Appendix E - Interval Min/Max Plots for TSH 1

SAMS-FF TSH 1 data collected during the STS-95 mission were used to generate the interval average minimum/maximum plots in this appendix [2]. These data were collected at a rate of 400 samples per second. The plots are from recording sessions 3 through 43, with each plot comprised of 255 seconds worth of data. The time interval used for generating these plots was 0.25 seconds. Because axial relationships were particularly important to the HOST project, the internal min/max plots were calculated for all three axes.

These interval minimum/maximum plots are intended to provide a snapshot of the time domain environment for each recording session. Those interested in further details are encouraged to contact the PIMS team.

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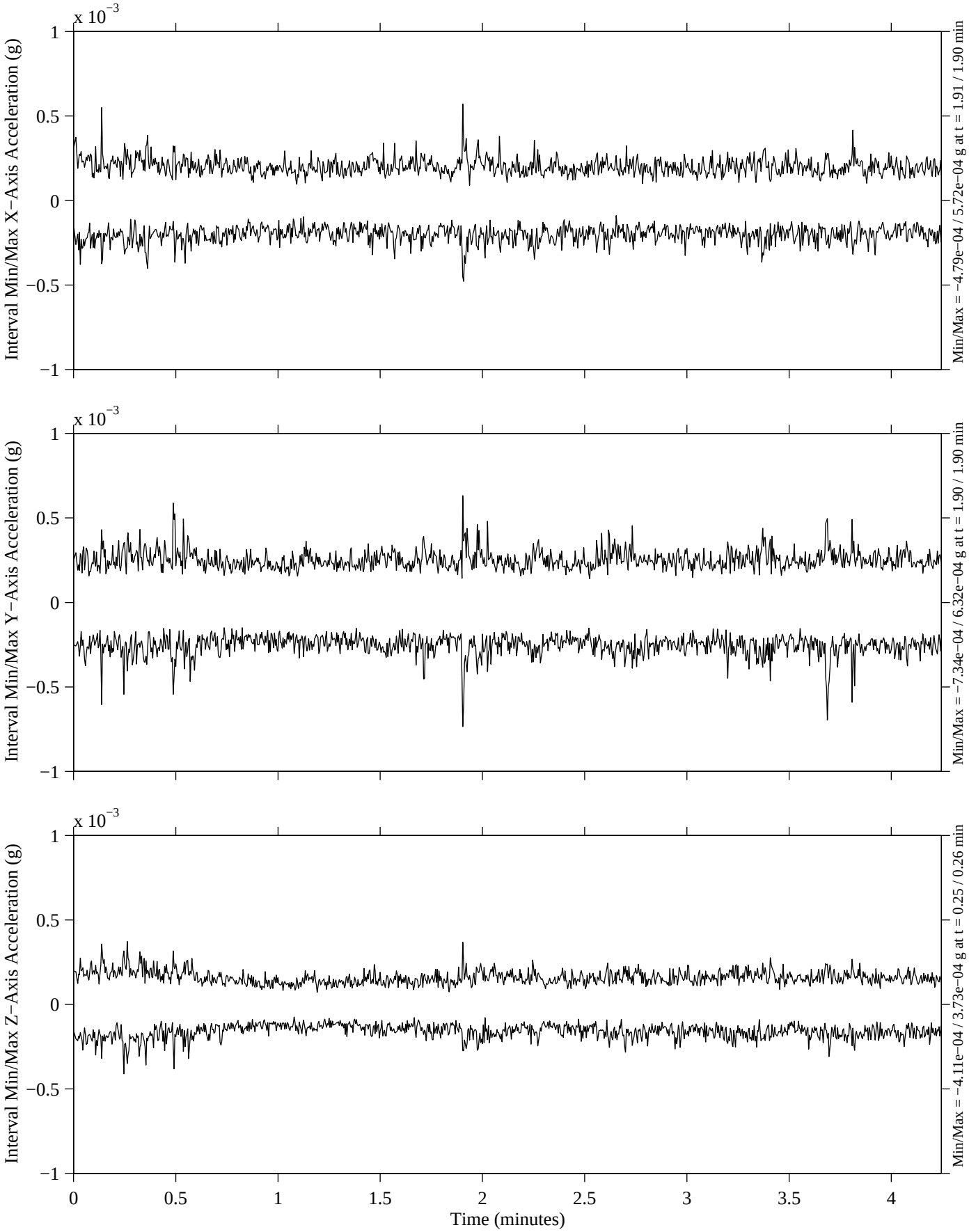
Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #3
MET Start at 000/05:58:24.008

