – Maximum longitudinal (g): 0.13
Displacement – Maximum vertical (mm): 8.14
Displacement – Maximum longitudinal (mm): 1.35
Noise Peak Sound Pressure (Pa): 89.04
Average sound level, Leq(1s) (dB): 116.50
Average sound level, LAeq(1s) (dB): 112.38
Maximum sound level, Leq(125ms) (dB): 121.69
Maximum sound level, LAeq(125ms) (dBA): 116.79

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Decreasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

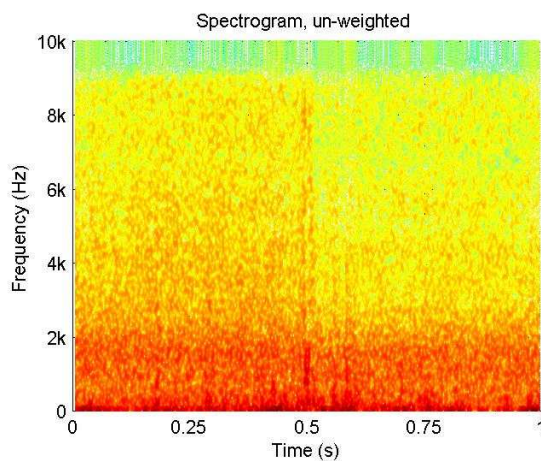
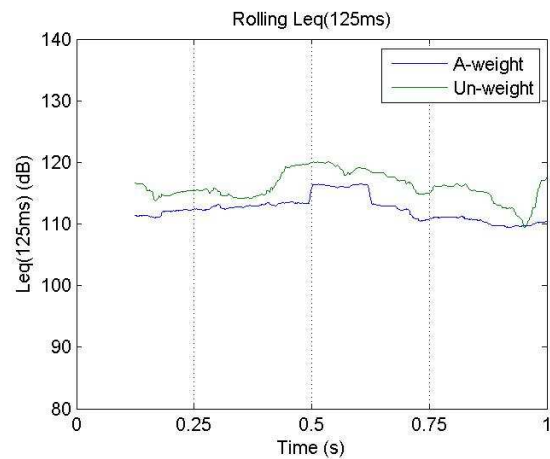
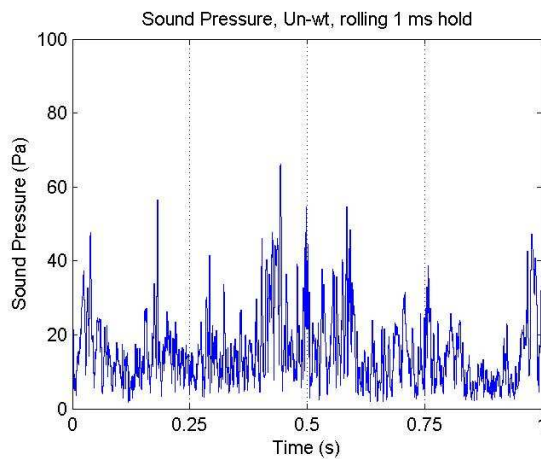
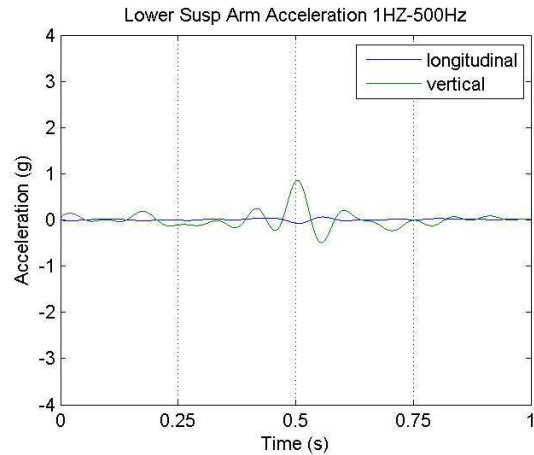
Time: 10-28-37

Marker No: 6

Latitude: -36.998072

Longitude: 174.858450

Speed (km/h): 79.6



Acceleration – Maximum vertical (g): 0.86
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 8.71
Displacement – Maximum longitudinal (mm): 0.74
Noise Peak Sound Pressure (Pa): 66.19
Average sound level, Leq(1s) (dB): 116.97
Average sound level, LAeq(1s) (dB): 112.68
Maximum sound level, Leq(125ms) (dB): 120.18
Maximum sound level, LAeq(125ms) (dBA): 116.48

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

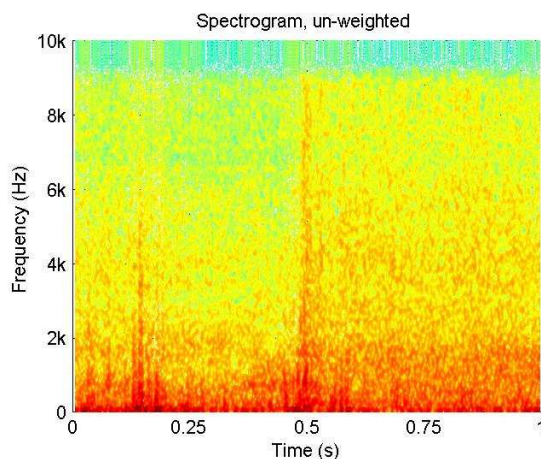
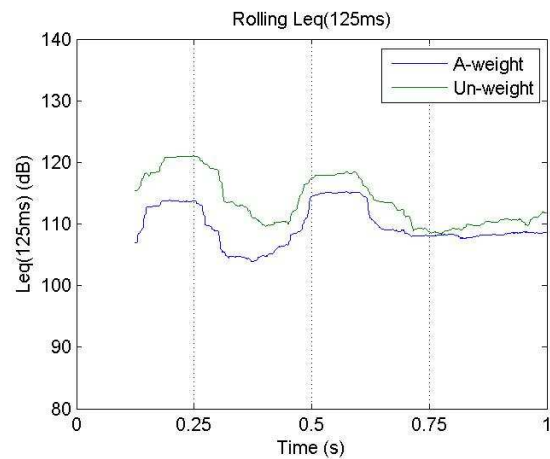
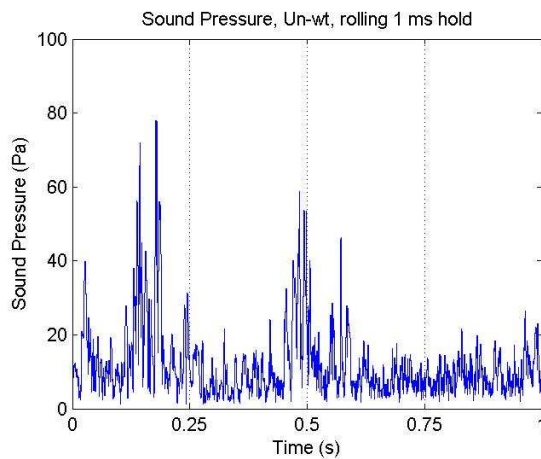
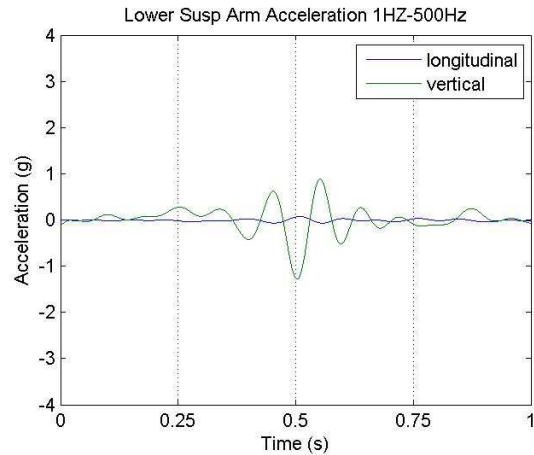
Time: 10-06-36

Marker No: 3

Latitude: -36.998295

Longitude: 174.857565

Speed (km/h): 78.7



Acceleration – Maximum vertical (g): 1.28
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 12.98
Displacement – Maximum longitudinal (mm): 0.75
Noise Peak Sound Pressure (Pa): 77.88
Average sound level, Leq(1s) (dB): 115.63
Average sound level, LAeq(1s) (dB): 110.58
Maximum sound level, Leq(125ms) (dB): 121.02
Maximum sound level, LAeq(125ms) (dBA): 115.27

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

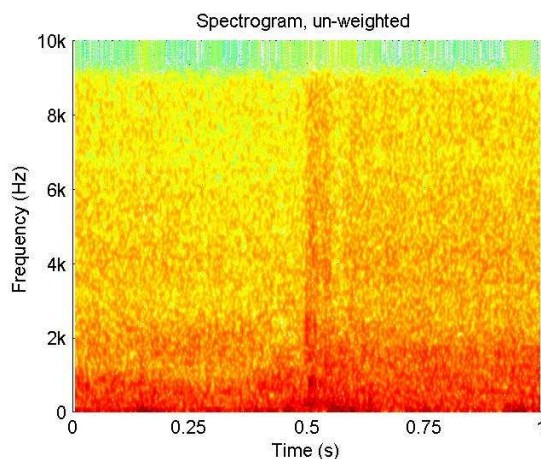
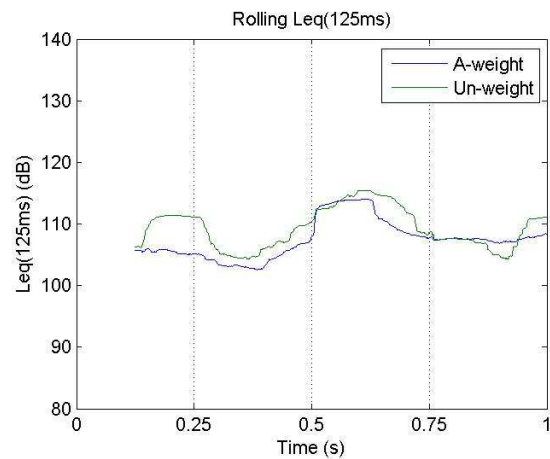
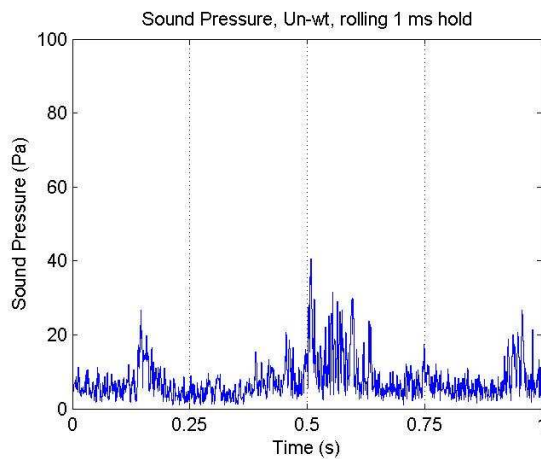
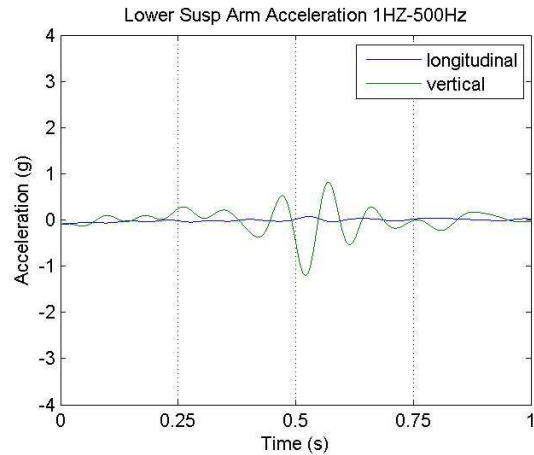
Time: 10-19-58

Marker No: 3

Latitude: -36.998300

Longitude: 174.857600

Speed (km/h): 73.3



Acceleration – Maximum vertical (g): 1.21
Acceleration – Maximum longitudinal (g): 0.09
Displacement – Maximum vertical (mm): 12.22
Displacement – Maximum longitudinal (mm): 0.92
Noise Peak Sound Pressure (Pa): 40.53
Average sound level, Leq(1s) (dB): 110.48
Average sound level, LAeq(1s) (dB): 108.59
Maximum sound level, Leq(125ms) (dB): 115.43
Maximum sound level, LAeq(125ms) (dBA): 114.04

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

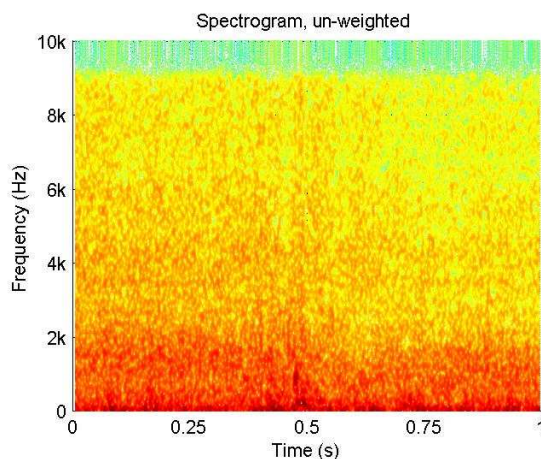
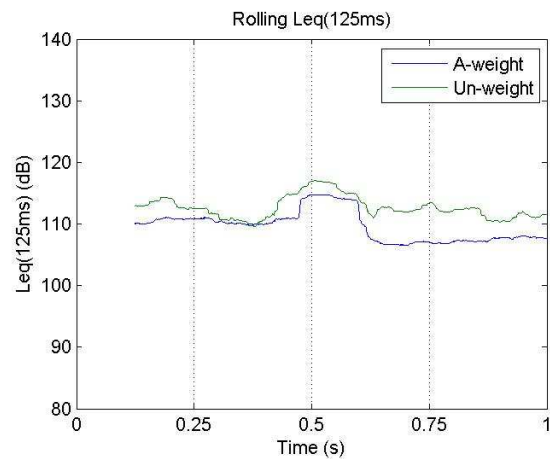
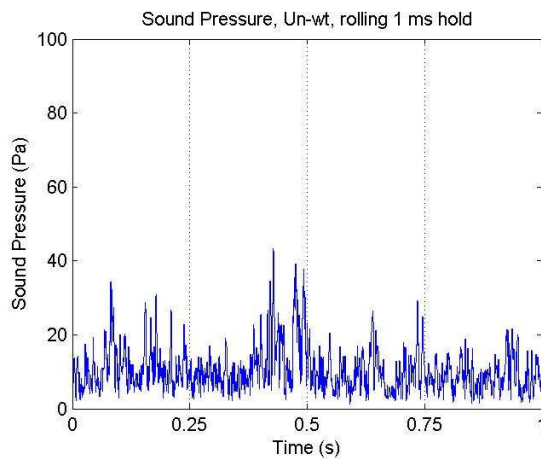
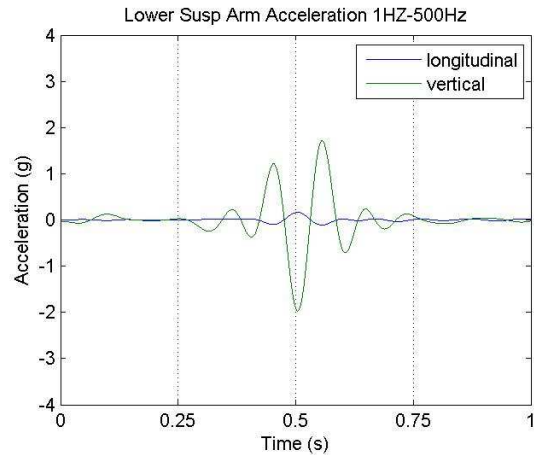
Time: 10-06-36

Marker No: 4

Latitude: -36.998335

Longitude: 174.856825

Speed (km/h): 79.3



Acceleration – Maximum vertical (g): 1.97
Acceleration – Maximum longitudinal (g): 0.17
Displacement – Maximum vertical (mm): 19.97
Displacement – Maximum longitudinal (mm): 1.67
Noise Peak Sound Pressure (Pa): 43.31
Average sound level, Leq(1s) (dB): 112.95
Average sound level, LAeq(1s) (dB): 110.20
Maximum sound level, Leq(125ms) (dB): 117.04
Maximum sound level, LAeq(125ms) (dBA): 114.78

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

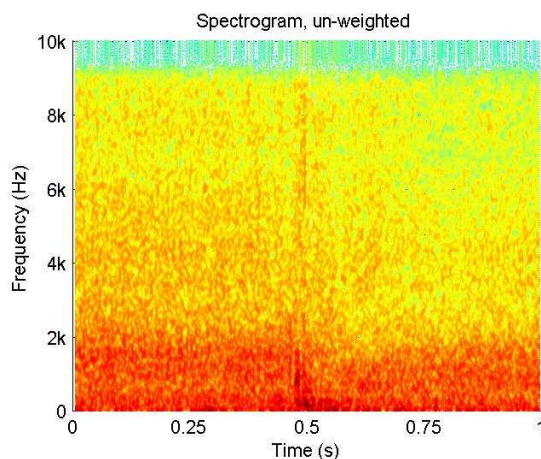
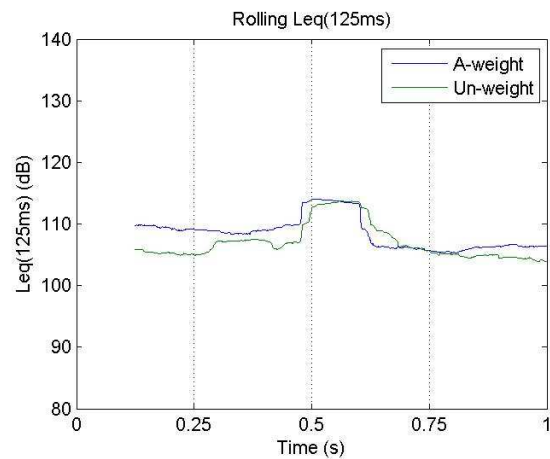
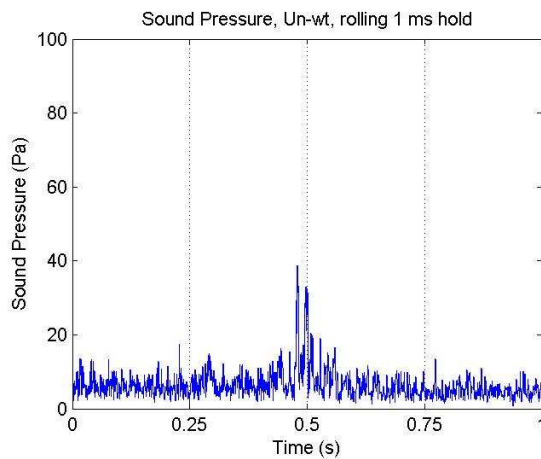
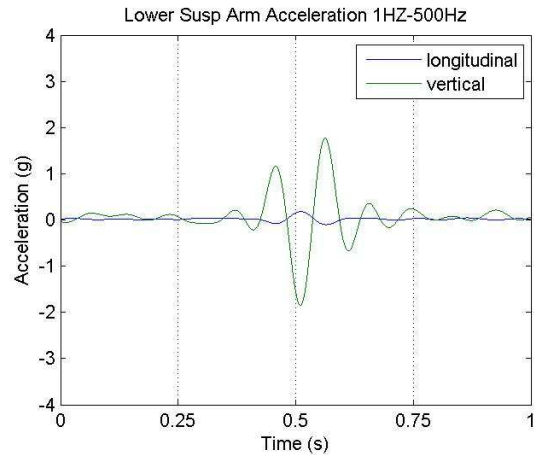
Time: 10-19-58

