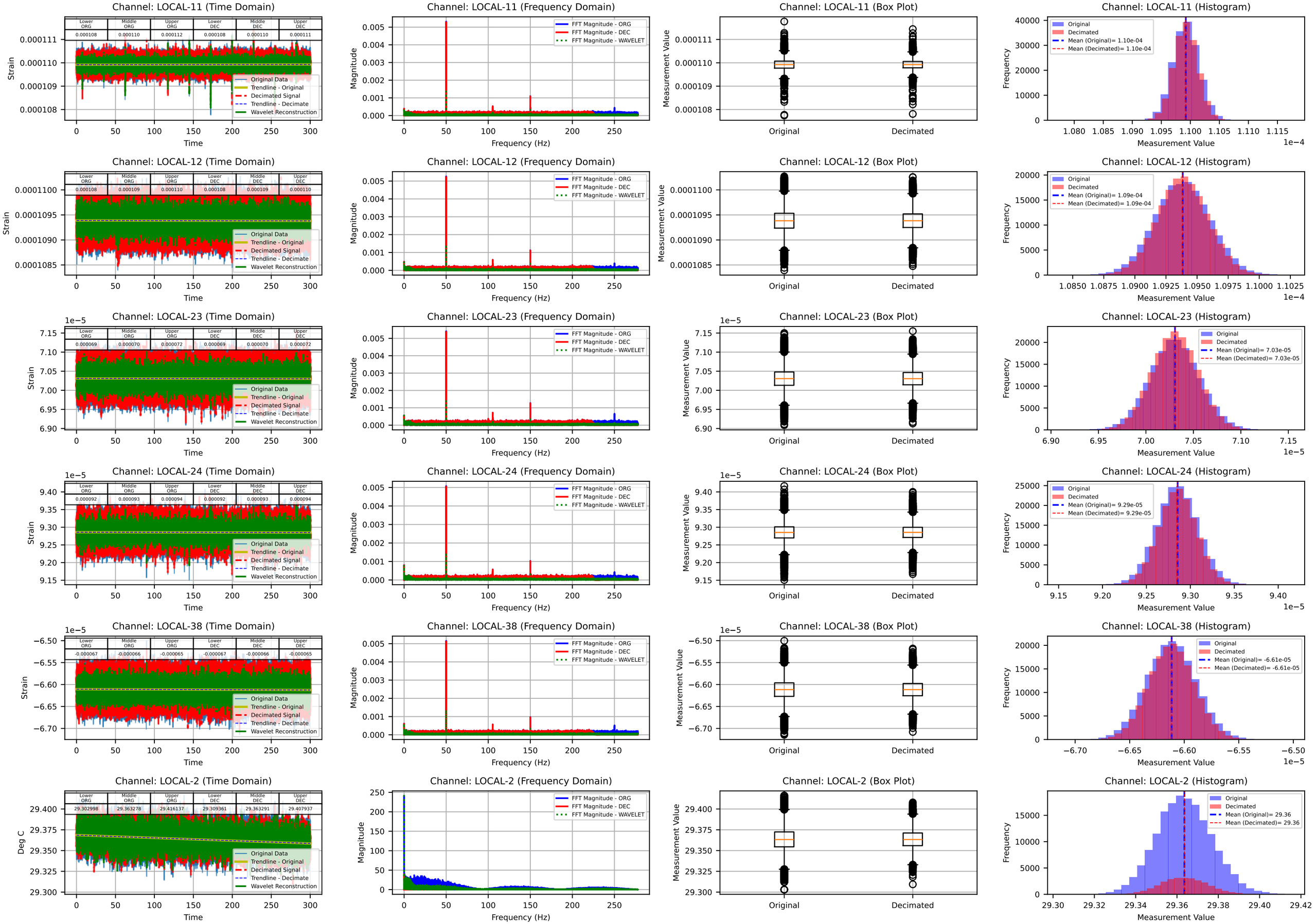
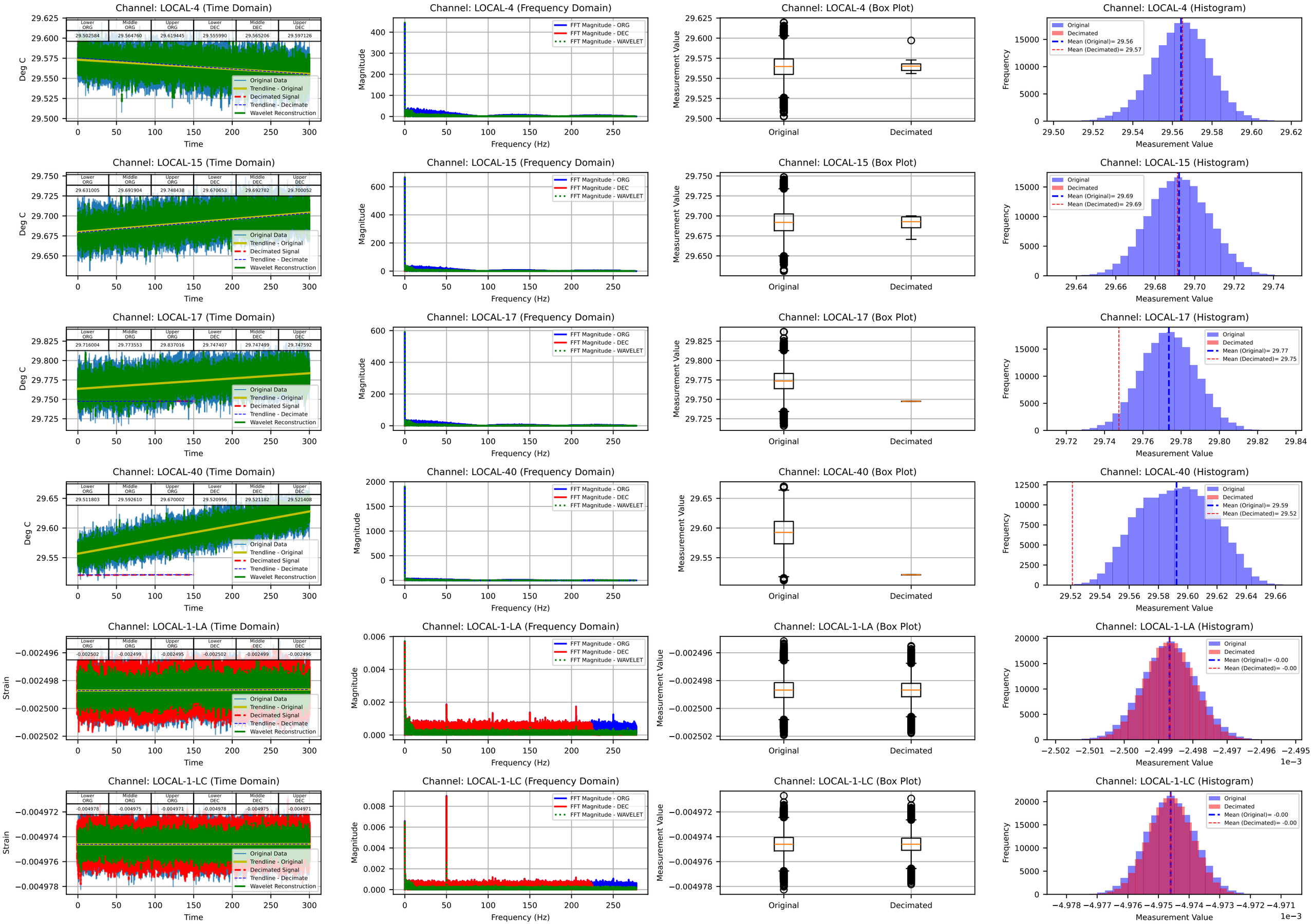