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

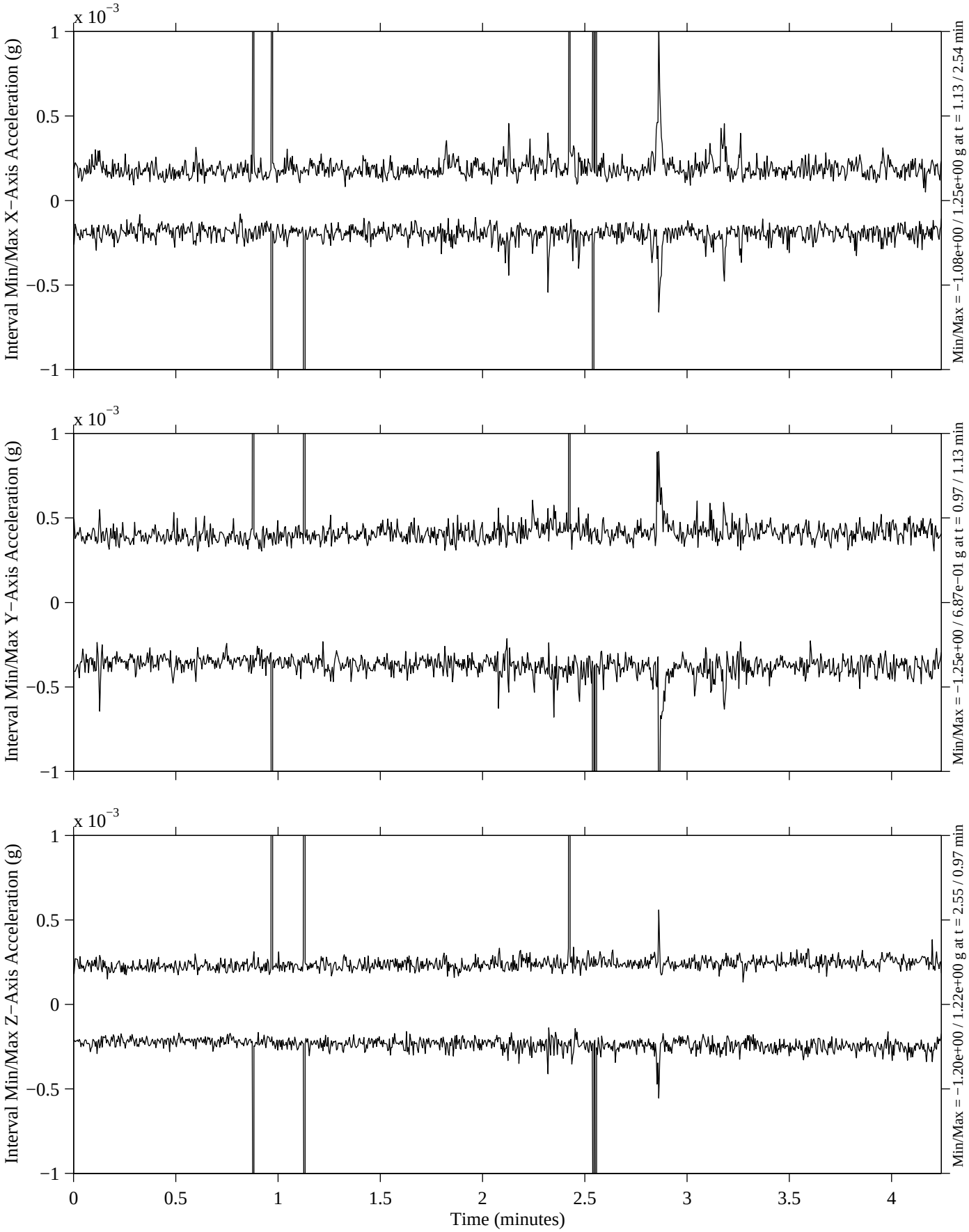


MATLAB: 30−Jul−1999, 11:28 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #4
MET Start at 000/06:15:13.939