Marker No: 4

Latitude: -36.998342

Longitude: 174.856628

Speed (km/h): 78.0



Acceleration – Maximum vertical (g): 1.84
Acceleration – Maximum longitudinal (g): 0.18
Displacement – Maximum vertical (mm): 18.68
Displacement – Maximum longitudinal (mm): 1.85
Noise Peak Sound Pressure (Pa): 38.80
Average sound level, Leq(1s) (dB): 107.96
Average sound level, LAeq(1s) (dB): 109.25
Maximum sound level, Leq(125ms) (dB): 113.73
Maximum sound level, LAeq(125ms) (dBA): 114.02

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

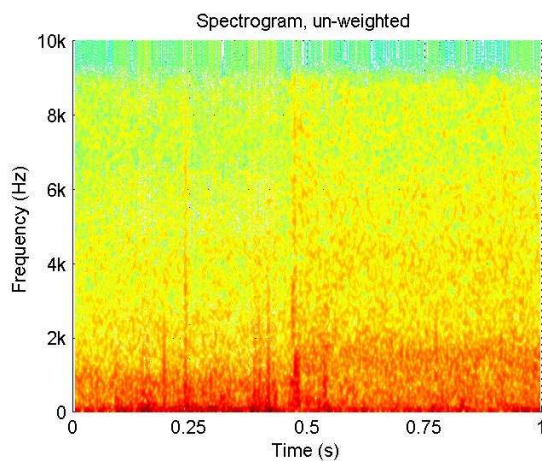
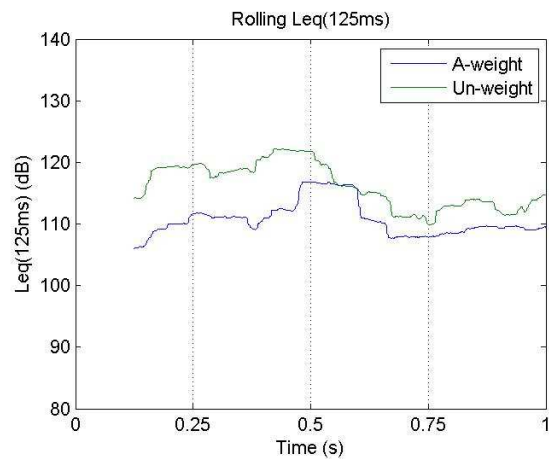
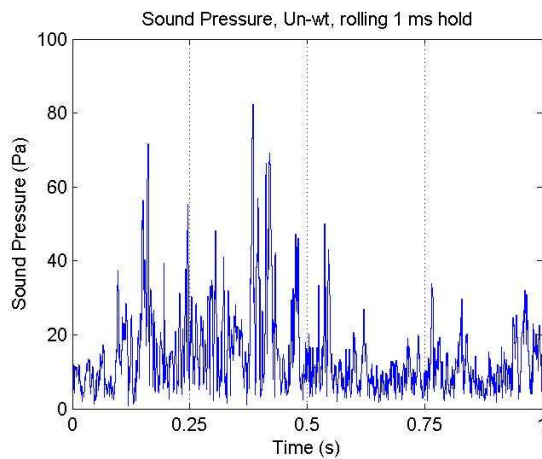
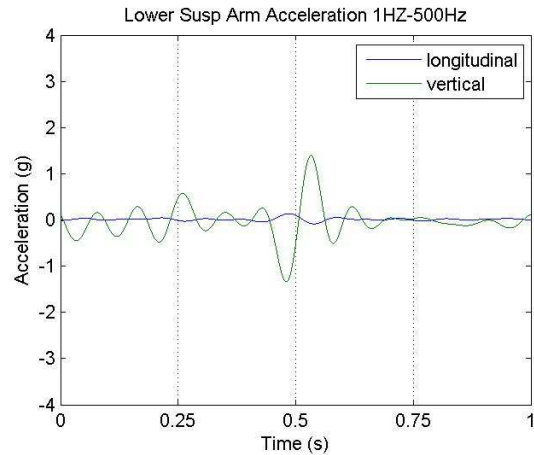
Time: 10-33-05

Marker No: 5

Latitude: -36.998322

Longitude: 174.855873

Speed (km/h): 80.6



Acceleration – Maximum vertical (g): 1.40
Acceleration – Maximum longitudinal (g): 0.13
Displacement – Maximum vertical (mm): 14.17
Displacement – Maximum longitudinal (mm): 1.37
Noise Peak Sound Pressure (Pa): 82.23
Average sound level, Leq(1s) (dB): 117.35
Average sound level, LAeq(1s) (dB): 111.42
Maximum sound level, Leq(125ms) (dB): 122.26
Maximum sound level, LAeq(125ms) (dBA): 116.86

Bridge Structure Number: BSN27

Name: PUHINUI STREAM No.2 BRIDGE

Route Position: 20 0 2.6

Direction: Increasing

Joint Type: rubber seal (solid)

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

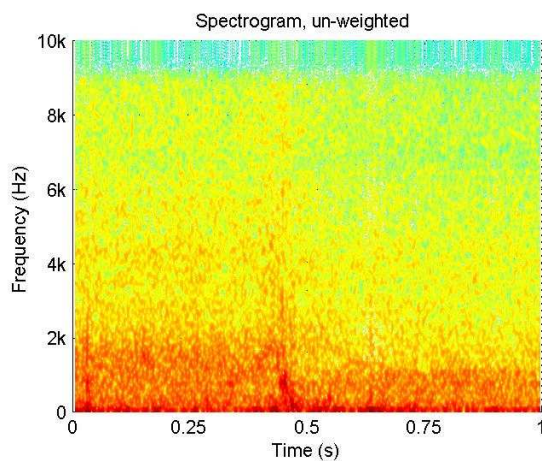
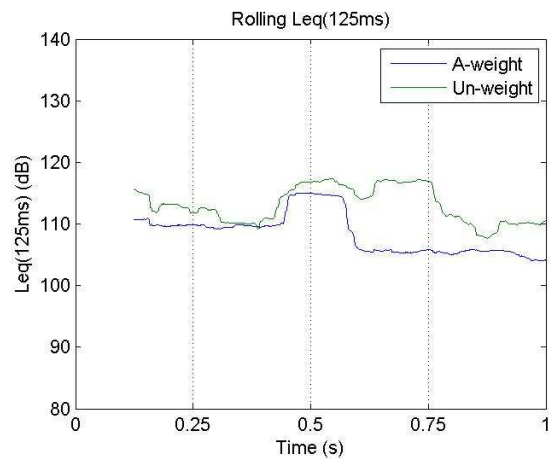
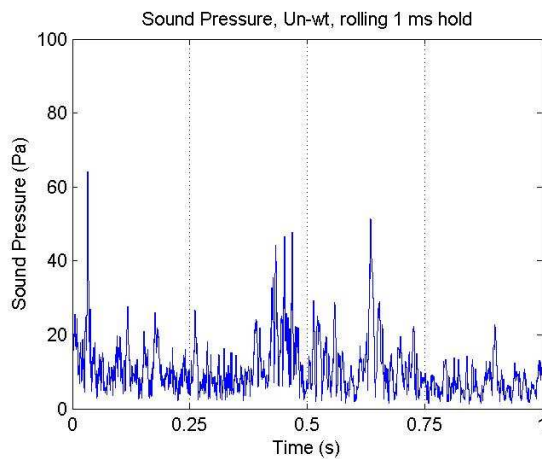
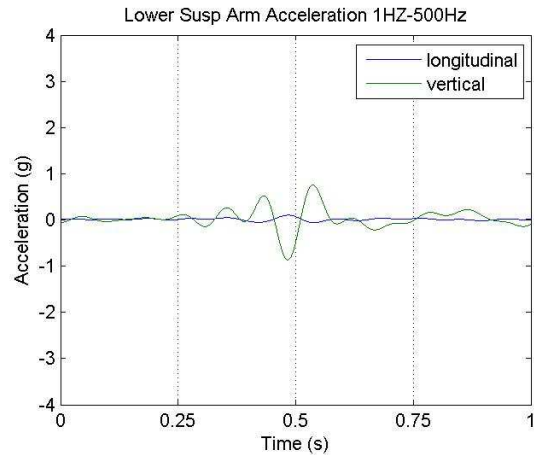
Time: 10-33-05

Marker No: 6

Latitude: -36.998293

Longitude: 174.855120

Speed (km/h): 80.6



Acceleration – Maximum vertical (g): 0.86
Acceleration – Maximum longitudinal (g): 0.10
Displacement – Maximum vertical (mm): 8.75
Displacement – Maximum longitudinal (mm): 1.05
Noise Peak Sound Pressure (Pa): 64.07
Average sound level, Leq(1s) (dB): 114.07
Average sound level, LAeq(1s) (dB): 109.75
Maximum sound level, Leq(125ms) (dB): 117.36
Maximum sound level, LAeq(125ms) (dBA): 114.99

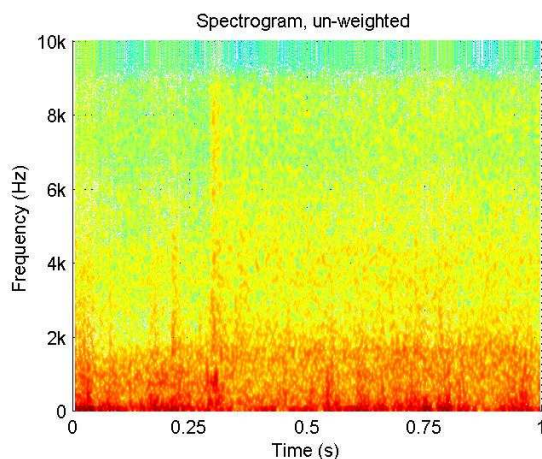
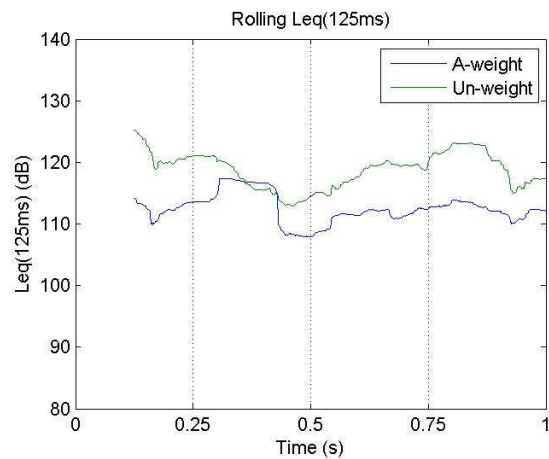
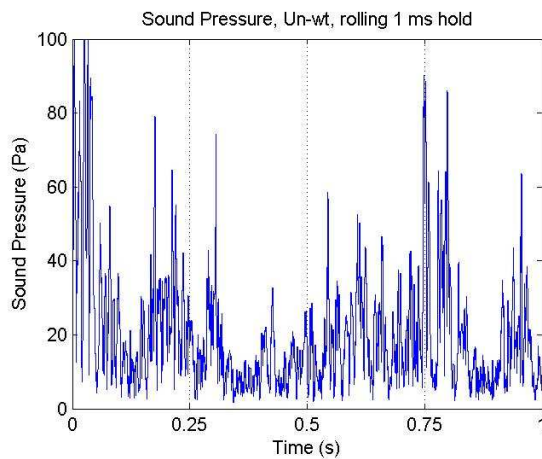
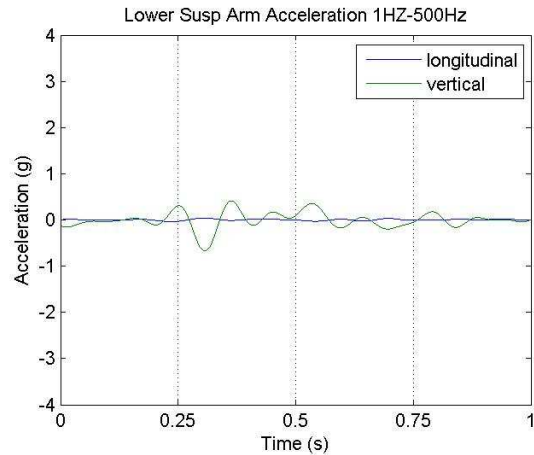
Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (EASTBOUND)
Route Position: 20 0 3.05
Direction: Decreasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-15-36
Marker No: 1

Latitude: -36.997608
Longitude: 174.851725
Speed (km/h): 79.6



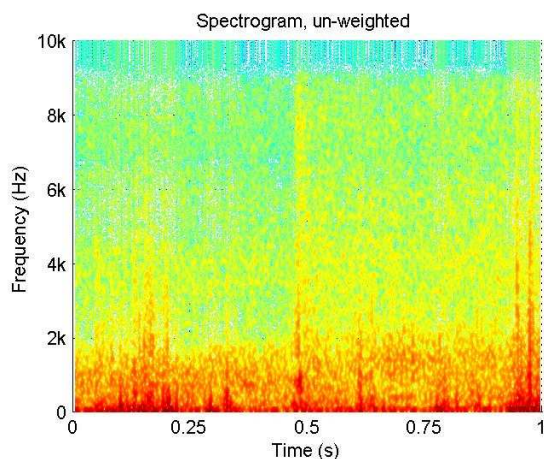
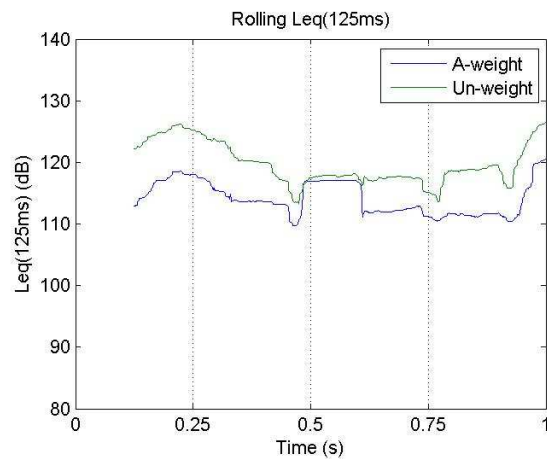
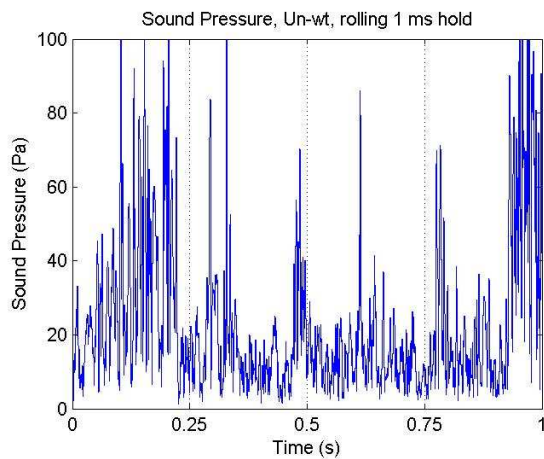
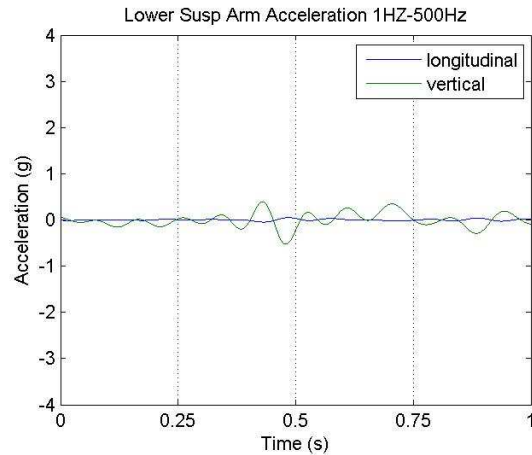
Acceleration – Maximum vertical (g): 0.67
Acceleration – Maximum longitudinal (g): 0.04
Displacement – Maximum vertical (mm): 6.78
Displacement – Maximum longitudinal (mm): 0.43
Noise Peak Sound Pressure (Pa): 121.07
Average sound level, Leq(1s) (dB): 120.62
Average sound level, LAeq(1s) (dB): 113.31
Maximum sound level, Leq(125ms) (dB): 125.25
Maximum sound level, LAeq(125ms) (dBA): 117.40

Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (EASTBOUND)
Route Position: 20 0 3.05
Direction: Decreasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-28-37
Marker No: 1
Latitude: -36.997597
Longitude: 174.851523
Speed (km/h): 80.8



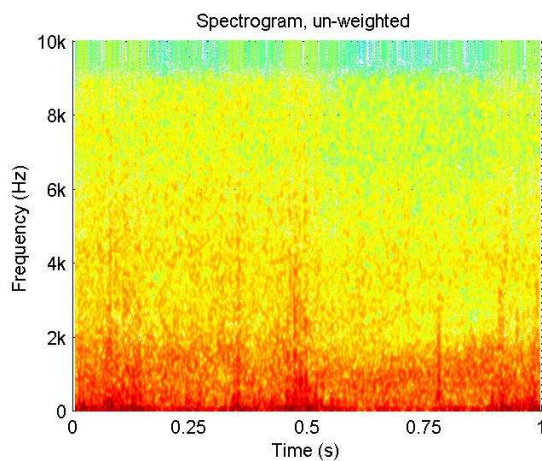
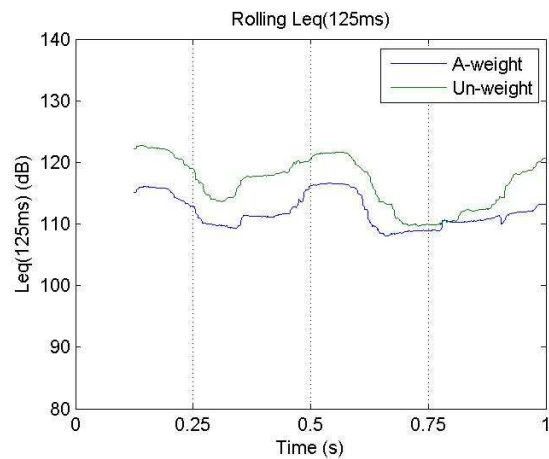
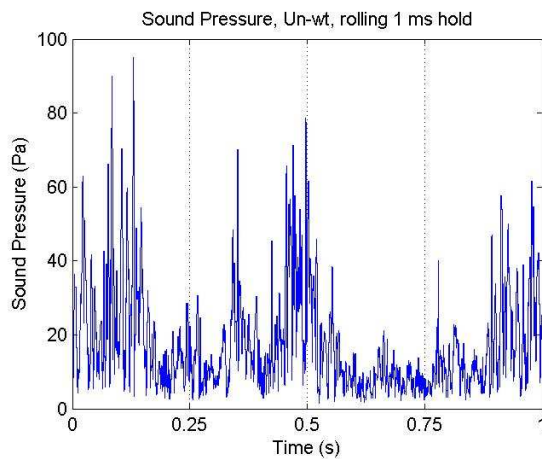
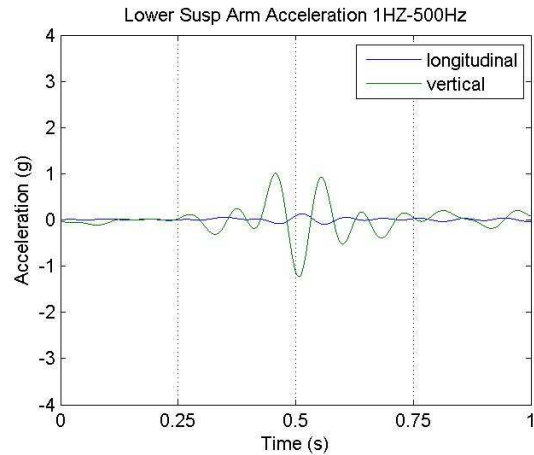
Acceleration – Maximum vertical (g): 0.53
Acceleration – Maximum longitudinal (g): 0.05
Displacement – Maximum vertical (mm): 5.33
Displacement – Maximum longitudinal (mm): 0.52
Noise Peak Sound Pressure (Pa): 145.75
Average sound level, Leq(1s) (dB): 121.99
Average sound level, LAeq(1s) (dB): 115.88
Maximum sound level, Leq(125ms) (dB): 126.43
Maximum sound level, LAeq(125ms) (dBA): 120.48

Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (EASTBOUND)
Route Position: 20 0 3.05
Direction: Decreasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-15-36
Marker No: 2
Latitude: -36.997717
Longitude: 174.852208
Speed (km/h): 80.2



Acceleration – Maximum vertical (g): 1.23
Acceleration – Maximum longitudinal (g): 0.13
Displacement – Maximum vertical (mm): 12.43
Displacement – Maximum longitudinal (mm): 1.35
Noise Peak Sound Pressure (Pa): 95.03
Average sound level, Leq(1s) (dB): 118.86
Average sound level, LAeq(1s) (dB): 112.96
Maximum sound level, Leq(125ms) (dB): 122.79
Maximum sound level, LAeq(125ms) (dBA): 116.59

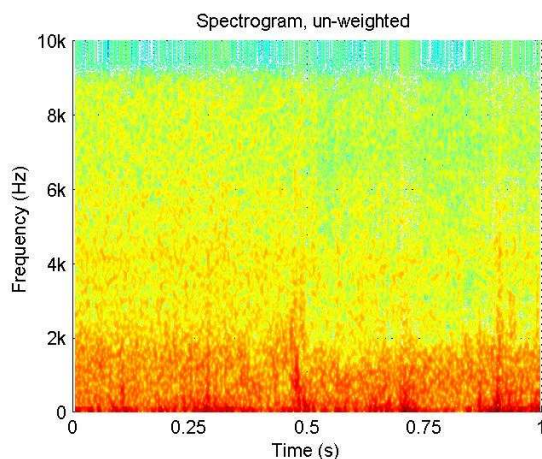
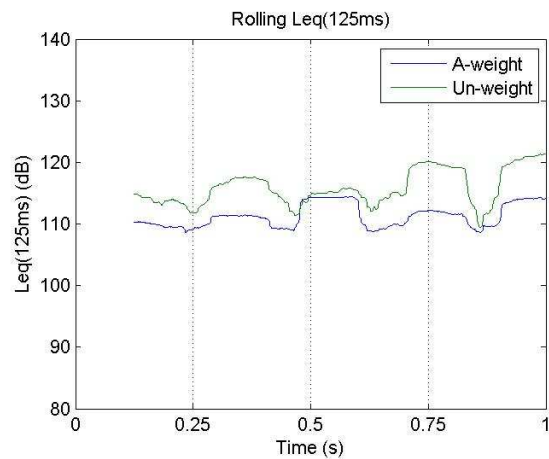
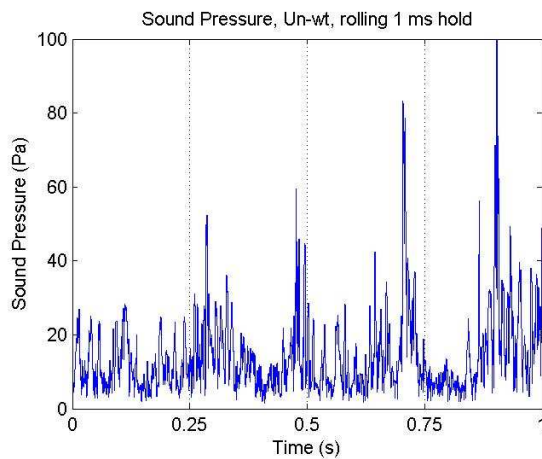
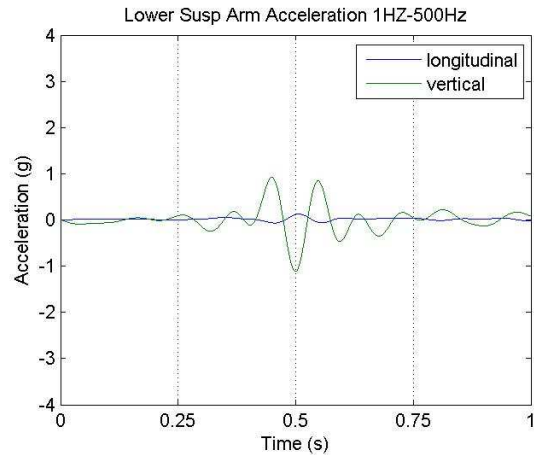
Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (EASTBOUND)
Route Position: 20 0 3.05
Direction: Decreasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-28-37
Marker No: 2

Latitude: -36.997760
Longitude: 174.852250
Speed (km/h): 80.8



Acceleration – Maximum vertical (g): 1.11
Acceleration – Maximum longitudinal (g): 0.13
Displacement – Maximum vertical (mm): 11.30
Displacement – Maximum longitudinal (mm): 1.29
Noise Peak Sound Pressure (Pa): 121.00
Average sound level, Leq(1s) (dB): 117.05
Average sound level, LAeq(1s) (dB): 111.71
Maximum sound level, Leq(125ms) (dB): 121.43
Maximum sound level, LAeq(125ms) (dBA): 114.47

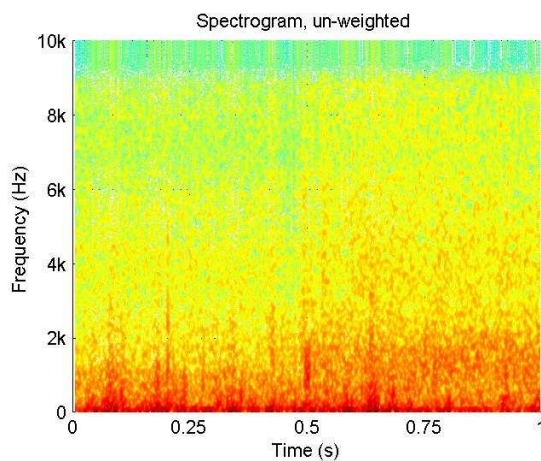
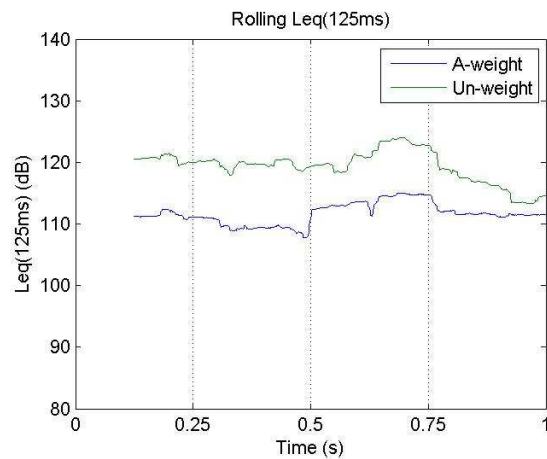
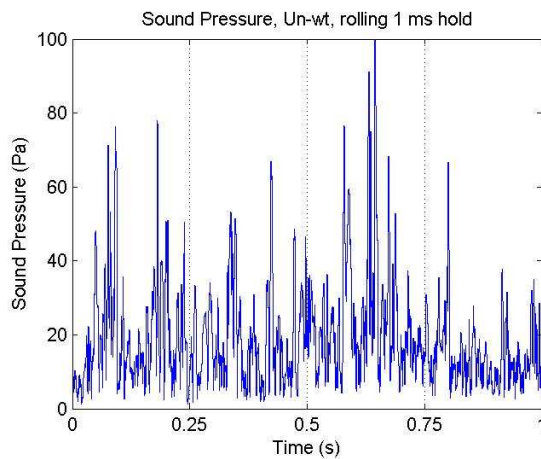
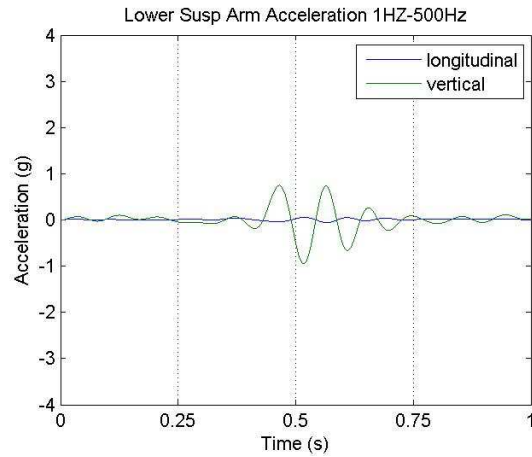
Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (EASTBOUND)
Route Position: 20 0 3.05
Direction: Decreasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-28-37
Marker No: 3

Latitude: -36.997992
Longitude: 174.853710
Speed (km/h): 79.6



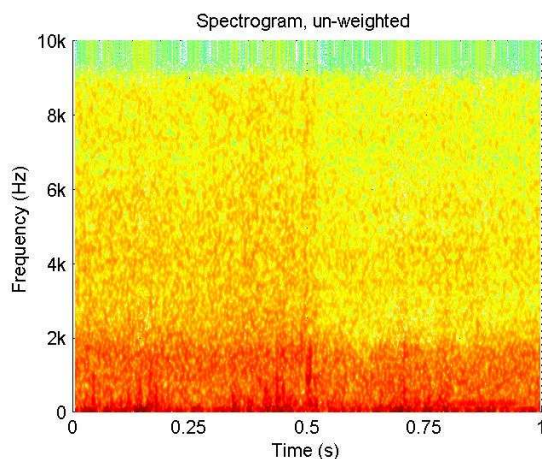
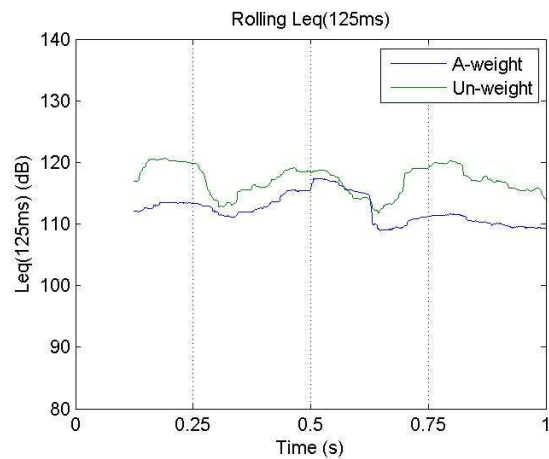
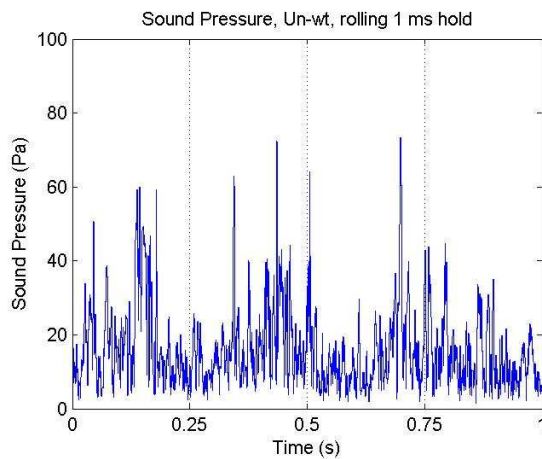
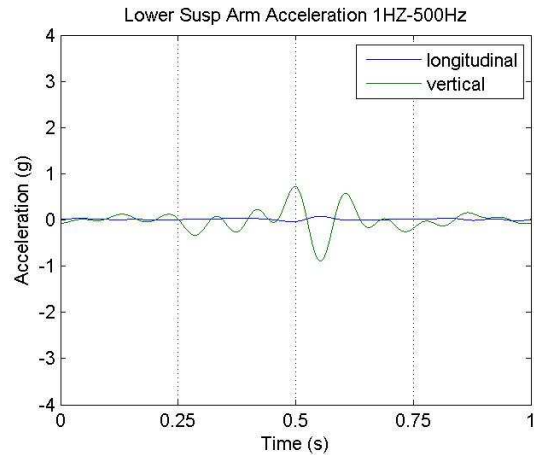
Acceleration – Maximum vertical (g): 0.95
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 9.58
Displacement – Maximum longitudinal (mm): 0.58
Noise Peak Sound Pressure (Pa): 109.11
Average sound level, Leq(1s) (dB): 119.86
Average sound level, LAeq(1s) (dB): 111.89
Maximum sound level, Leq(125ms) (dB): 124.02
Maximum sound level, LAeq(125ms) (dBA): 114.99

Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (EASTBOUND)
Route Position: 20 0 3.05
Direction: Decreasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-28-37
Marker No: 4
Latitude: -36.997992
Longitude: 174.853710
Speed (km/h): 79.6



Acceleration – Maximum vertical (g): 0.89
Acceleration – Maximum longitudinal (g): 0.08
Displacement – Maximum vertical (mm): 9.06
Displacement – Maximum longitudinal (mm): 0.78
Noise Peak Sound Pressure (Pa): 73.34
Average sound level, Leq(1s) (dB): 117.45
Average sound level, LAeq(1s) (dB): 112.76
Maximum sound level, Leq(125ms) (dB): 120.62
Maximum sound level, LAeq(125ms) (dBA): 117.36

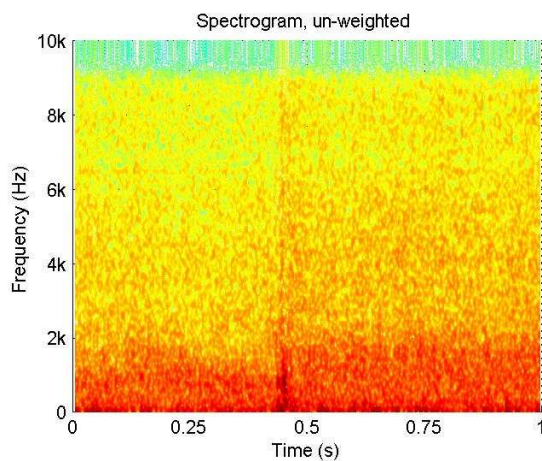
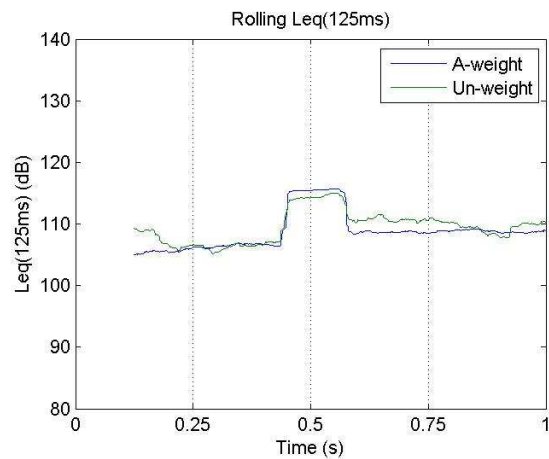
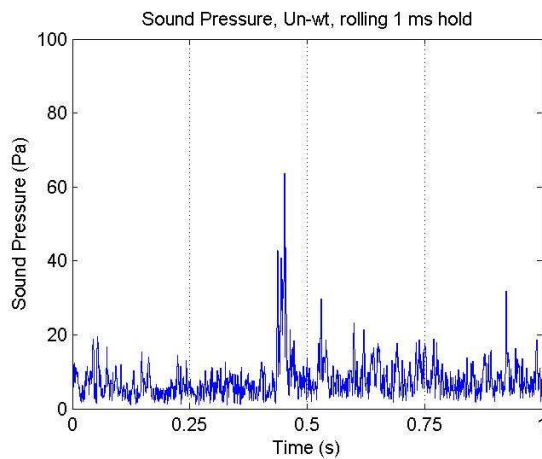
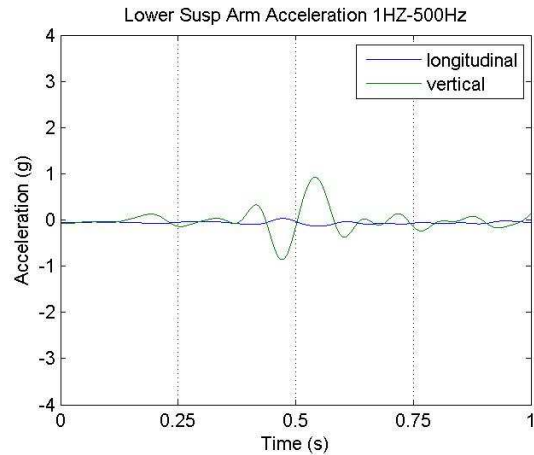
Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (WESTBOUND)
Route Position: 20 0 3.05
Direction: Increasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-21-19
Marker No: 1