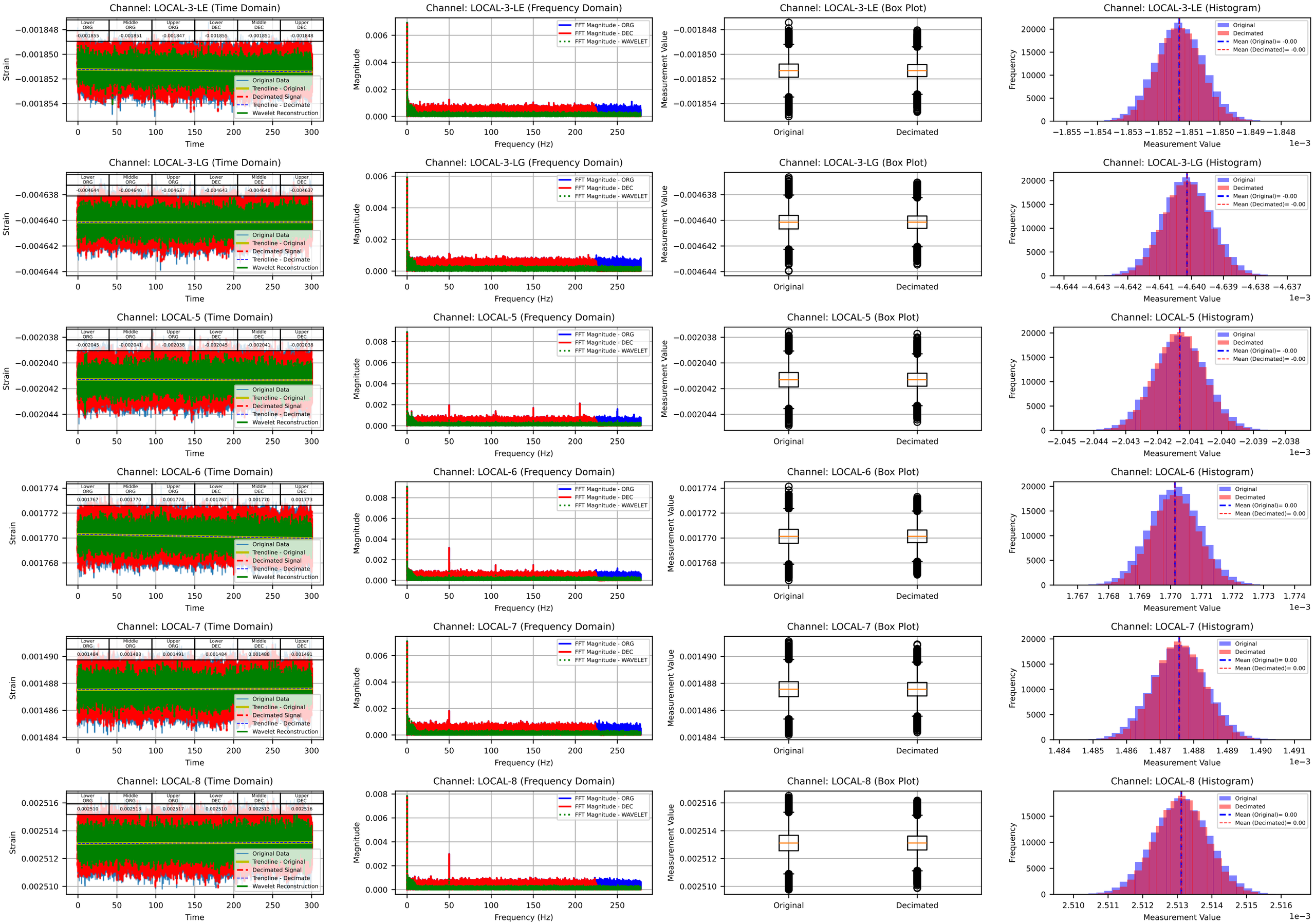
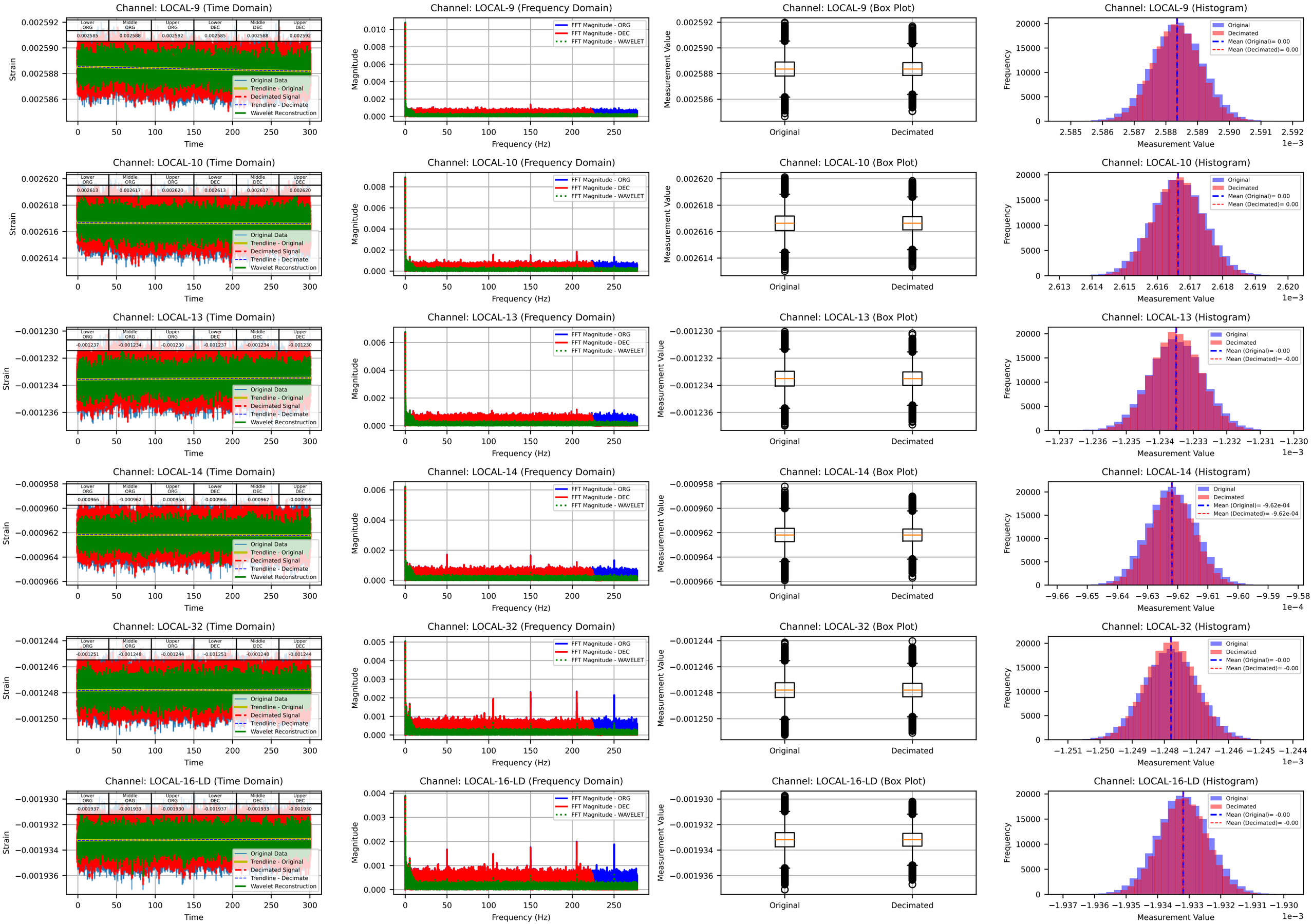