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

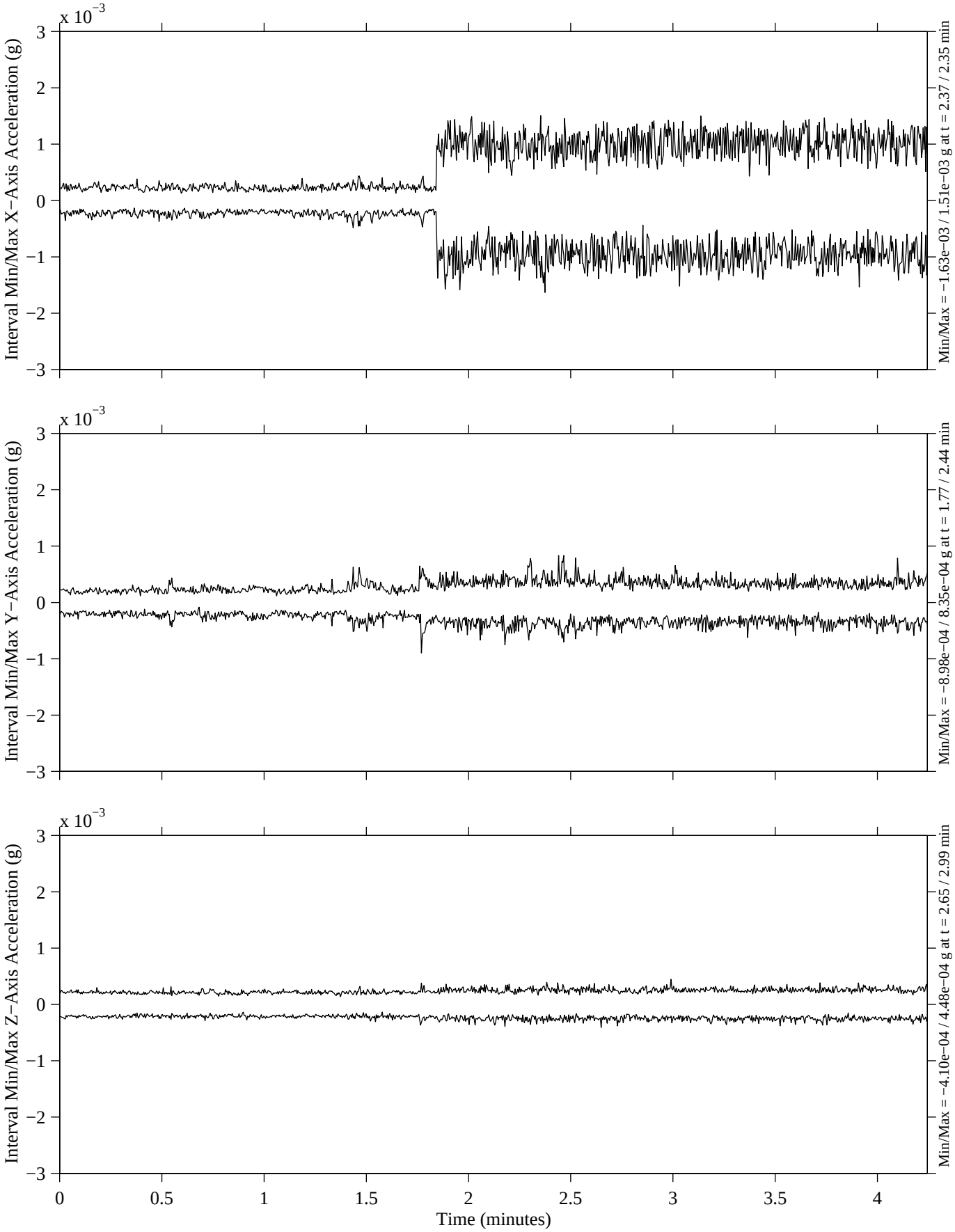


MATLAB: 30−Jul−1999, 11:29 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #5
MET Start at 000/19:52:15.298