Latitude: -36.998048
Longitude: 174.852762
Speed (km/h): 77.4



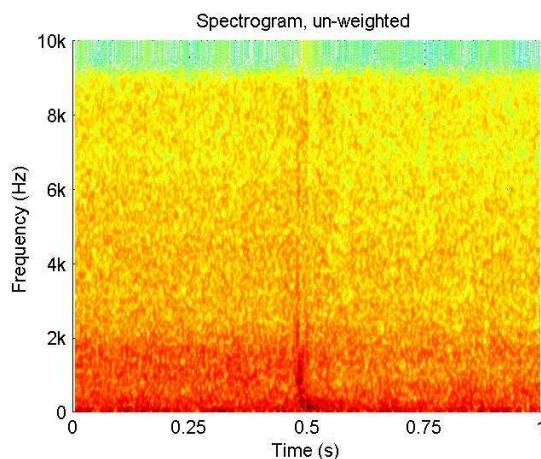
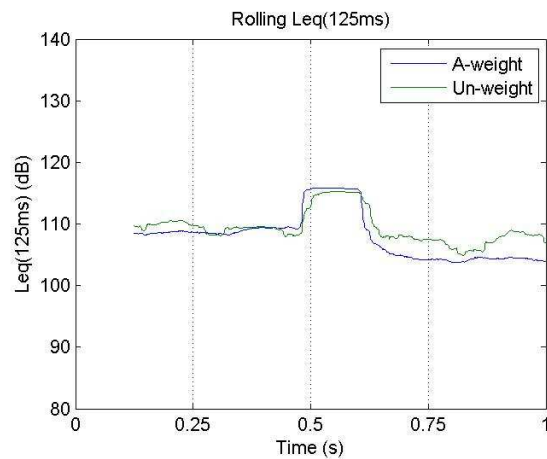
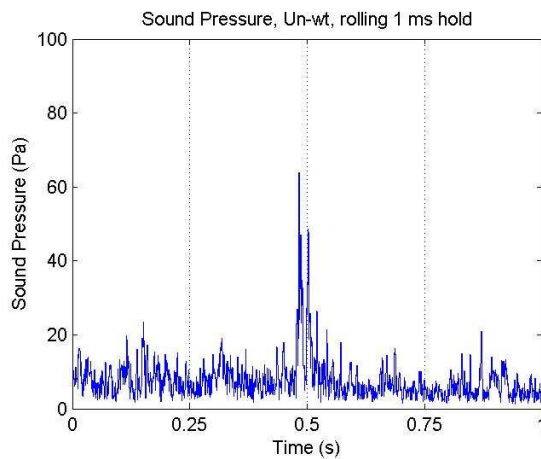
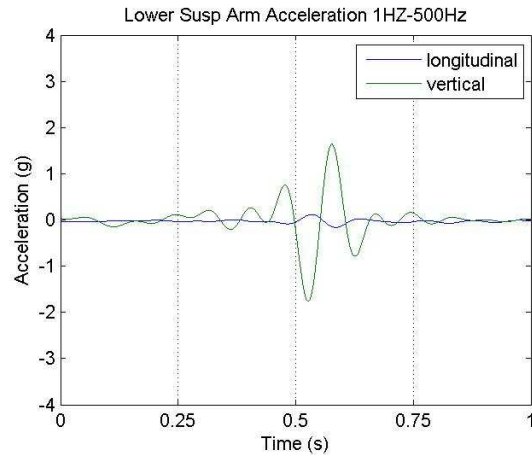
Acceleration – Maximum vertical (g): 0.92
Acceleration – Maximum longitudinal (g): 0.14
Displacement – Maximum vertical (mm): 9.38
Displacement – Maximum longitudinal (mm): 1.39
Noise Peak Sound Pressure (Pa): 63.64
Average sound level, Leq(1s) (dB): 110.29
Average sound level, LAeq(1s) (dB): 109.85
Maximum sound level, Leq(125ms) (dB): 114.99
Maximum sound level, LAeq(125ms) (dBA): 115.66

Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (WESTBOUND)
Route Position: 20 0 3.05
Direction: Increasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-21-19
Marker No: 2
Latitude: -36.997910
Longitude: 174.852048
Speed (km/h): 78.5



Acceleration – Maximum vertical (g): 1.76
Acceleration – Maximum longitudinal (g): 0.16
Displacement – Maximum vertical (mm): 17.84
Displacement – Maximum longitudinal (mm): 1.65
Noise Peak Sound Pressure (Pa): 63.90
Average sound level, Leq(1s) (dB): 110.11
Average sound level, LAeq(1s) (dB): 109.65
Maximum sound level, Leq(125ms) (dB): 115.28
Maximum sound level, LAeq(125ms) (dBA): 115.86

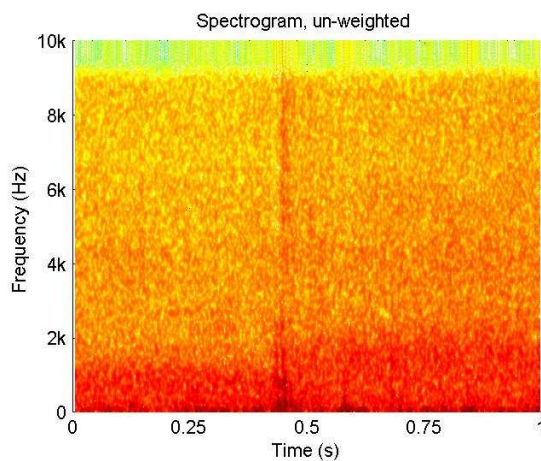
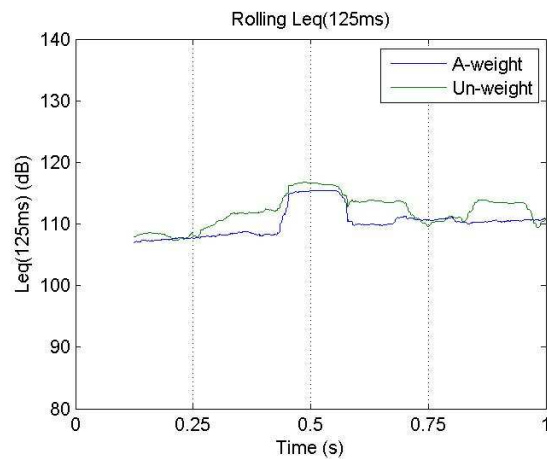
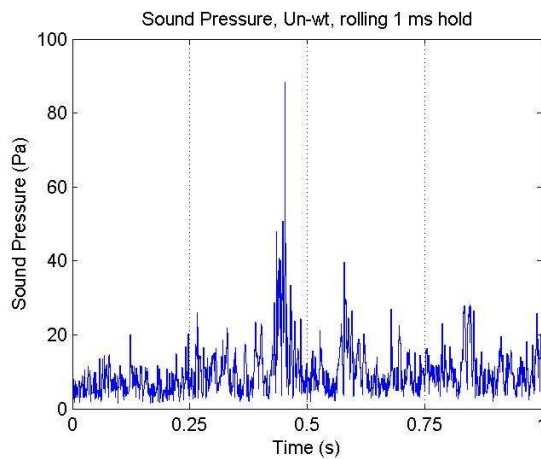
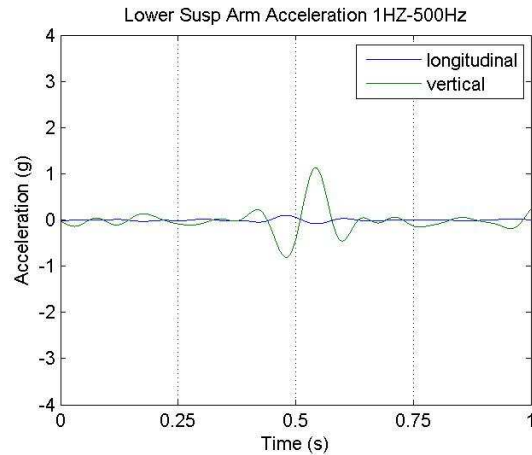
Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (WESTBOUND)
Route Position: 20 0 3.05
Direction: Increasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-06-36
Marker No: 5

Latitude: -36.998035
Longitude: 174.852678
Speed (km/h): 79.8



Acceleration – Maximum vertical (g): 1.13
Acceleration – Maximum longitudinal (g): 0.10
Displacement – Maximum vertical (mm): 11.46
Displacement – Maximum longitudinal (mm): 1.03
Noise Peak Sound Pressure (Pa): 88.24
Average sound level, Leq(1s) (dB): 112.56
Average sound level, LAeq(1s) (dB): 110.82
Maximum sound level, Leq(125ms) (dB): 116.83
Maximum sound level, LAeq(125ms) (dBA): 115.47

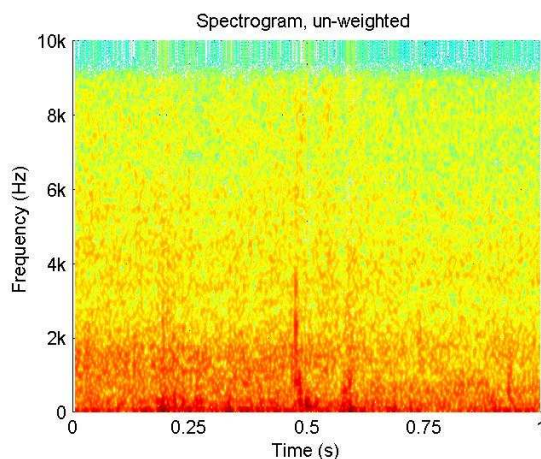
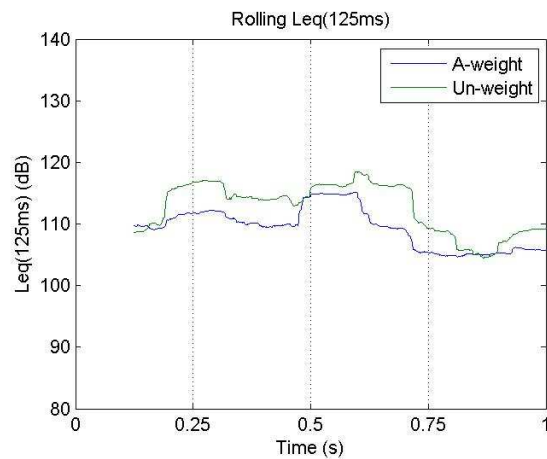
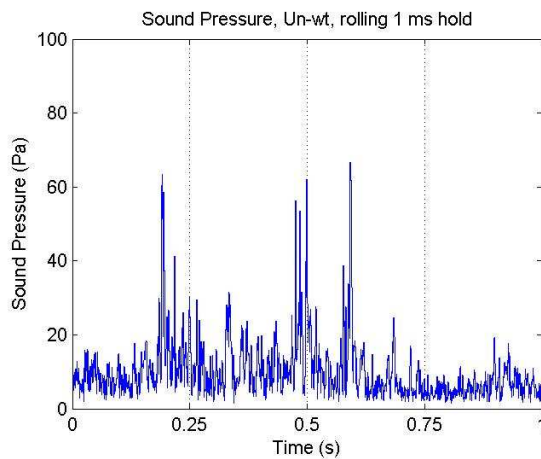
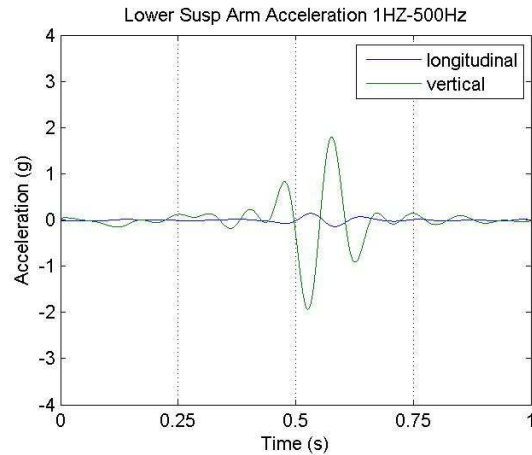
Bridge Structure Number: BSN30

Name: CAVENDISH DRIVE BRIDGE (WESTBOUND)
Route Position: 20 0 3.05
Direction: Increasing
Joint Type: rubber seal (solid)
Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch
Date: 15-05-13
Time: 10-06-36
Marker No: 6

Latitude: -36.997892
Longitude: 174.851960
Speed (km/h): 79.1



Acceleration – Maximum vertical (g): 1.93
Acceleration – Maximum longitudinal (g): 0.14
Displacement – Maximum vertical (mm): 19.62
Displacement – Maximum longitudinal (mm): 1.46
Noise Peak Sound Pressure (Pa): 66.74
Average sound level, Leq(1s) (dB): 113.74
Average sound level, LAeq(1s) (dB): 110.31
Maximum sound level, Leq(125ms) (dB): 118.44
Maximum sound level, LAeq(125ms) (dBA): 115.17

Bridge Structure Number: BSN53

Name: NORTHBOUND

Route Position: 20 0 5.35

Direction: Increasing

Joint Type: rubber seals + vert. steel plates

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

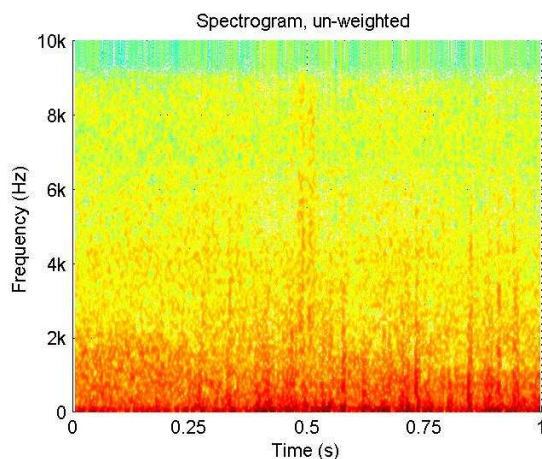
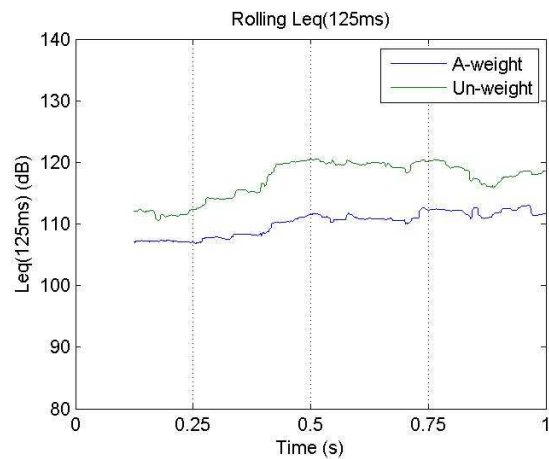
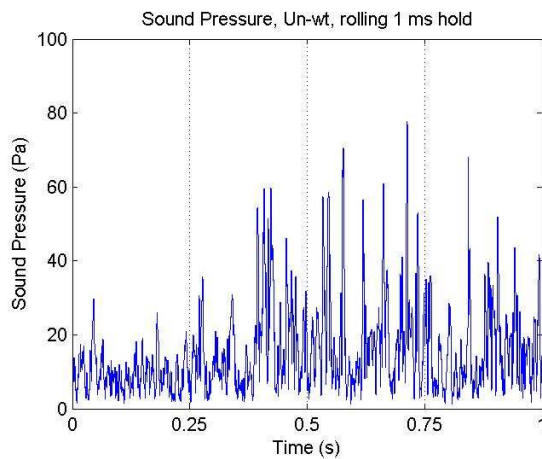
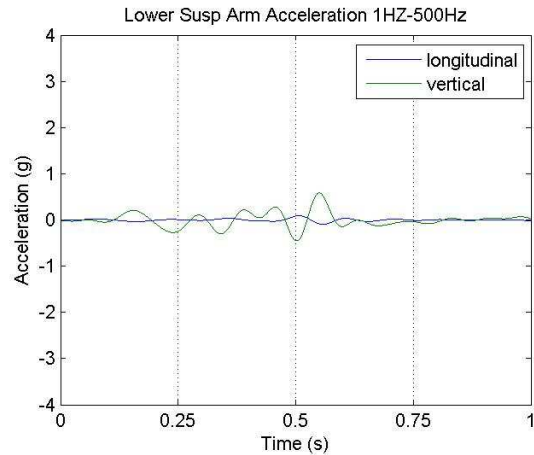
Time: 10-22-02

Marker No: 1

Latitude: -36.993723

Longitude: 174.843703

Speed (km/h): 78.7



Acceleration – Maximum vertical (g): 0.59
Acceleration – Maximum longitudinal (g): 0.10
Displacement – Maximum vertical (mm): 5.94
Displacement – Maximum longitudinal (mm): 0.97
Noise Peak Sound Pressure (Pa): 77.63
Average sound level, Leq(1s) (dB): 117.89
Average sound level, LAeq(1s) (dB): 110.39
Maximum sound level, Leq(125ms) (dB): 120.56
Maximum sound level, LAeq(125ms) (dBA): 113.05

Bridge Structure Number: BSN53

Name: NORTHBOUND

Route Position: 20 0 5.35

Direction: Increasing

Joint Type: rubber seals + vert. steel plates

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

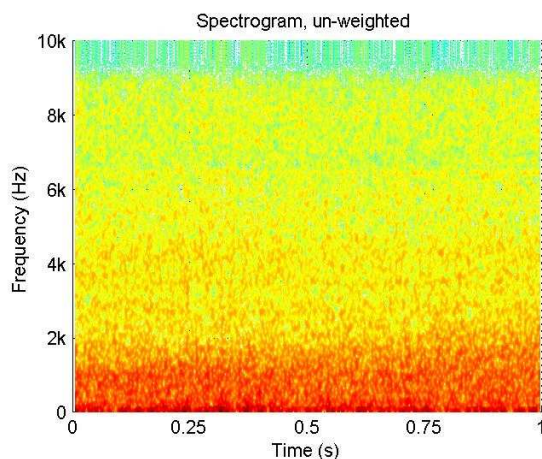
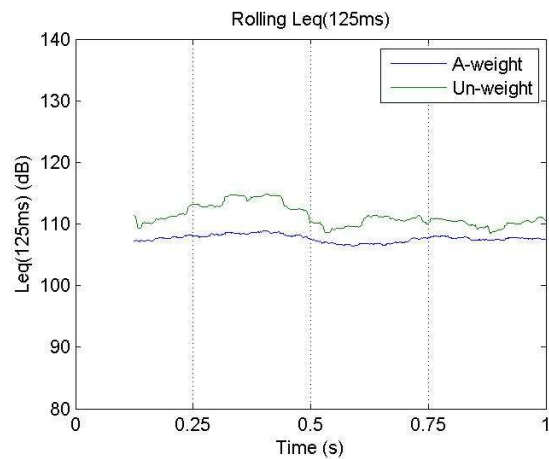
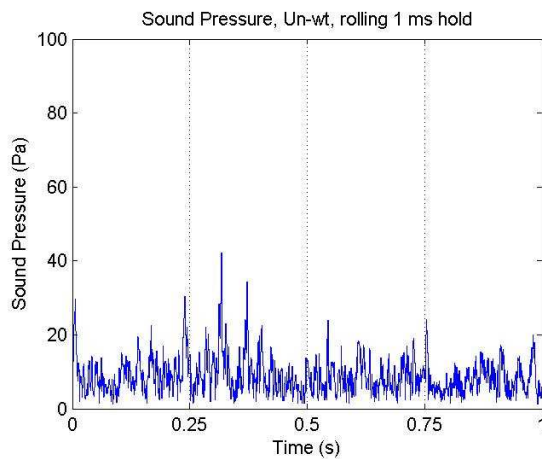
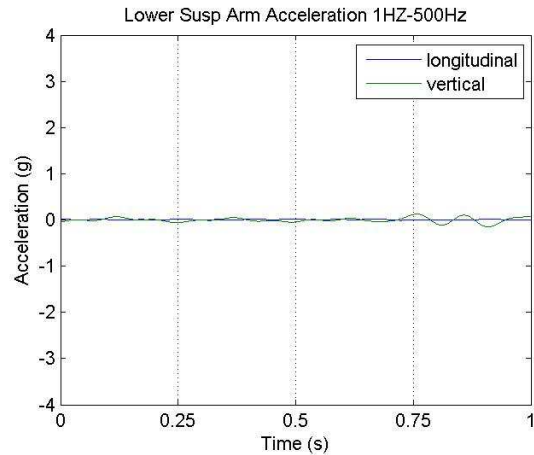
Time: 10-34-32