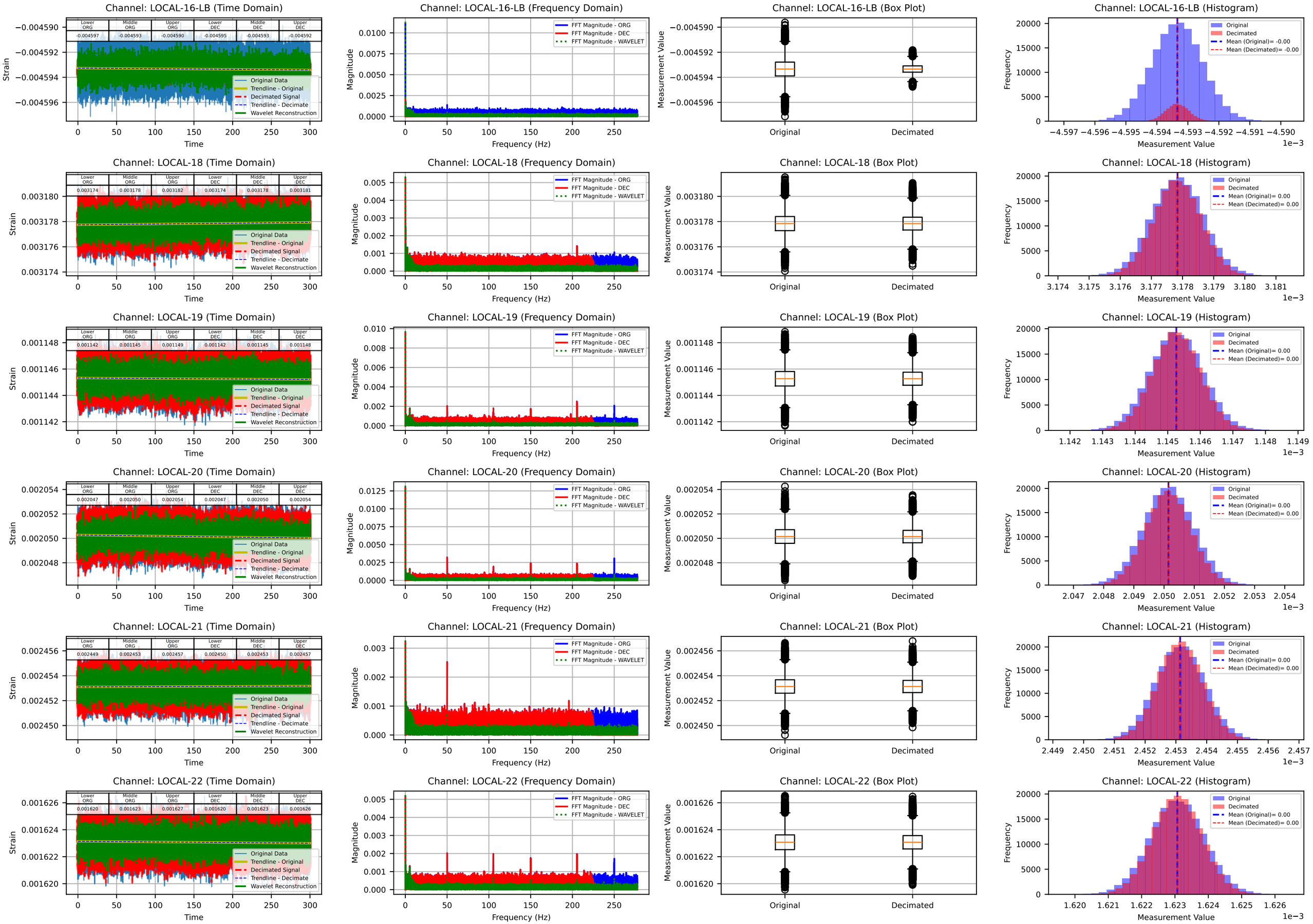
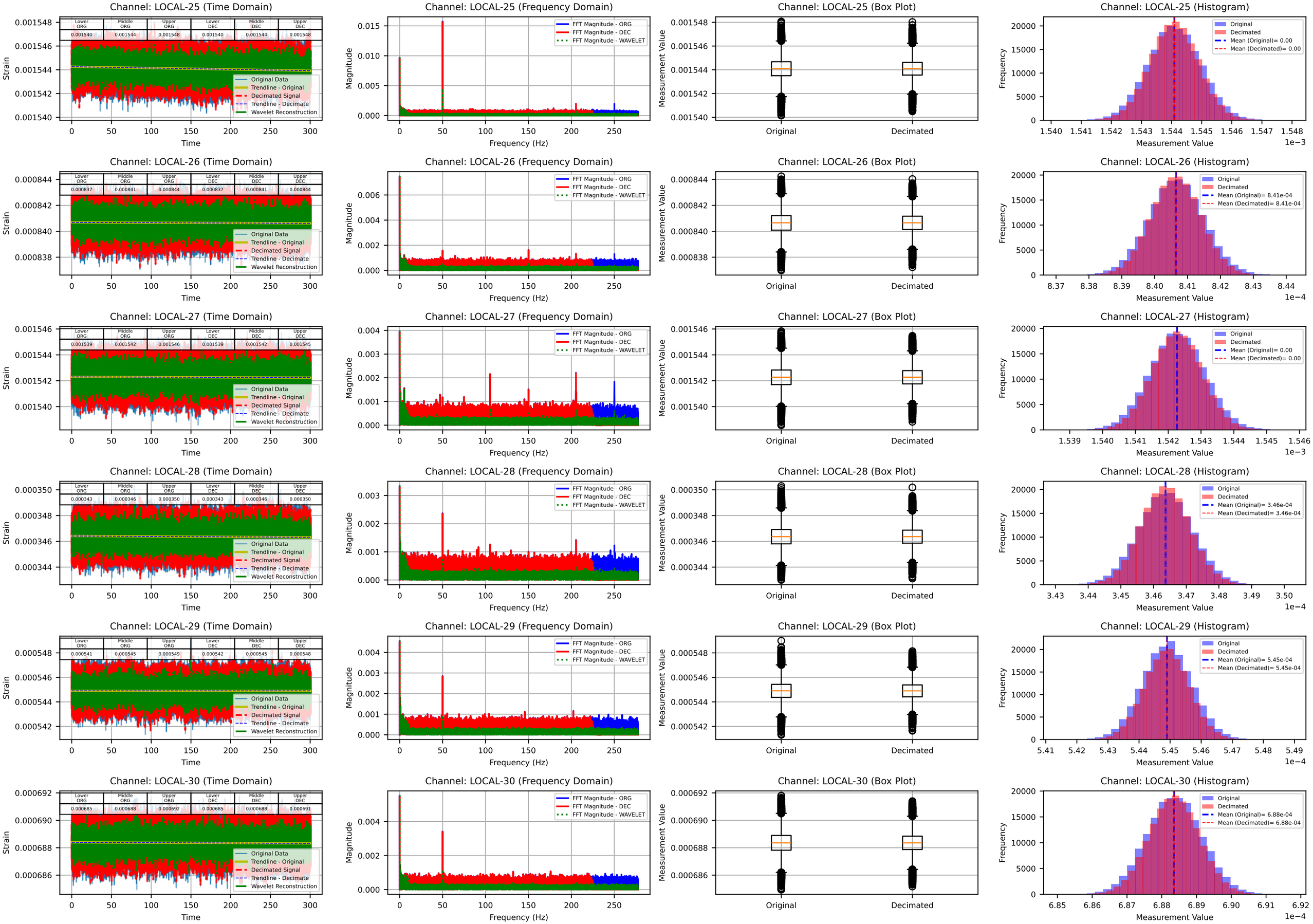