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

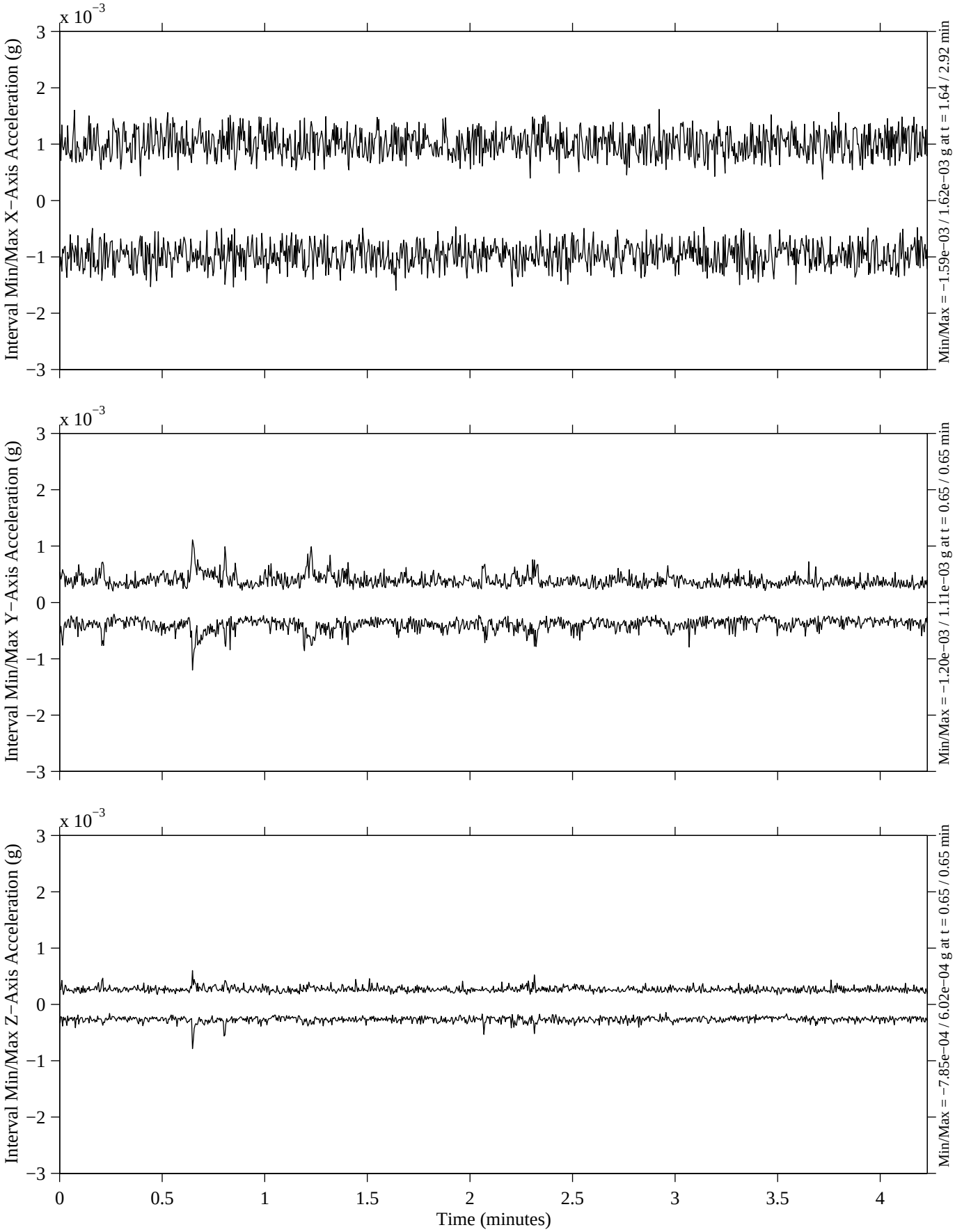


MATLAB: 11−Sep−1999, 09:31 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #6
MET Start at 000/19:59:11.268