Marker No: 1

Latitude: -36.994188

Longitude: 174.844272

Speed (km/h): 81.1



Acceleration – Maximum vertical (g): 0.15
Acceleration – Maximum longitudinal (g): 0.03
Displacement – Maximum vertical (mm): 1.52
Displacement – Maximum longitudinal (mm): 0.27
Noise Peak Sound Pressure (Pa): 42.07
Average sound level, Leq(1s) (dB): 111.63
Average sound level, LAeq(1s) (dB): 107.64
Maximum sound level, Leq(125ms) (dB): 114.92
Maximum sound level, LAeq(125ms) (dBA): 108.89

Bridge Structure Number: BSN53

Name: NORTHBOUND

Route Position: 20 0 5.35

Direction: Increasing

Joint Type: rubber seals + vert. steel plates

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

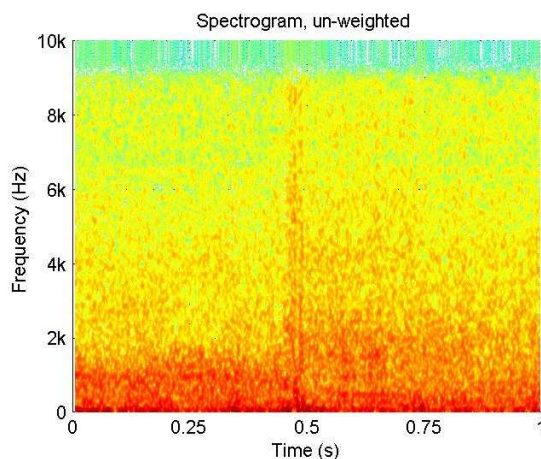
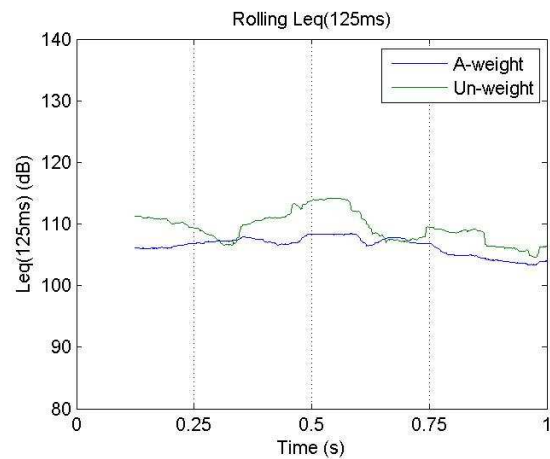
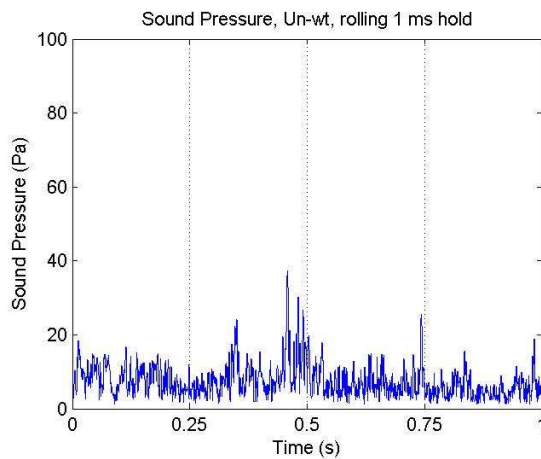
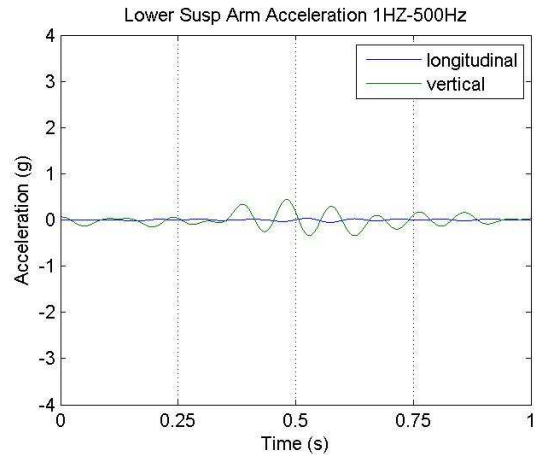
Time: 10-22-02

Marker No: 2

Latitude: -36.993312

Longitude: 174.843173

Speed (km/h): 78.9



Acceleration – Maximum vertical (g): 0.44
Acceleration – Maximum longitudinal (g): 0.05
Displacement – Maximum vertical (mm): 4.50
Displacement – Maximum longitudinal (mm): 0.53
Noise Peak Sound Pressure (Pa): 37.22
Average sound level, Leq(1s) (dB): 110.12
Average sound level, LAeq(1s) (dB): 106.54
Maximum sound level, Leq(125ms) (dB): 114.16
Maximum sound level, LAeq(125ms) (dBA): 108.49

Bridge Structure Number: BSN53

Name: NORTHBOUND

Route Position: 20 0 5.35

Direction: Increasing

Joint Type: rubber seals + vert. steel plates

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

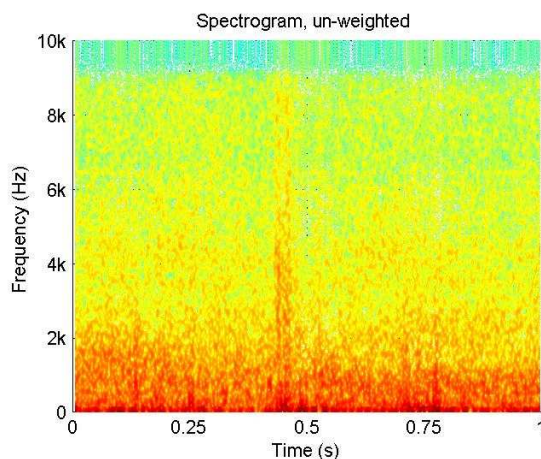
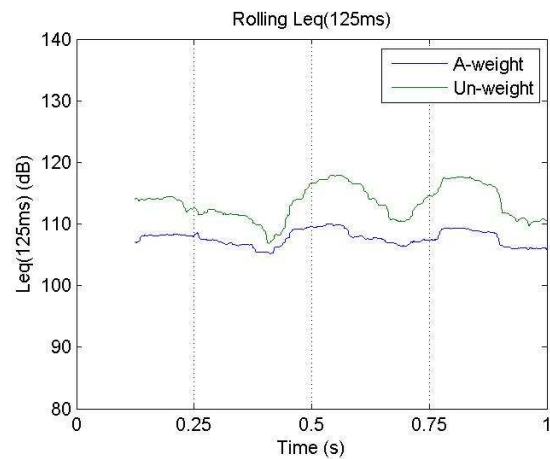
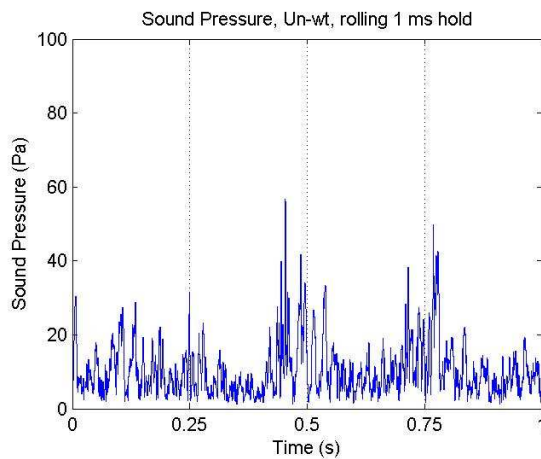
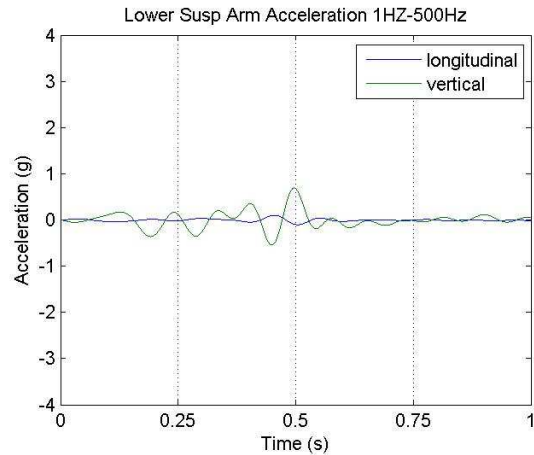
Time: 10-34-32

Marker No: 2

Latitude: -36.993767

Longitude: 174.843727

Speed (km/h): 80.6



Acceleration – Maximum vertical (g): 0.69
Acceleration – Maximum longitudinal (g): 0.10
Displacement – Maximum vertical (mm): 7.03
Displacement – Maximum longitudinal (mm): 1.06
Noise Peak Sound Pressure (Pa): 56.59
Average sound level, Leq(1s) (dB): 114.15
Average sound level, LAeq(1s) (dB): 107.72
Maximum sound level, Leq(125ms) (dB): 117.96
Maximum sound level, LAeq(125ms) (dBA): 110.07

Bridge Structure Number: BSN53

Name: NORTHBOUND

Route Position: 20 0 5.35

Direction: Increasing

Joint Type: rubber seals + vert. steel plates

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

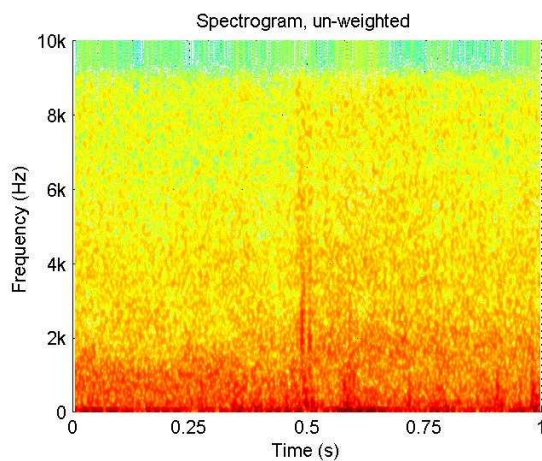
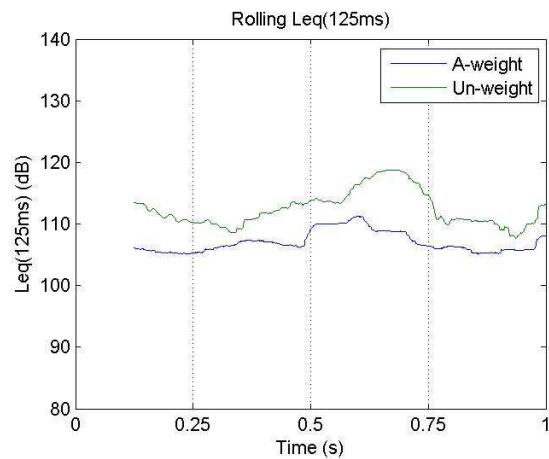
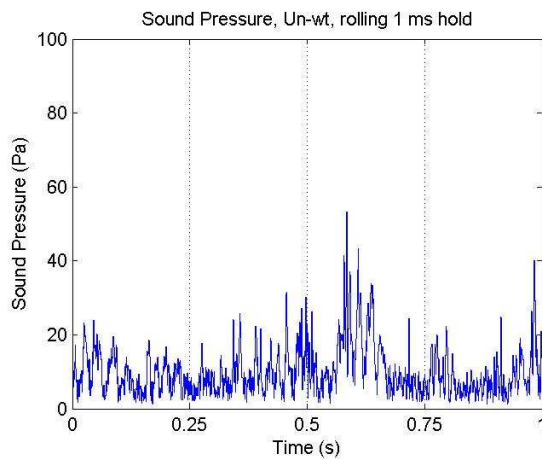
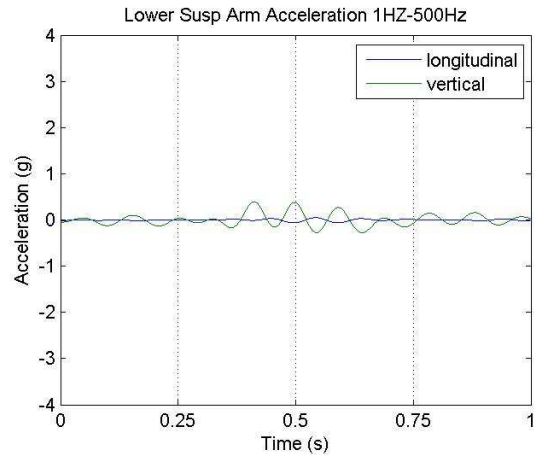
Time: 10-34-32

Marker No: 3

Latitude: -36.993347

Longitude: 174.843185

Speed (km/h): 80.6



Acceleration – Maximum vertical (g): 0.39
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 4.00
Displacement – Maximum longitudinal (mm): 0.64
Noise Peak Sound Pressure (Pa): 53.33
Average sound level, Leq(1s) (dB): 113.62
Average sound level, LAeq(1s) (dB): 107.44
Maximum sound level, Leq(125ms) (dB): 118.74
Maximum sound level, LAeq(125ms) (dBA): 111.22

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Decreasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

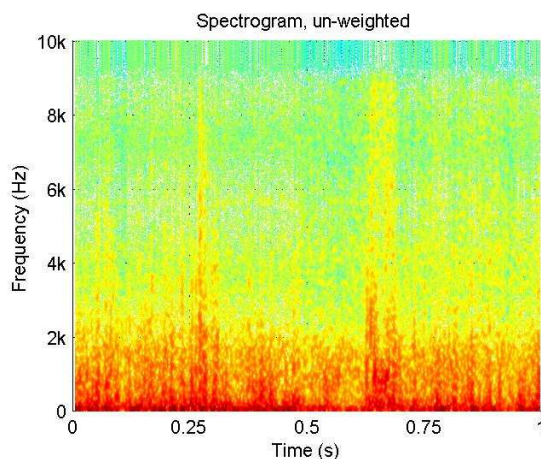
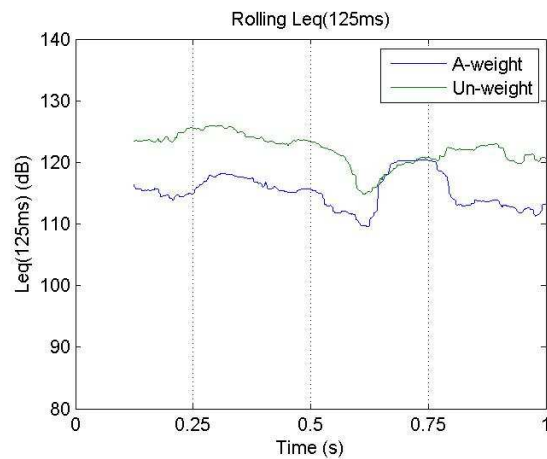
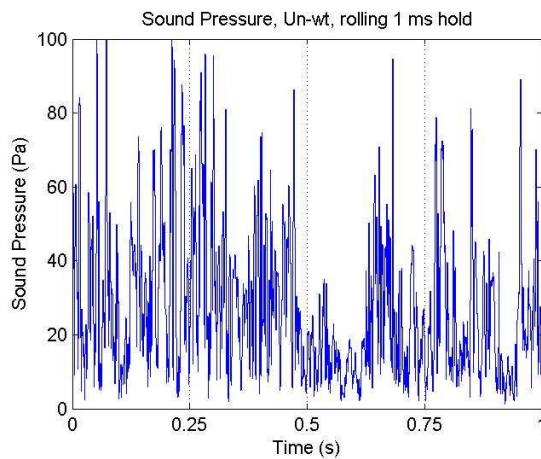
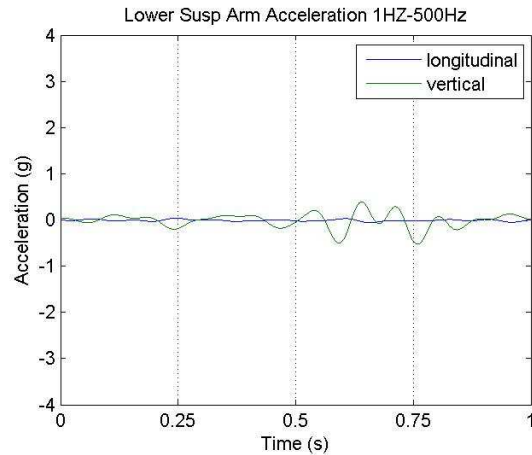
Time: 11:42:13

Marker No: 1

Latitude: -36.785448

Longitude: 174.665518

Speed (km/h): 79.5



Acceleration – Maximum vertical (g): 0.53
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 5.33
Displacement – Maximum longitudinal (mm): 0.61
Noise Peak Sound Pressure (Pa): 112.24
Average sound level, Leq(1s) (dB): 122.78
Average sound level, LAeq(1s) (dB): 116.11
Maximum sound level, Leq(125ms) (dB): 125.97
Maximum sound level, LAeq(125ms) (dBA): 120.38

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Decreasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

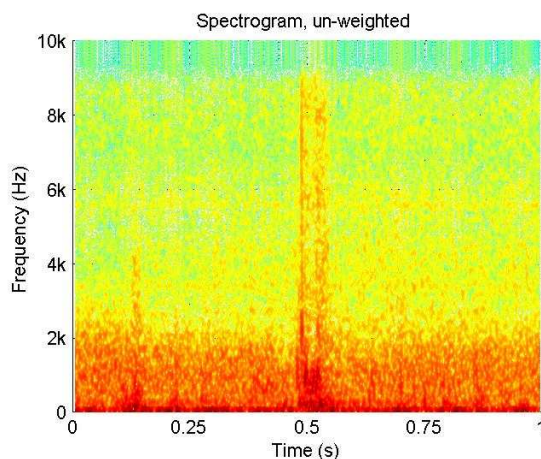
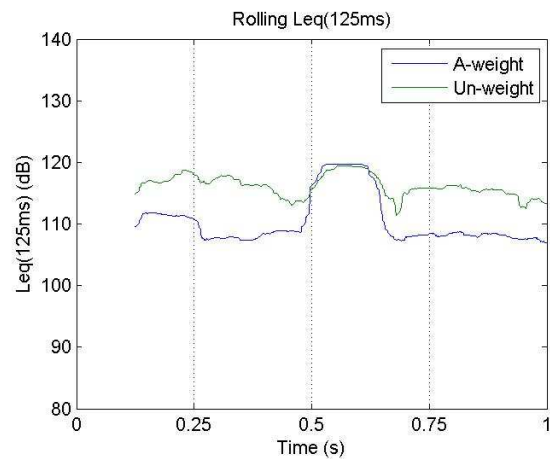
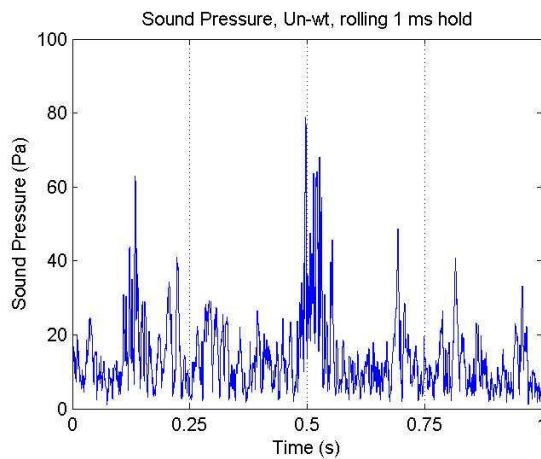
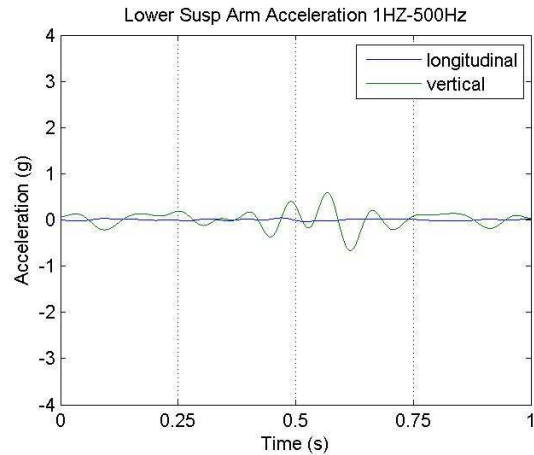
Time: 11:52:56