Channel: LOCAL-11 (Time Domain)
Lower ORG 0.000108
Middle ORG 0.000110
Upper ORG 0.000112
Lower DEC 0.000108
Middle DEC 0.000110
Upper DEC 0.000111
Strain
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Channel: LOCAL-11 (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)
Channel: LOCAL-11 (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-11 (Histogram)
Original
Decimated
Mean (Original)= 1.10e-04
Mean (Decimated)= 1.10e-04
Frequency
Measurement Value
1e−4
Channel: LOCAL-12 (Time Domain)
Lower ORG 0.000108
Middle ORG 0.000109
Upper ORG 0.000110
Lower DEC 0.000108
Middle DEC 0.000109
Upper DEC 0.000110
Channel: LOCAL-12 (Frequency Domain)
Channel: LOCAL-12 (Box Plot)
Channel: LOCAL-12 (Histogram)
Mean (Original)= 1.09e-04
Mean (Decimated)= 1.09e-04
Channel: LOCAL-23 (Time Domain)
Lower ORG 0.000069
Middle ORG 0.000070
Upper ORG 0.000072
Lower DEC 0.000069
Middle DEC 0.000070
Upper DEC 0.000072
Channel: LOCAL-23 (Frequency Domain)
Channel: LOCAL-23 (Box Plot)
Channel: LOCAL-23 (Histogram)
Mean (Original)= 7.03e-05
Mean (Decimated)= 7.03e-05
Channel: LOCAL-24 (Time Domain)
Lower ORG 0.000092
Middle ORG 0.000093
Upper ORG 0.000094
Lower DEC 0.000092
Middle DEC 0.000093
Upper DEC 0.000094
Channel: LOCAL-24 (Frequency Domain)
Channel: LOCAL-24 (Box Plot)
Channel: LOCAL-24 (Histogram)
Mean (Original)= 9.29e-05
Mean (Decimated)= 9.29e-05
Channel: LOCAL-38 (Time Domain)
Lower ORG -0.000067
Middle ORG -0.000066
Upper ORG -0.000065
Lower DEC -0.000067
Middle DEC -0.000066
Upper DEC -0.000065
Channel: LOCAL-38 (Frequency Domain)
Channel: LOCAL-38 (Box Plot)
Channel: LOCAL-38 (Histogram)
Mean (Original)= -6.61e-05
Mean (Decimated)= -6.61e-05
Channel: LOCAL-2 (Time Domain)
Lower ORG 29.302998
Middle ORG 29.363278
Upper ORG 29.416137
Lower DEC 29.309361
Middle DEC 29.363291
Upper DEC 29.407937
Deg C
Channel: LOCAL-2 (Frequency Domain)
Channel: LOCAL-2 (Box Plot)
Channel: LOCAL-2 (Histogram)
Mean (Original)= 29.36
Mean (Decimated)= 29.36