Marker No: 1

Latitude: -36.785498

Longitude: 174.665342

Speed (km/h): 78.9



Acceleration – Maximum vertical (g): 0.67
Acceleration – Maximum longitudinal (g): 0.05
Displacement – Maximum vertical (mm): 6.78
Displacement – Maximum longitudinal (mm): 0.47
Noise Peak Sound Pressure (Pa): 78.98
Average sound level, Leq(1s) (dB): 116.28
Average sound level, LAeq(1s) (dB): 112.65
Maximum sound level, Leq(125ms) (dB): 119.46
Maximum sound level, LAeq(125ms) (dBA): 119.76

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Decreasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

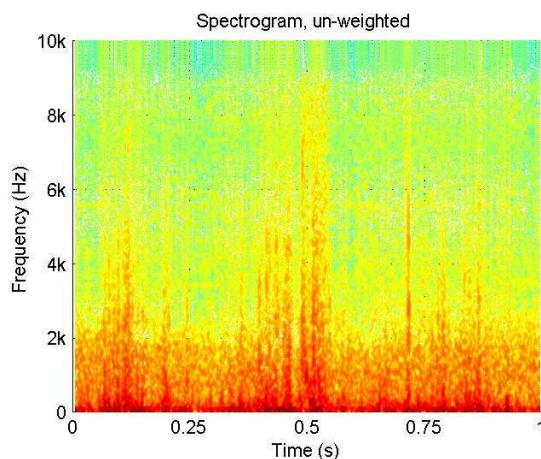
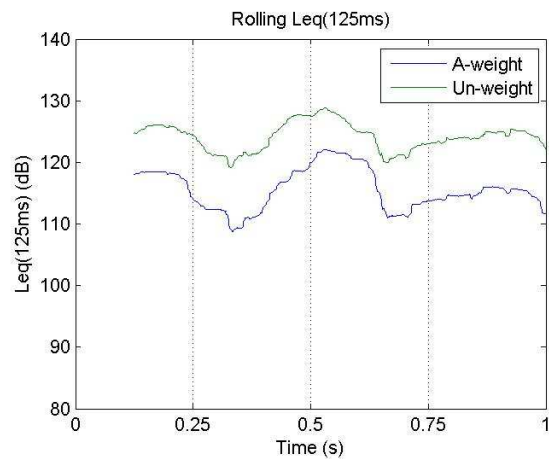
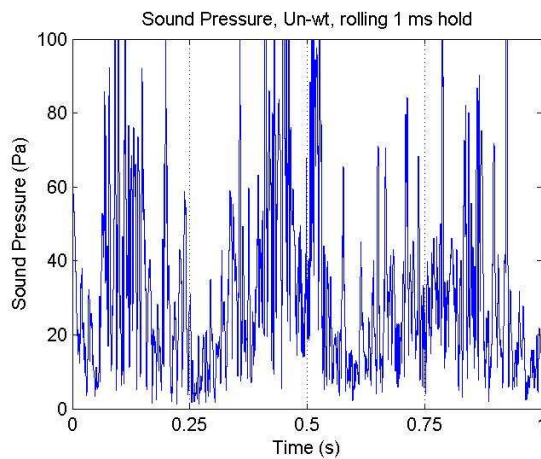
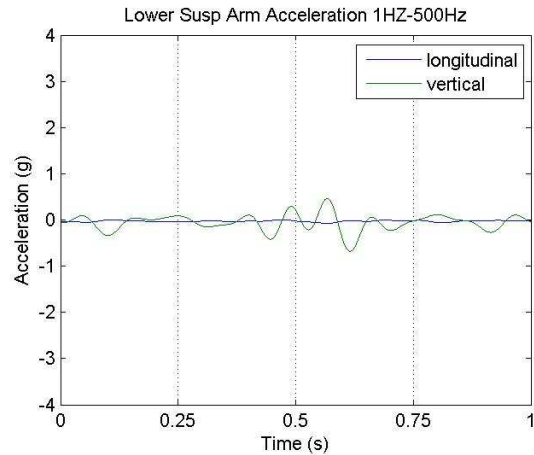
Time: 12:03:16

Marker No: 1

Latitude: -36.785460

Longitude: 174.665490

Speed (km/h): 80.0



Acceleration – Maximum vertical (g): 0.68
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 6.85
Displacement – Maximum longitudinal (mm): 0.72
Noise Peak Sound Pressure (Pa): 177.31
Average sound level, Leq(1s) (dB): 124.51
Average sound level, LAeq(1s) (dB): 116.55
Maximum sound level, Leq(125ms) (dB): 128.82
Maximum sound level, LAeq(125ms) (dBA): 122.04

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Decreasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

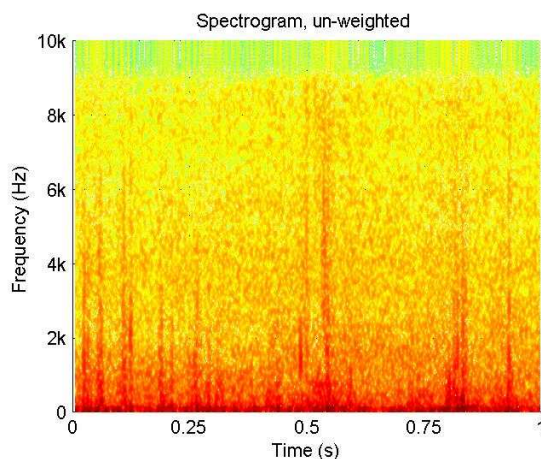
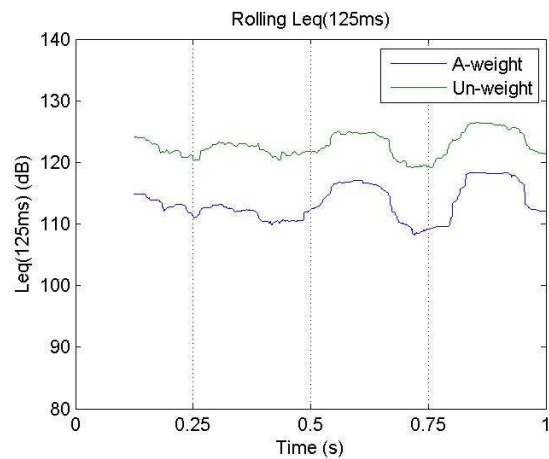
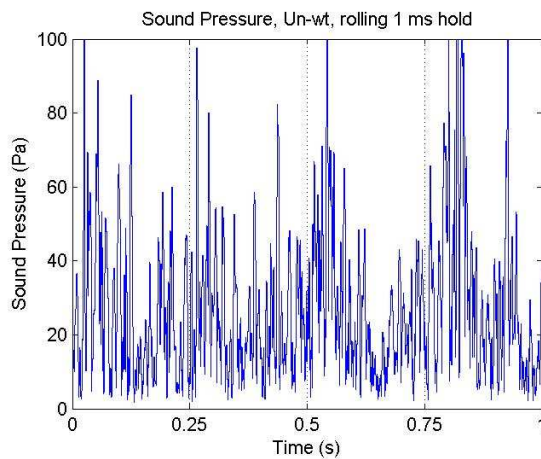
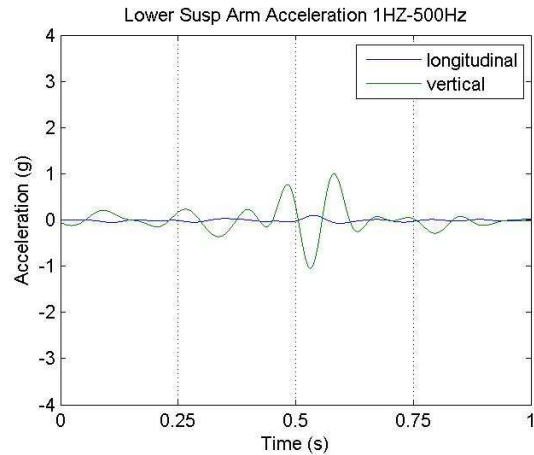
Time: 11:42:13

Marker No: 2

Latitude: -36.784302

Longitude: 174.670270

Speed (km/h): 80.9



Acceleration – Maximum vertical (g): 1.05
Acceleration – Maximum longitudinal (g): 0.10
Displacement – Maximum vertical (mm): 10.63
Displacement – Maximum longitudinal (mm): 1.00
Noise Peak Sound Pressure (Pa): 139.25
Average sound level, Leq(1s) (dB): 123.16
Average sound level, LAeq(1s) (dB): 114.26
Maximum sound level, Leq(125ms) (dB): 126.45
Maximum sound level, LAeq(125ms) (dBA): 118.30

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Decreasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

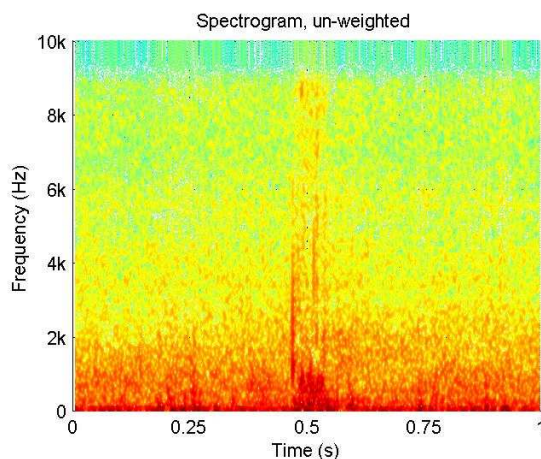
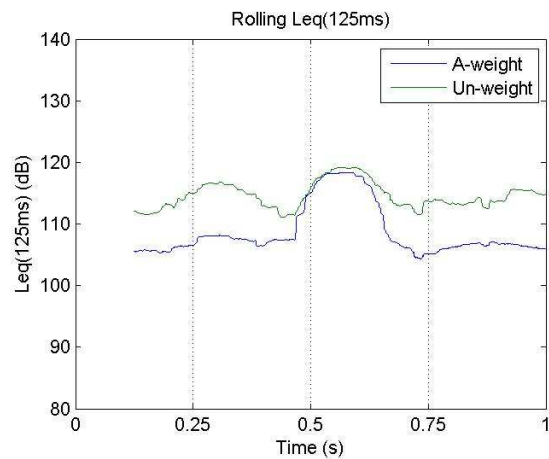
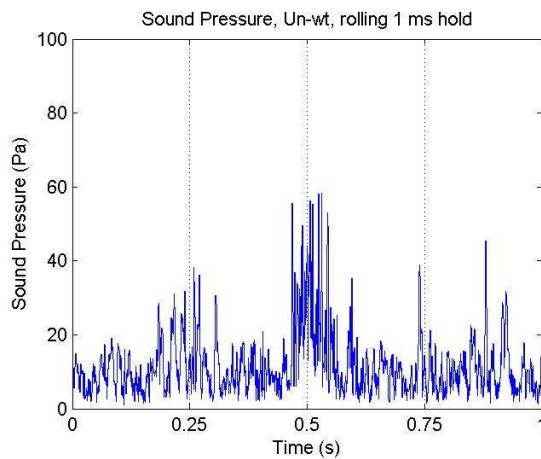
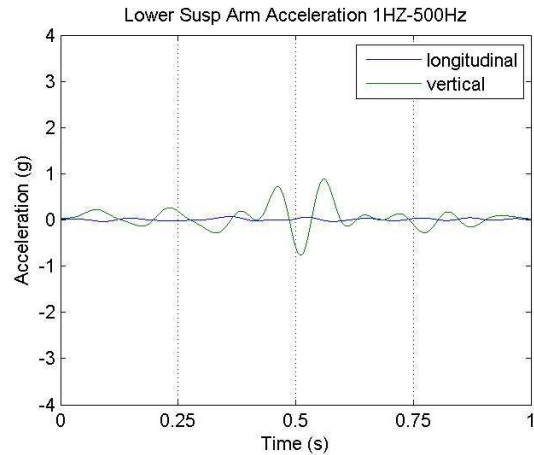
Time: 11:52:56

Marker No: 2

Latitude: -36.784270

Longitude: 174.670295

Speed (km/h): 79.5



Acceleration – Maximum vertical (g): 0.88
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 8.95
Displacement – Maximum longitudinal (mm): 0.74
Noise Peak Sound Pressure (Pa): 58.28
Average sound level, Leq(1s) (dB): 114.92
Average sound level, LAeq(1s) (dB): 110.94
Maximum sound level, Leq(125ms) (dB): 119.20
Maximum sound level, LAeq(125ms) (dBA): 118.32

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Decreasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

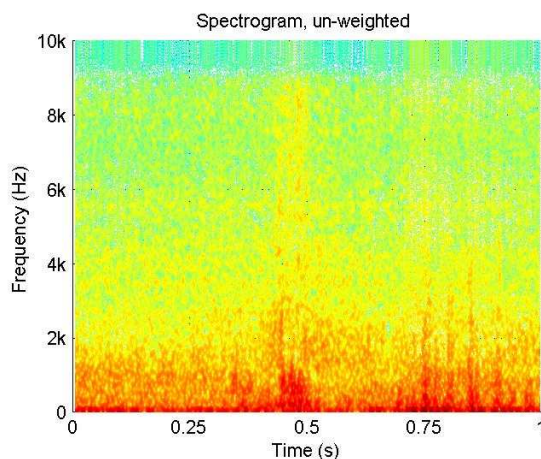
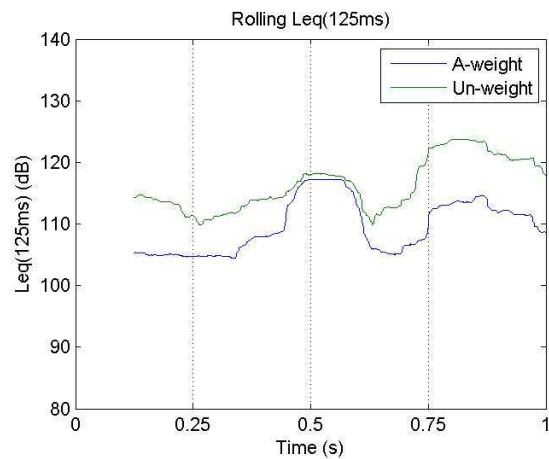
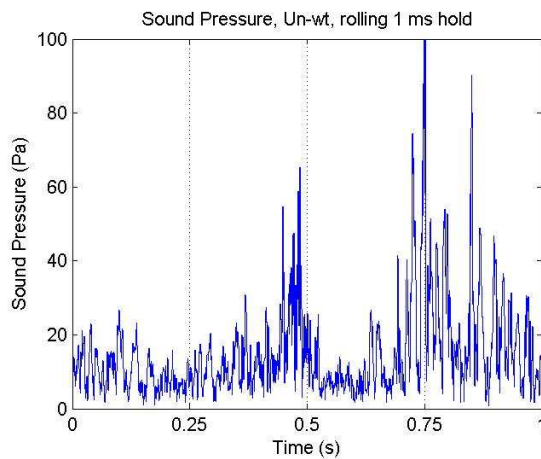
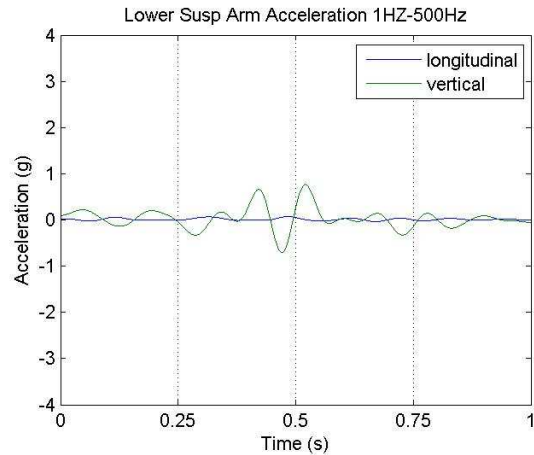
Time: 12:03:16

Marker No: 2

Latitude: -36.784273

Longitude: 174.670272

Speed (km/h): 80.6



Acceleration – Maximum vertical (g): 0.77
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 7.79
Displacement – Maximum longitudinal (mm): 0.74
Noise Peak Sound Pressure (Pa): 133.90
Average sound level, Leq(1s) (dB): 118.18
Average sound level, LAeq(1s) (dB): 111.43
Maximum sound level, Leq(125ms) (dB): 123.77
Maximum sound level, LAeq(125ms) (dBA): 117.27

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

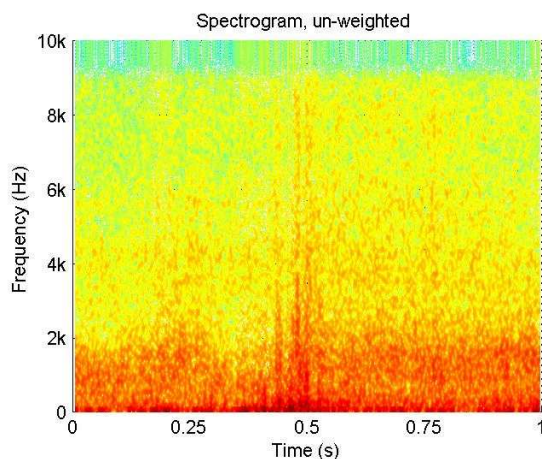
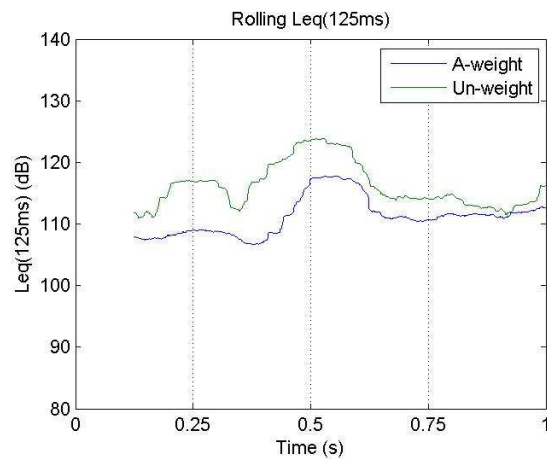
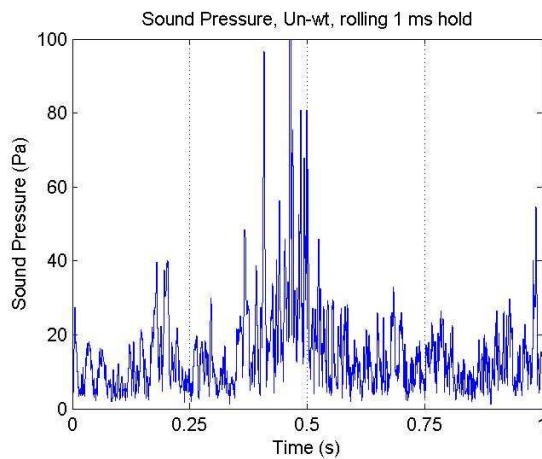
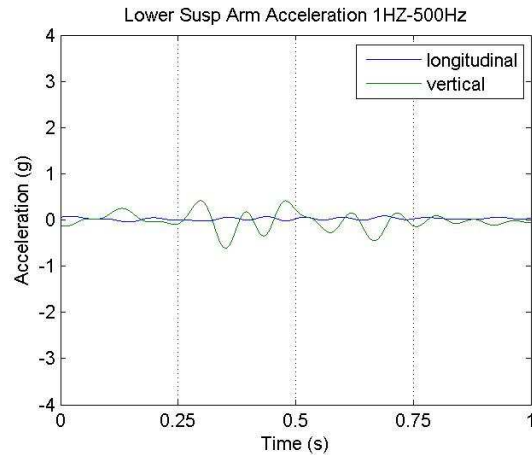
Time: 11:49:27