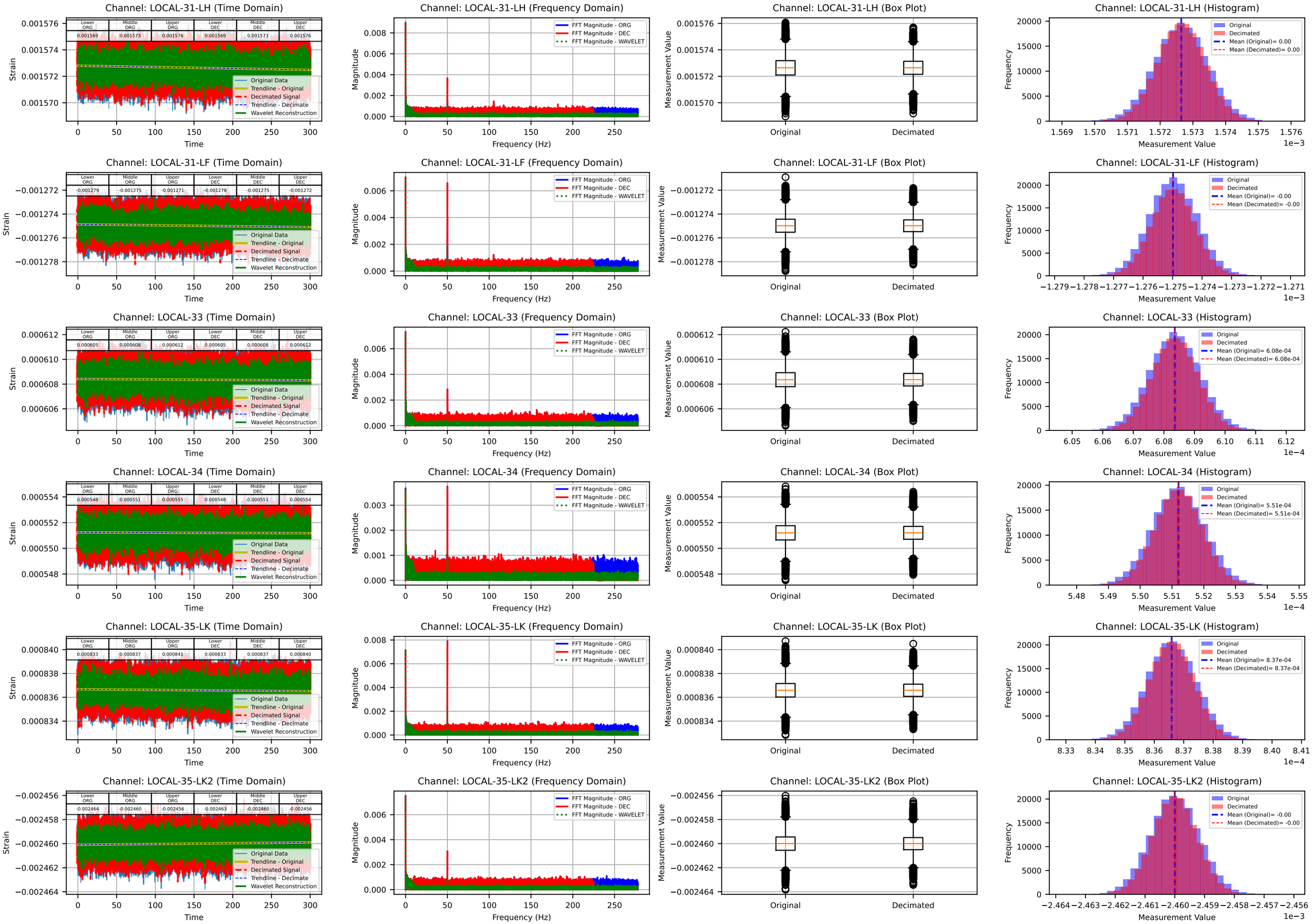

Channel: LOCAL-4 (Time Domain)
Lower ORG 29.502584
Middle ORG 29.564760
Upper ORG 29.619445
Lower DEC 29.555990
Middle DEC 29.565206
Upper DEC 29.597126
Deg C
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Channel: LOCAL-4 (Frequency Domain)
Magnitude
Frequency (Hz)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Channel: LOCAL-4 (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-4 (Histogram)
Frequency
Measurement Value
Original
Decimated
Mean (Original)= 29.56
Mean (Decimated)= 29.57
Channel: LOCAL-15 (Time Domain)
Lower ORG 29.631005
Middle ORG 29.691904
Upper ORG 29.748438
Lower DEC 29.670653
Middle DEC 29.692782
Upper DEC 29.700052
Channel: LOCAL-15 (Frequency Domain)
Channel: LOCAL-15 (Box Plot)
Channel: LOCAL-15 (Histogram)
Mean (Original)= 29.69
Mean (Decimated)= 29.69
Channel: LOCAL-17 (Time Domain)
Lower ORG 29.716004
Middle ORG 29.773553
Upper ORG 29.837016
Lower DEC 29.747407
Middle DEC 29.747499
Upper DEC 29.747592
Channel: LOCAL-17 (Frequency Domain)
Channel: LOCAL-17 (Box Plot)
Channel: LOCAL-17 (Histogram)
Mean (Original)= 29.77
Mean (Decimated)= 29.75
Channel: LOCAL-40 (Time Domain)
Lower ORG 29.511803
Middle ORG 29.592610
Upper ORG 29.670002
Lower DEC 29.520956
Middle DEC 29.521182
Upper DEC 29.521408
Channel: LOCAL-40 (Frequency Domain)
Channel: LOCAL-40 (Box Plot)
Channel: LOCAL-40 (Histogram)
Mean (Original)= 29.59
Mean (Decimated)= 29.52
Channel: LOCAL-1-LA (Time Domain)
Lower ORG -0.002502
Middle ORG -0.002499
Upper ORG -0.002495
Lower DEC -0.002502
Middle DEC -0.002499
Upper DEC -0.002496
Strain
Channel: LOCAL-1-LA (Frequency Domain)
Channel: LOCAL-1-LA (Box Plot)
Channel: LOCAL-1-LA (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
1e−3
Channel: LOCAL-1-LC (Time Domain)
Lower ORG -0.004978
Middle ORG -0.004975
Upper ORG -0.004971
Lower DEC -0.004978
Middle DEC -0.004975
Upper DEC -0.004971
Channel: LOCAL-1-LC (Frequency Domain)
Channel: LOCAL-1-LC (Box Plot)
Channel: LOCAL-1-LC (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
1e−3