Marker No: 1

Latitude: -36.784260

Longitude: 174.670943

Speed (km/h): 87.2



Acceleration – Maximum vertical (g): 0.61
Acceleration – Maximum longitudinal (g): 0.09
Displacement – Maximum vertical (mm): 6.18
Displacement – Maximum longitudinal (mm): 0.88
Noise Peak Sound Pressure (Pa): 124.01
Average sound level, Leq(1s) (dB): 117.74
Average sound level, LAeq(1s) (dB): 112.25
Maximum sound level, Leq(125ms) (dB): 123.81
Maximum sound level, LAeq(125ms) (dBA): 117.73

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

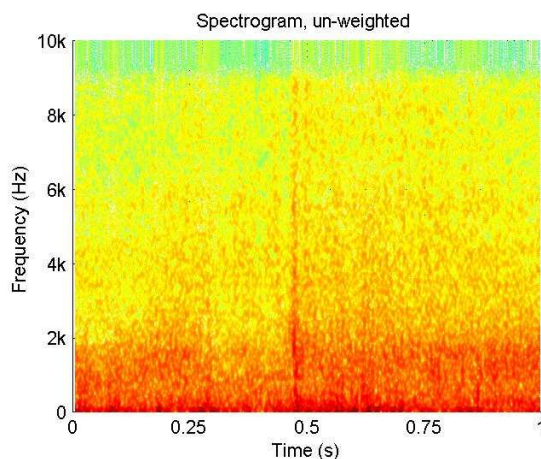
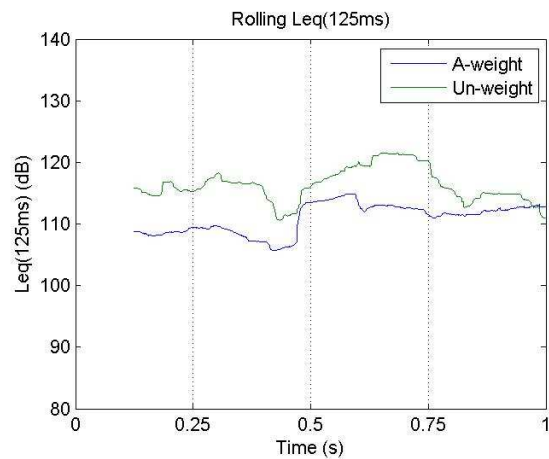
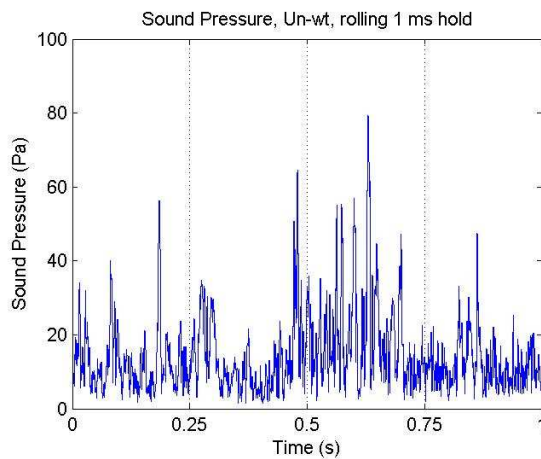
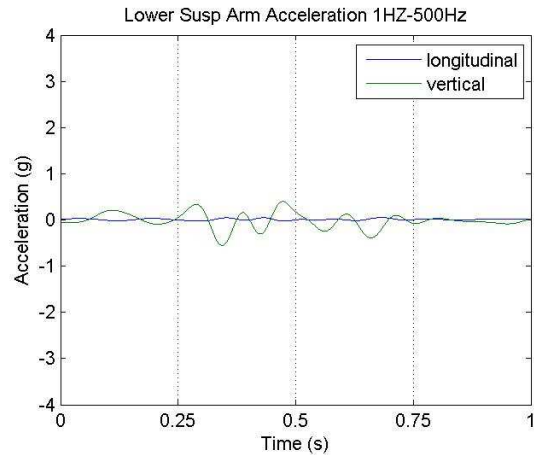
Time: 11:58:53

Marker No: 1

Latitude: -36.783390

Longitude: 174.673985

Speed (km/h): 83.0



Acceleration – Maximum vertical (g): 0.55
Acceleration – Maximum longitudinal (g): 0.05
Displacement – Maximum vertical (mm): 5.63
Displacement – Maximum longitudinal (mm): 0.54
Noise Peak Sound Pressure (Pa): 79.42
Average sound level, Leq(1s) (dB): 116.93
Average sound level, LAeq(1s) (dB): 111.45
Maximum sound level, Leq(125ms) (dB): 121.50
Maximum sound level, LAeq(125ms) (dBA): 114.91

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

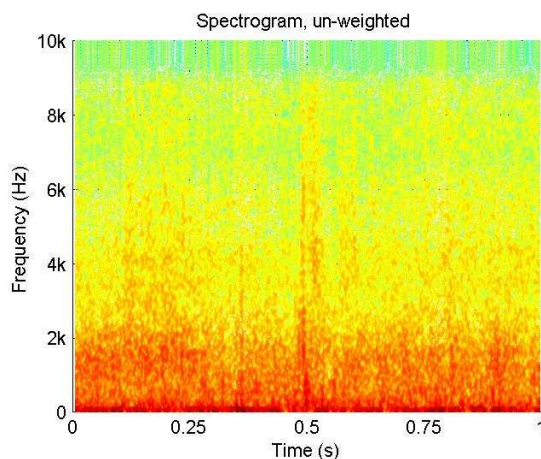
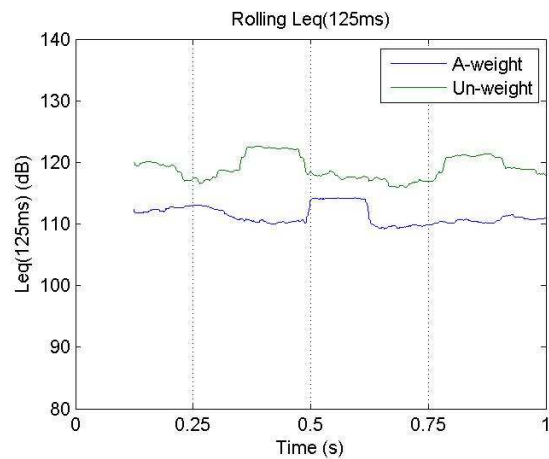
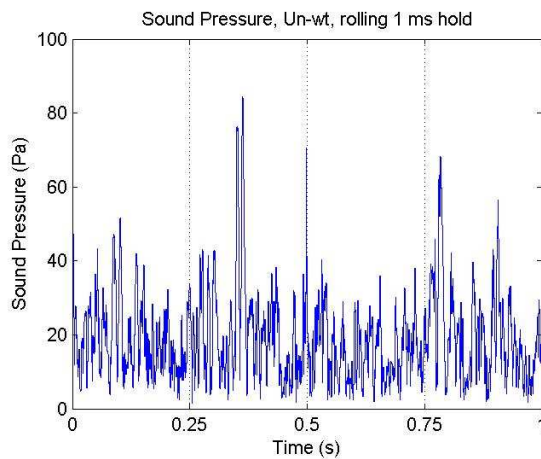
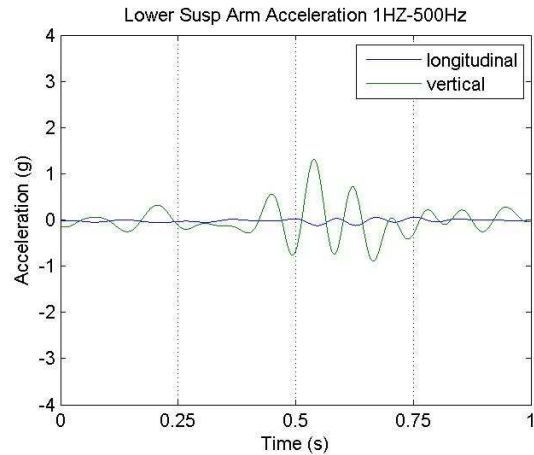
Time: 11:49:27

Marker No: 2

Latitude: -36.784498

Longitude: 174.670000

Speed (km/h): 79.1



Acceleration – Maximum vertical (g): 1.31
Acceleration – Maximum longitudinal (g): 0.12
Displacement – Maximum vertical (mm): 13.32
Displacement – Maximum longitudinal (mm): 1.24
Noise Peak Sound Pressure (Pa): 84.32
Average sound level, Leq(1s) (dB): 119.40
Average sound level, LAeq(1s) (dB): 111.64
Maximum sound level, Leq(125ms) (dB): 122.61
Maximum sound level, LAeq(125ms) (dBA): 114.24

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

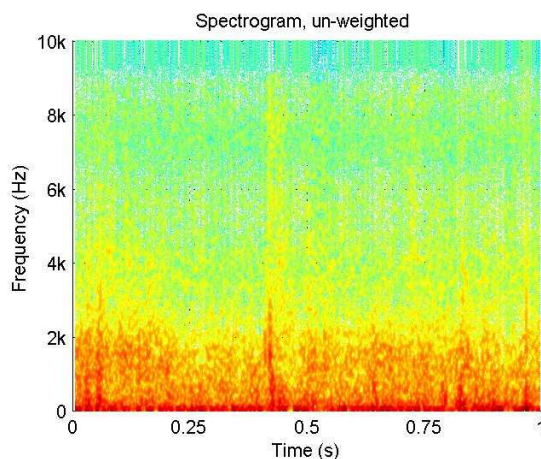
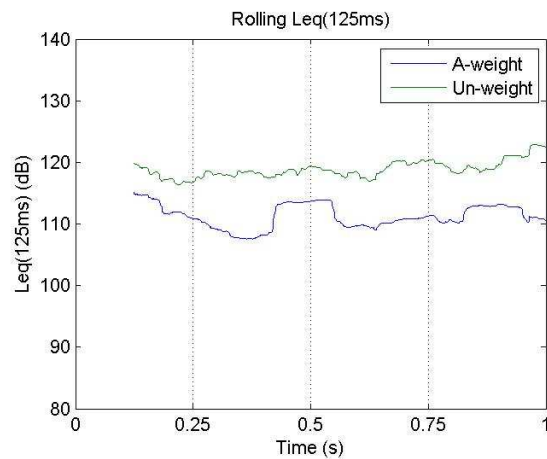
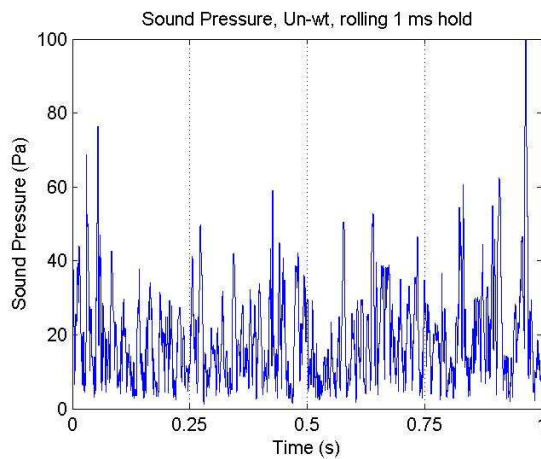
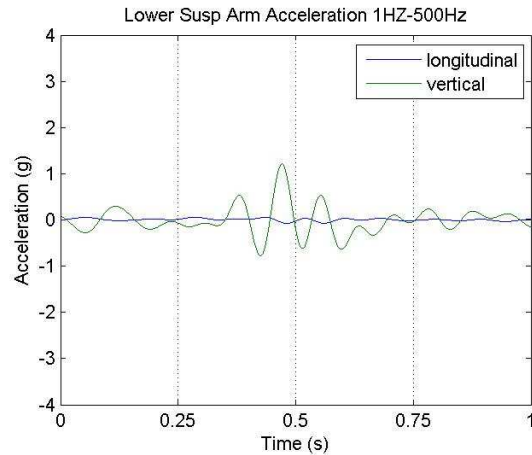
Time: 11:58:53

Marker No: 2

Latitude: -36.783727

Longitude: 174.673013

Speed (km/h): 85.2



Acceleration – Maximum vertical (g): 1.21
Acceleration – Maximum longitudinal (g): 0.07
Displacement – Maximum vertical (mm): 12.29
Displacement – Maximum longitudinal (mm): 0.75
Noise Peak Sound Pressure (Pa): 114.46
Average sound level, Leq(1s) (dB): 119.52
Average sound level, LAeq(1s) (dB): 112.01
Maximum sound level, Leq(125ms) (dB): 122.86
Maximum sound level, LAeq(125ms) (dBA): 115.10

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

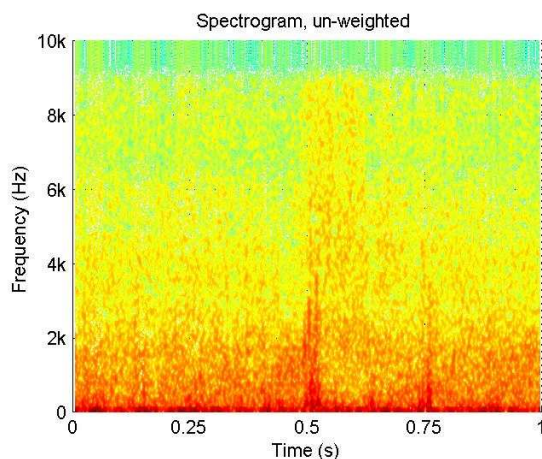
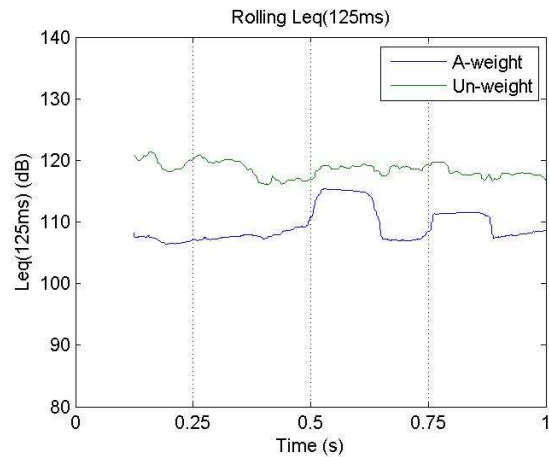
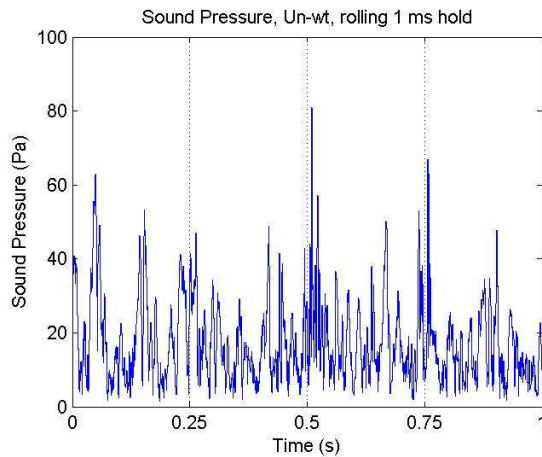
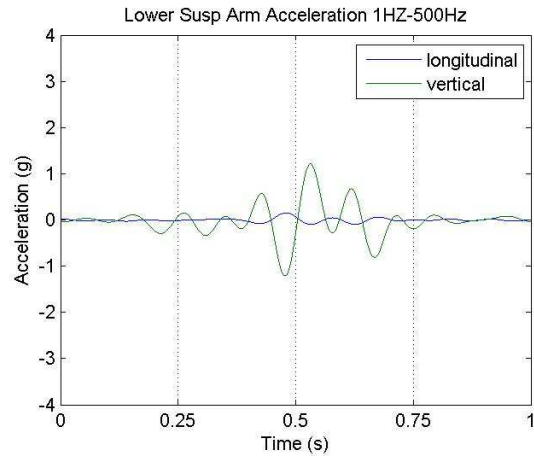
Time: 11:49:27

Marker No: 3

Latitude: -36.784908

Longitude: 174.668328

Speed (km/h): 80.6



Acceleration – Maximum vertical (g): 1.22
Acceleration – Maximum longitudinal (g): 0.15
Displacement – Maximum vertical (mm): 12.32
Displacement – Maximum longitudinal (mm): 1.56
Noise Peak Sound Pressure (Pa): 81.05
Average sound level, Leq(1s) (dB): 118.81
Average sound level, LAeq(1s) (dB): 110.18
Maximum sound level, Leq(125ms) (dB): 121.40
Maximum sound level, LAeq(125ms) (dBA): 115.36