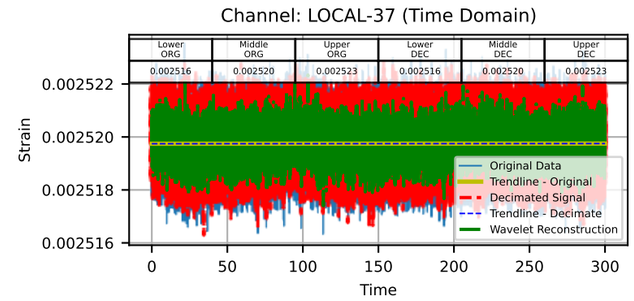

Channel: LOCAL-3-LE (Time Domain)
Lower ORG
Middle ORG
Upper ORG
Lower DEC
Middle DEC
Upper DEC
-0.001855
-0.001851
-0.001847
-0.001855
-0.001851
-0.001848
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Strain
Time
Channel: LOCAL-3-LE (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)
Channel: LOCAL-3-LE (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-3-LE (Histogram)
Original
Decimated
Mean (Original)= -0.00
Mean (Decimated)= -0.00
Frequency
Measurement Value
1e−3
Channel: LOCAL-3-LG (Time Domain)
-0.004644
-0.004640
-0.004637
-0.004643
-0.004640
-0.004637
Channel: LOCAL-3-LG (Frequency Domain)
Channel: LOCAL-3-LG (Box Plot)
Channel: LOCAL-3-LG (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
Channel: LOCAL-5 (Time Domain)
-0.002045
-0.002041
-0.002038
-0.002045
-0.002041
-0.002038
Channel: LOCAL-5 (Frequency Domain)
Channel: LOCAL-5 (Box Plot)
Channel: LOCAL-5 (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
Channel: LOCAL-6 (Time Domain)
0.001767
0.001770
0.001774
0.001767
0.001770
0.001773
Channel: LOCAL-6 (Frequency Domain)
Channel: LOCAL-6 (Box Plot)
Channel: LOCAL-6 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-7 (Time Domain)
0.001484
0.001488
0.001491
0.001484
0.001488
0.001491
Channel: LOCAL-7 (Frequency Domain)
Channel: LOCAL-7 (Box Plot)
Channel: LOCAL-7 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-8 (Time Domain)
0.002510
0.002513
0.002517
0.002510
0.002513
0.002516
Channel: LOCAL-8 (Frequency Domain)
Channel: LOCAL-8 (Box Plot)
Channel: LOCAL-8 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00

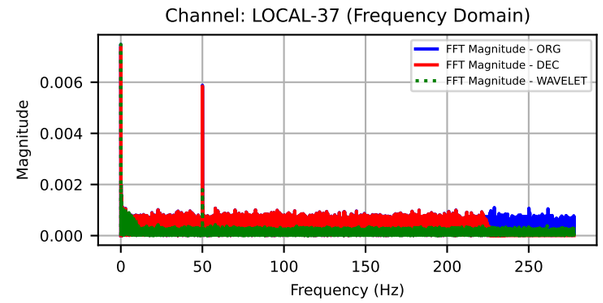

Channel: LOCAL-9 (Time Domain)
Lower ORG 0.002585
Middle ORG 0.002588
Upper ORG 0.002592
Lower DEC 0.002585
Middle DEC 0.002588
Upper DEC 0.002592
Strain
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Channel: LOCAL-9 (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)
Channel: LOCAL-9 (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-9 (Histogram)
Original
Decimated
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Frequency
Measurement Value
1e−3
Channel: LOCAL-10 (Time Domain)
Lower ORG 0.002613
Middle ORG 0.002617
Upper ORG 0.002620
Lower DEC 0.002613
Middle DEC 0.002617
Upper DEC 0.002620
Channel: LOCAL-10 (Frequency Domain)
Channel: LOCAL-10 (Box Plot)
Channel: LOCAL-10 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-13 (Time Domain)
Lower ORG -0.001237
Middle ORG -0.001234
Upper ORG -0.001230
Lower DEC -0.001237
Middle DEC -0.001234
Upper DEC -0.001230
Channel: LOCAL-13 (Frequency Domain)
Channel: LOCAL-13 (Box Plot)
Channel: LOCAL-13 (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
Channel: LOCAL-14 (Time Domain)
Lower ORG -0.000966
Middle ORG -0.000962
Upper ORG -0.000958
Lower DEC -0.000966
Middle DEC -0.000962
Upper DEC -0.000959
Channel: LOCAL-14 (Frequency Domain)
Channel: LOCAL-14 (Box Plot)
Channel: LOCAL-14 (Histogram)
Mean (Original)= -9.62e-04
Mean (Decimated)= -9.62e-04
Channel: LOCAL-32 (Time Domain)
Lower ORG -0.001251
Middle ORG -0.001248
Upper ORG -0.001244
Lower DEC -0.001251
Middle DEC -0.001248
Upper DEC -0.001244
Channel: LOCAL-32 (Frequency Domain)
Channel: LOCAL-32 (Box Plot)
Channel: LOCAL-32 (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
Channel: LOCAL-16-LD (Time Domain)
Lower ORG -0.001937
Middle ORG -0.001933
Upper ORG -0.001930
Lower DEC -0.001937
Middle DEC -0.001933
Upper DEC -0.001930
Channel: LOCAL-16-LD (Frequency Domain)
Channel: LOCAL-16-LD (Box Plot)
Channel: LOCAL-16-LD (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00

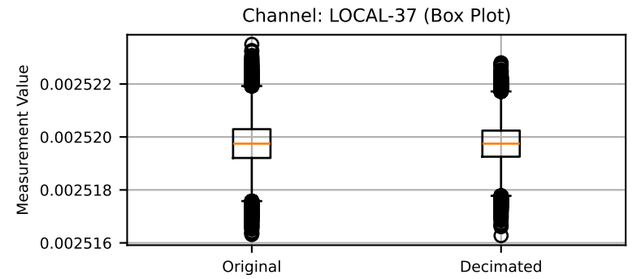

Channel: LOCAL-16-LB (Time Domain)
Lower ORG -0.004597
Middle ORG -0.004593
Upper ORG -0.004590
Lower DEC -0.004595
Middle DEC -0.004593
Upper DEC -0.004592
Strain
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Channel: LOCAL-16-LB (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)
Channel: LOCAL-16-LB (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-16-LB (Histogram)
Original
Decimated
Mean (Original)= -0.00
Mean (Decimated)= -0.00
Frequency
Measurement Value
1e−3
Channel: LOCAL-18 (Time Domain)
Lower ORG 0.003174
Middle ORG 0.003178
Upper ORG 0.003182
Lower DEC 0.003174
Middle DEC 0.003178
Upper DEC 0.003181
Channel: LOCAL-18 (Frequency Domain)
Channel: LOCAL-18 (Box Plot)
Channel: LOCAL-18 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-19 (Time Domain)
Lower ORG 0.001142
Middle ORG 0.001145
Upper ORG 0.001149
Lower DEC 0.001142
Middle DEC 0.001145
Upper DEC 0.001148
Channel: LOCAL-19 (Frequency Domain)
Channel: LOCAL-19 (Box Plot)
Channel: LOCAL-19 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-20 (Time Domain)
Lower ORG 0.002047
Middle ORG 0.002050
Upper ORG 0.002054
Lower DEC 0.002047
Middle DEC 0.002050
Upper DEC 0.002054
Channel: LOCAL-20 (Frequency Domain)
Channel: LOCAL-20 (Box Plot)
Channel: LOCAL-20 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-21 (Time Domain)
Lower ORG 0.002449
Middle ORG 0.002453
Upper ORG 0.002457
Lower DEC 0.002450
Middle DEC 0.002453
Upper DEC 0.002457
Channel: LOCAL-21 (Frequency Domain)
Channel: LOCAL-21 (Box Plot)
Channel: LOCAL-21 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Channel: LOCAL-22 (Time Domain)
Lower ORG 0.001620
Middle ORG 0.001623
Upper ORG 0.001627
Lower DEC 0.001620
Middle DEC 0.001623
Upper DEC 0.001626
Channel: LOCAL-22 (Frequency Domain)
Channel: LOCAL-22 (Box Plot)
Channel: LOCAL-22 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00

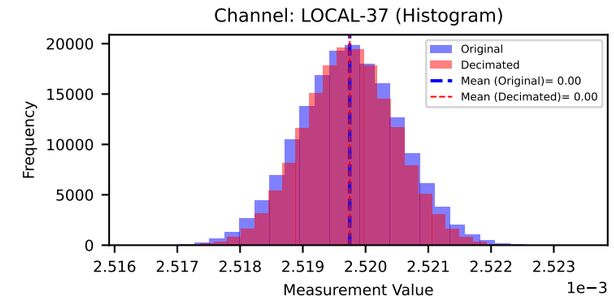

Channel: LOCAL-25 (Time Domain)
Lower ORG 0.001540
Middle ORG 0.001544
Upper ORG 0.001548
Lower DEC 0.001540
Middle DEC 0.001544
Upper DEC 0.001548
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Strain
Time
Channel: LOCAL-25 (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)
Channel: LOCAL-25 (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-25 (Histogram)
Original
Decimated
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Frequency
Measurement Value
1e−3
Channel: LOCAL-26 (Time Domain)
Lower ORG 0.000837
Middle ORG 0.000841
Upper ORG 0.000844
Lower DEC 0.000837
Middle DEC 0.000841
Upper DEC 0.000844
Channel: LOCAL-26 (Frequency Domain)
Channel: LOCAL-26 (Box Plot)
Channel: LOCAL-26 (Histogram)
Mean (Original)= 8.41e-04
Mean (Decimated)= 8.41e-04
1e−4
Channel: LOCAL-27 (Time Domain)
Lower ORG 0.001539
Middle ORG 0.001542
Upper ORG 0.001546
Lower DEC 0.001539
Middle DEC 0.001542
Upper DEC 0.001545
Channel: LOCAL-27 (Frequency Domain)
Channel: LOCAL-27 (Box Plot)
Channel: LOCAL-27 (Histogram)
Mean (Original)= 0.00
Mean (Decimated)= 0.00
1e−3
Channel: LOCAL-28 (Time Domain)
Lower ORG 0.000343
Middle ORG 0.000346
Upper ORG 0.000350
Lower DEC 0.000343
Middle DEC 0.000346
Upper DEC 0.000350
Channel: LOCAL-28 (Frequency Domain)
Channel: LOCAL-28 (Box Plot)
Channel: LOCAL-28 (Histogram)
Mean (Original)= 3.46e-04
Mean (Decimated)= 3.46e-04
1e−4
Channel: LOCAL-29 (Time Domain)
Lower ORG 0.000541
Middle ORG 0.000545
Upper ORG 0.000549
Lower DEC 0.000542
Middle DEC 0.000545
Upper DEC 0.000548
Channel: LOCAL-29 (Frequency Domain)
Channel: LOCAL-29 (Box Plot)
Channel: LOCAL-29 (Histogram)
Mean (Original)= 5.45e-04
Mean (Decimated)= 5.45e-04
1e−4
Channel: LOCAL-30 (Time Domain)
Lower ORG 0.000685
Middle ORG 0.000688
Upper ORG 0.000692
Lower DEC 0.000685
Middle DEC 0.000688
Upper DEC 0.000691
Channel: LOCAL-30 (Frequency Domain)
Channel: LOCAL-30 (Box Plot)
Channel: LOCAL-30 (Histogram)
Mean (Original)= 6.88e-04
Mean (Decimated)= 6.88e-04
1e−4