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

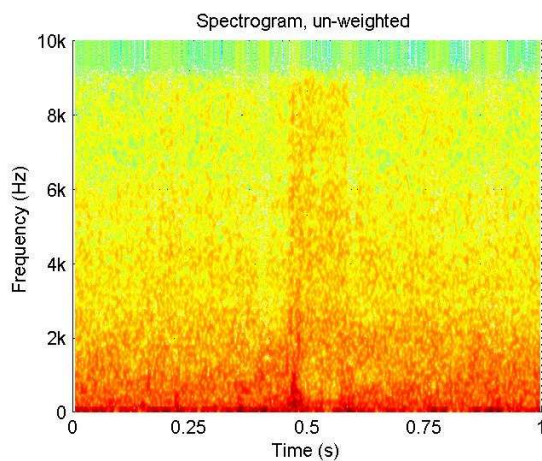
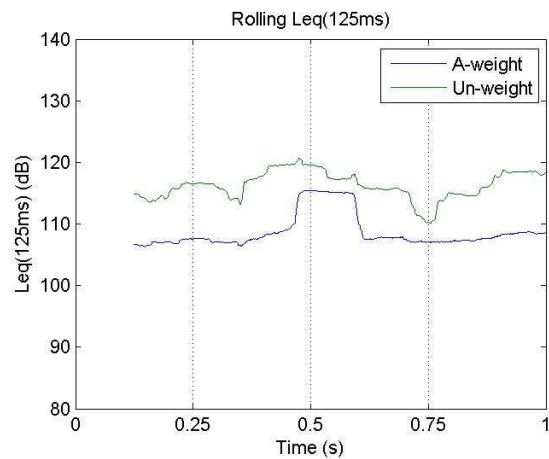
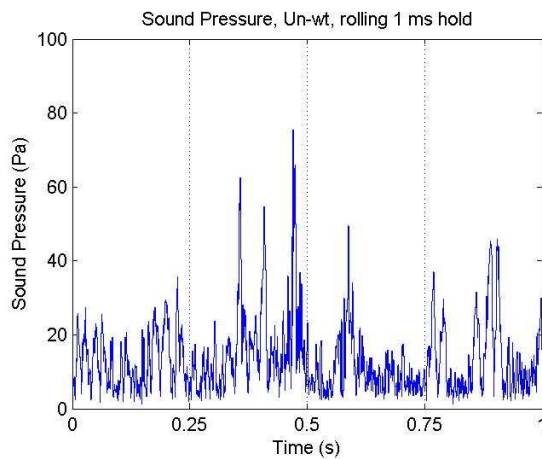
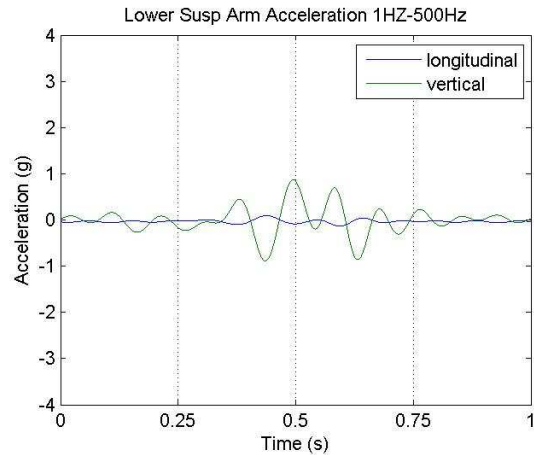
Time: 11:58:53

Marker No: 3

Latitude: -36.784108

Longitude: 174.671535

Speed (km/h): 80.9



Acceleration – Maximum vertical (g): 0.88
Acceleration – Maximum longitudinal (g): 0.13
Displacement – Maximum vertical (mm): 8.97
Displacement – Maximum longitudinal (mm): 1.36
Noise Peak Sound Pressure (Pa): 75.36
Average sound level, Leq(1s) (dB): 116.71
Average sound level, LAeq(1s) (dB): 109.67
Maximum sound level, Leq(125ms) (dB): 120.72
Maximum sound level, LAeq(125ms) (dBA): 115.41

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

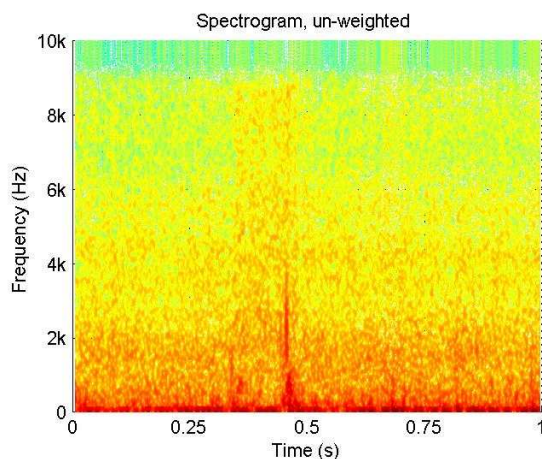
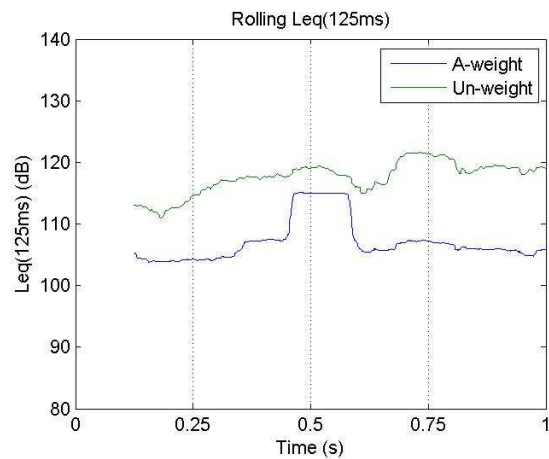
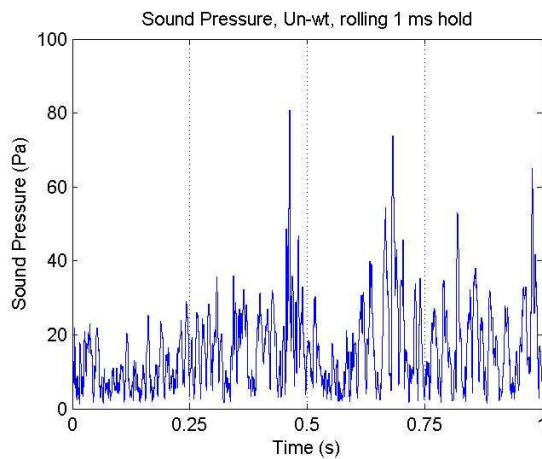
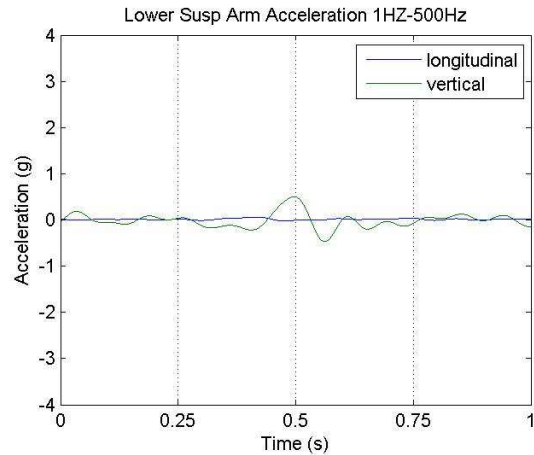
Time: 11:49:27

Marker No: 4

Latitude: -36.785088

Longitude: 174.667598

Speed (km/h): 81.7



Acceleration – Maximum vertical (g): 0.50
Acceleration – Maximum longitudinal (g): 0.06
Displacement – Maximum vertical (mm): 5.08
Displacement – Maximum longitudinal (mm): 0.65
Noise Peak Sound Pressure (Pa): 80.65
Average sound level, Leq(1s) (dB): 118.19
Average sound level, LAeq(1s) (dB): 108.73
Maximum sound level, Leq(125ms) (dB): 121.62
Maximum sound level, LAeq(125ms) (dBA): 115.12

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

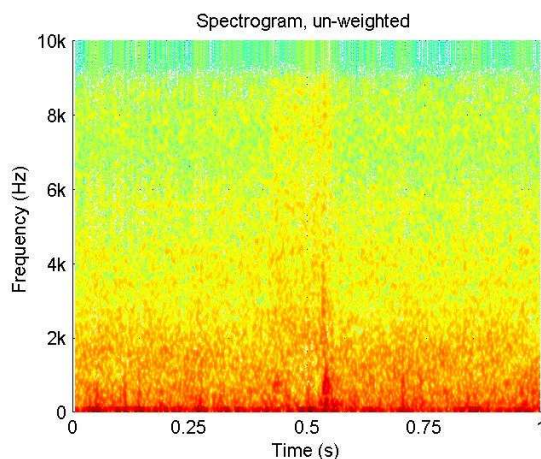
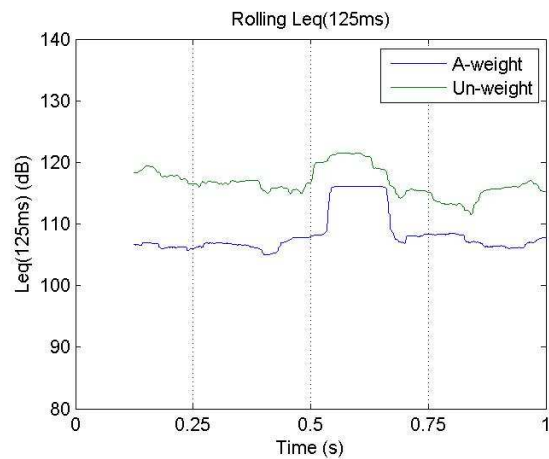
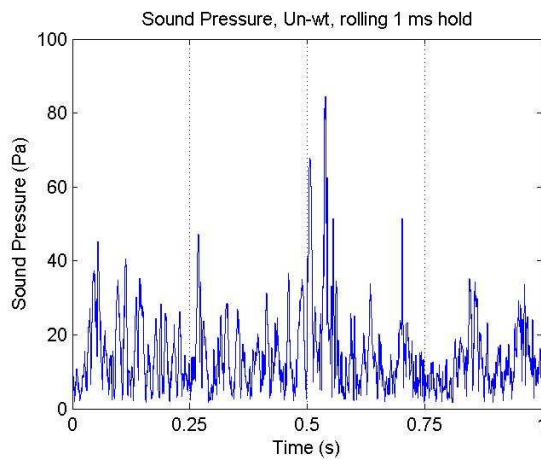
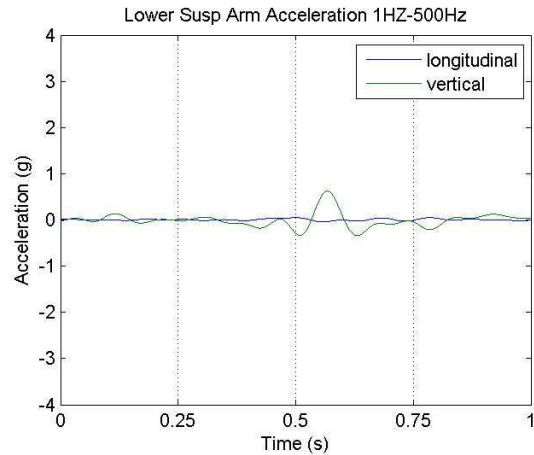
Time: 11:58:53

Marker No: 4

Latitude: -36.784520

Longitude: 174.669883

Speed (km/h): 79.3



Acceleration – Maximum vertical (g): 0.63
Acceleration – Maximum longitudinal (g): 0.05
Displacement – Maximum vertical (mm): 6.36
Displacement – Maximum longitudinal (mm): 0.51
Noise Peak Sound Pressure (Pa): 84.46
Average sound level, Leq(1s) (dB): 117.37
Average sound level, LAeq(1s) (dB): 109.84
Maximum sound level, Leq(125ms) (dB): 121.55
Maximum sound level, LAeq(125ms) (dBA): 116.15

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

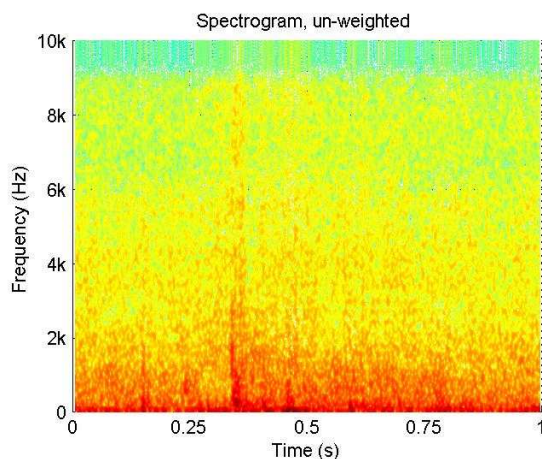
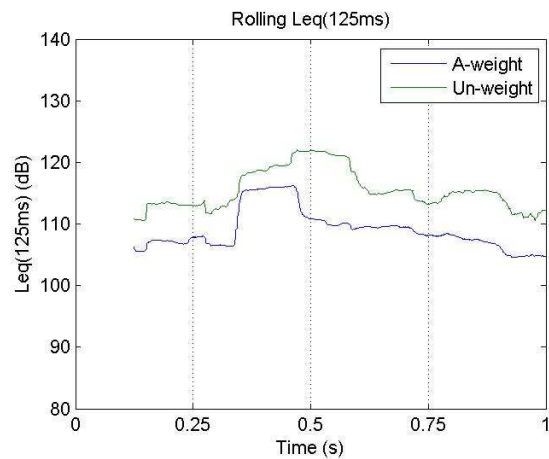
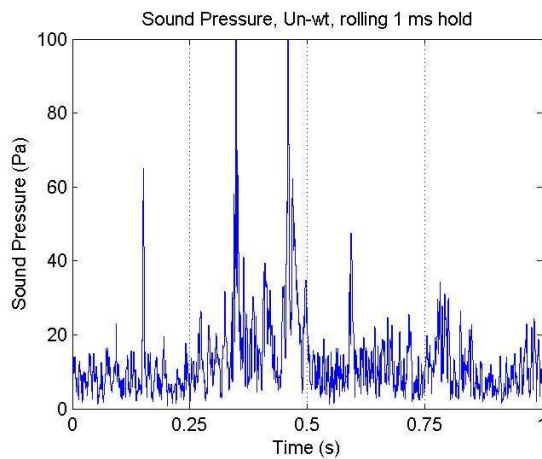
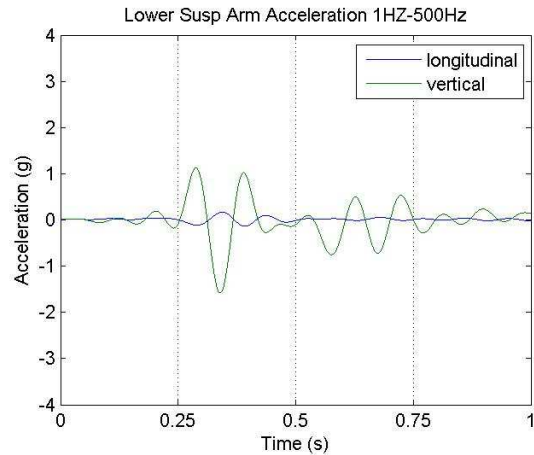
Time: 11:49:27

Marker No: 5

Latitude: -36.785088

Longitude: 174.667598

Speed (km/h): 81.7



Acceleration – Maximum vertical (g): 1.58
Acceleration – Maximum longitudinal (g): 0.17
Displacement – Maximum vertical (mm): 16.02
Displacement – Maximum longitudinal (mm): 1.73
Noise Peak Sound Pressure (Pa): 107.49
Average sound level, Leq(1s) (dB): 116.54
Average sound level, LAeq(1s) (dB): 110.09
Maximum sound level, Leq(125ms) (dB): 122.03
Maximum sound level, LAeq(125ms) (dBA): 116.30

Bridge Structure Number: BSN62

Name: UPPER HARBOUR BRIDGE No.1

Route Position: 18 7 0

Direction: Increasing

Joint Type: Rubber extrusion + embedded steel plate

Road Surface Type: Asphalt

Test Details:

Operator: I.Kvatch

Date: 15-05-13

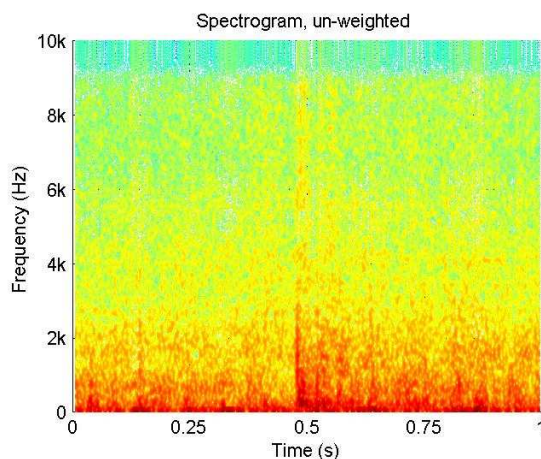
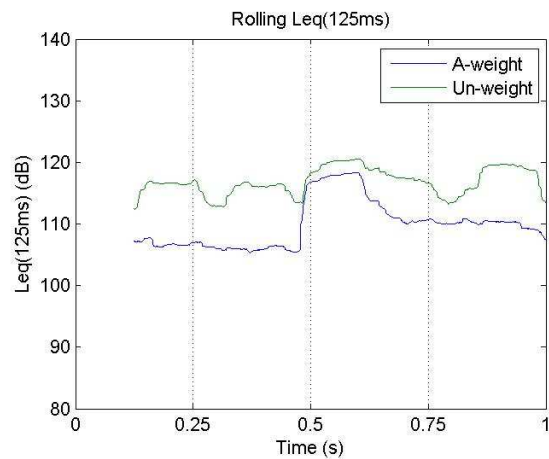
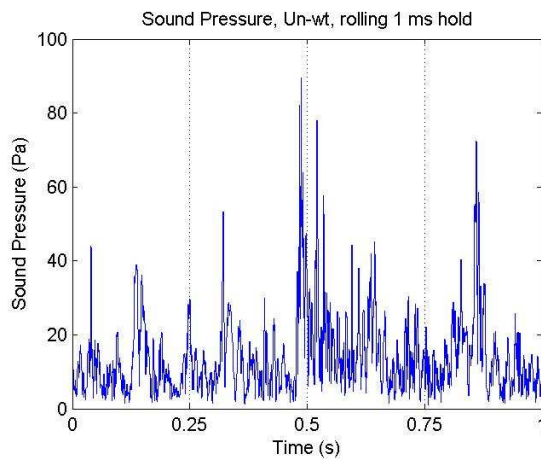
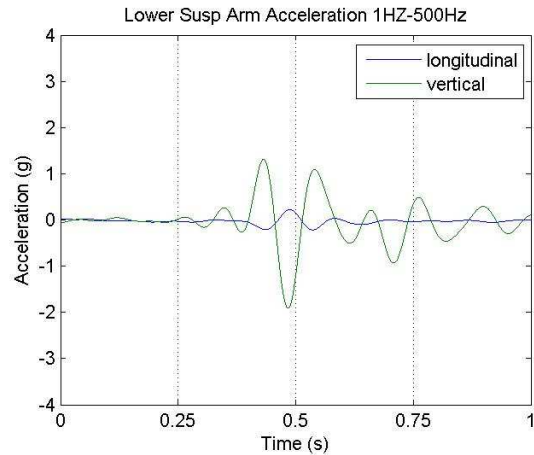
Time: 11:58:53

Marker No: 5

Latitude: -36.784693

Longitude: 174.669185

Speed (km/h): 78.3



Acceleration – Maximum vertical (g): 1.91
Acceleration – Maximum longitudinal (g): 0.22
Displacement – Maximum vertical (mm): 19.36
Displacement – Maximum longitudinal (mm): 2.26
Noise Peak Sound Pressure (Pa): 89.55
Average sound level, Leq(1s) (dB): 117.04
Average sound level, LAeq(1s) (dB): 111.57
Maximum sound level, Leq(125ms) (dB): 120.58
Maximum sound level, LAeq(125ms) (dBA): 118.33