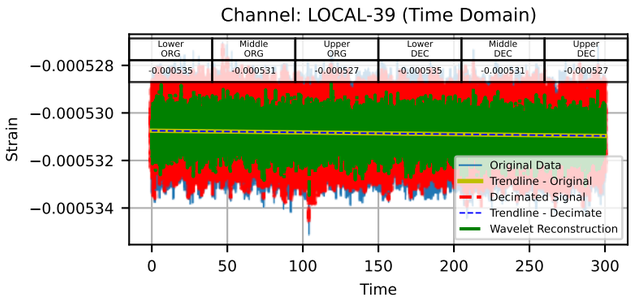

Channel: LOCAL-31-LH (Time Domain)
Lower ORG 0.001569
Middle ORG 0.001573
Upper ORG 0.001576
Lower DEC 0.001569
Middle DEC 0.001573
Upper DEC 0.001576
Strain
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction
Channel: LOCAL-31-LH (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)
Channel: LOCAL-31-LH (Box Plot)
Measurement Value
Original
Decimated
Channel: LOCAL-31-LH (Histogram)
Original
Decimated
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Frequency
Measurement Value
1e−3
Channel: LOCAL-31-LF (Time Domain)
Lower ORG -0.001279
Middle ORG -0.001275
Upper ORG -0.001271
Lower DEC -0.001278
Middle DEC -0.001275
Upper DEC -0.001272
Channel: LOCAL-31-LF (Frequency Domain)
Channel: LOCAL-31-LF (Box Plot)
Channel: LOCAL-31-LF (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
1e−3
Channel: LOCAL-33 (Time Domain)
Lower ORG 0.000605
Middle ORG 0.000608
Upper ORG 0.000612
Lower DEC 0.000605
Middle DEC 0.000608
Upper DEC 0.000612
Channel: LOCAL-33 (Frequency Domain)
Channel: LOCAL-33 (Box Plot)
Channel: LOCAL-33 (Histogram)
Mean (Original)= 6.08e-04
Mean (Decimated)= 6.08e-04
1e−4
Channel: LOCAL-34 (Time Domain)
Lower ORG 0.000548
Middle ORG 0.000551
Upper ORG 0.000555
Lower DEC 0.000548
Middle DEC 0.000551
Upper DEC 0.000554
Channel: LOCAL-34 (Frequency Domain)
Channel: LOCAL-34 (Box Plot)
Channel: LOCAL-34 (Histogram)
Mean (Original)= 5.51e-04
Mean (Decimated)= 5.51e-04
1e−4
Channel: LOCAL-35-LK (Time Domain)
Lower ORG 0.000833
Middle ORG 0.000837
Upper ORG 0.000841
Lower DEC 0.000833
Middle DEC 0.000837
Upper DEC 0.000840
Channel: LOCAL-35-LK (Frequency Domain)
Channel: LOCAL-35-LK (Box Plot)
Channel: LOCAL-35-LK (Histogram)
Mean (Original)= 8.37e-04
Mean (Decimated)= 8.37e-04
1e−4
Channel: LOCAL-35-LK2 (Time Domain)
Lower ORG -0.002464
Middle ORG -0.002460
Upper ORG -0.002456
Lower DEC -0.002463
Middle DEC -0.002460
Upper DEC -0.002456
Channel: LOCAL-35-LK2 (Frequency Domain)
Channel: LOCAL-35-LK2 (Box Plot)
Channel: LOCAL-35-LK2 (Histogram)
Mean (Original)= -0.00
Mean (Decimated)= -0.00
1e−3

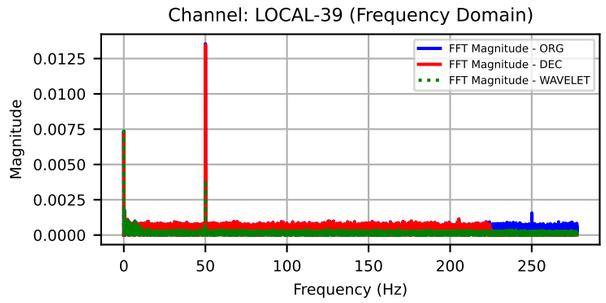

Channel: LOCAL-37 (Time Domain)
Lower ORG
Middle ORG
Upper ORG
Lower DEC
Middle DEC
Upper DEC
0.002516
0.002520
0.002523
0.002516
0.002520
0.002523
Strain
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction

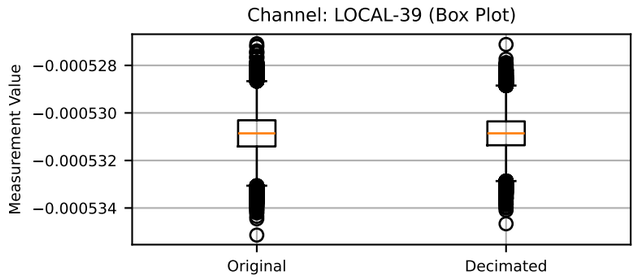

Channel: LOCAL-37 (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)

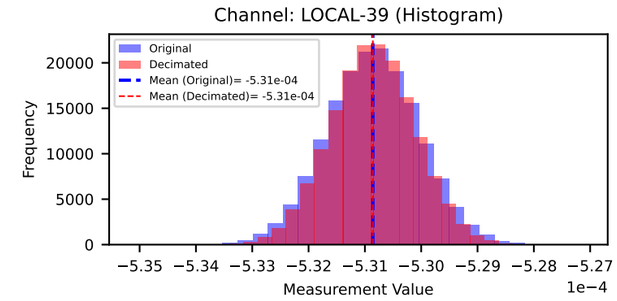

Channel: LOCAL-37 (Box Plot)
Measurement Value
Original
Decimated


Channel: LOCAL-37 (Histogram)
Original
Decimated
Mean (Original)= 0.00
Mean (Decimated)= 0.00
Frequency
Measurement Value
1e−3


Channel: LOCAL-39 (Time Domain)
Lower ORG
Middle ORG
Upper ORG
Lower DEC
Middle DEC
Upper DEC
-0.000535
-0.000531
-0.000527
-0.000535
-0.000531
-0.000527
Strain
Time
Original Data
Trendline - Original
Decimated Signal
Trendline - Decimate
Wavelet Reconstruction


Channel: LOCAL-39 (Frequency Domain)
FFT Magnitude - ORG
FFT Magnitude - DEC
FFT Magnitude - WAVELET
Magnitude
Frequency (Hz)


Channel: LOCAL-39 (Box Plot)
Measurement Value
Original
Decimated


Channel: LOCAL-39 (Histogram)
Original
Decimated
Mean (Original)= -5.31e-04
Mean (Decimated)= -5.31e-04
Frequency
Measurement Value
1e−4