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

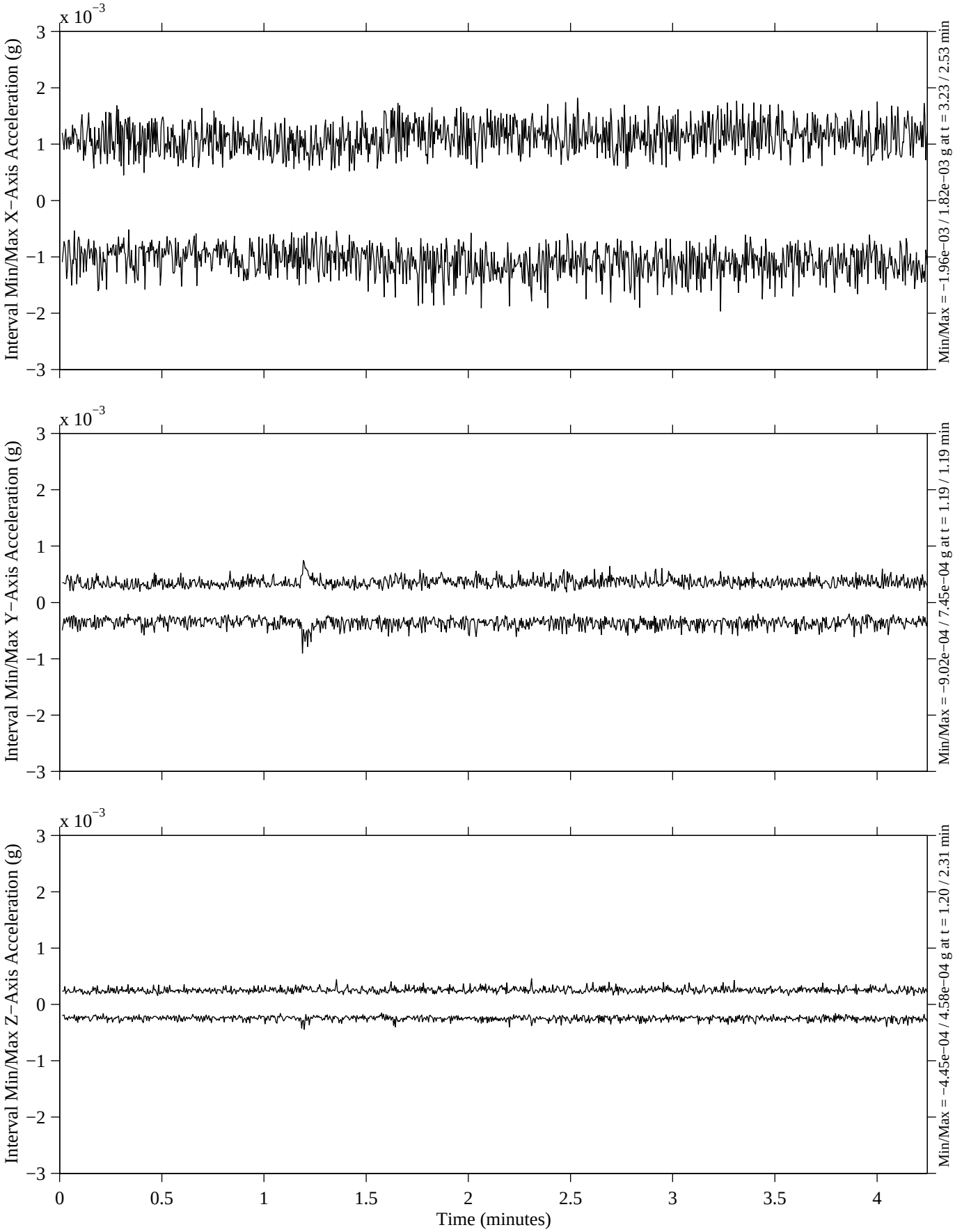


MATLAB: 11−Sep−1999, 09:32 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #7
MET Start at 000/20:11:54.225

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

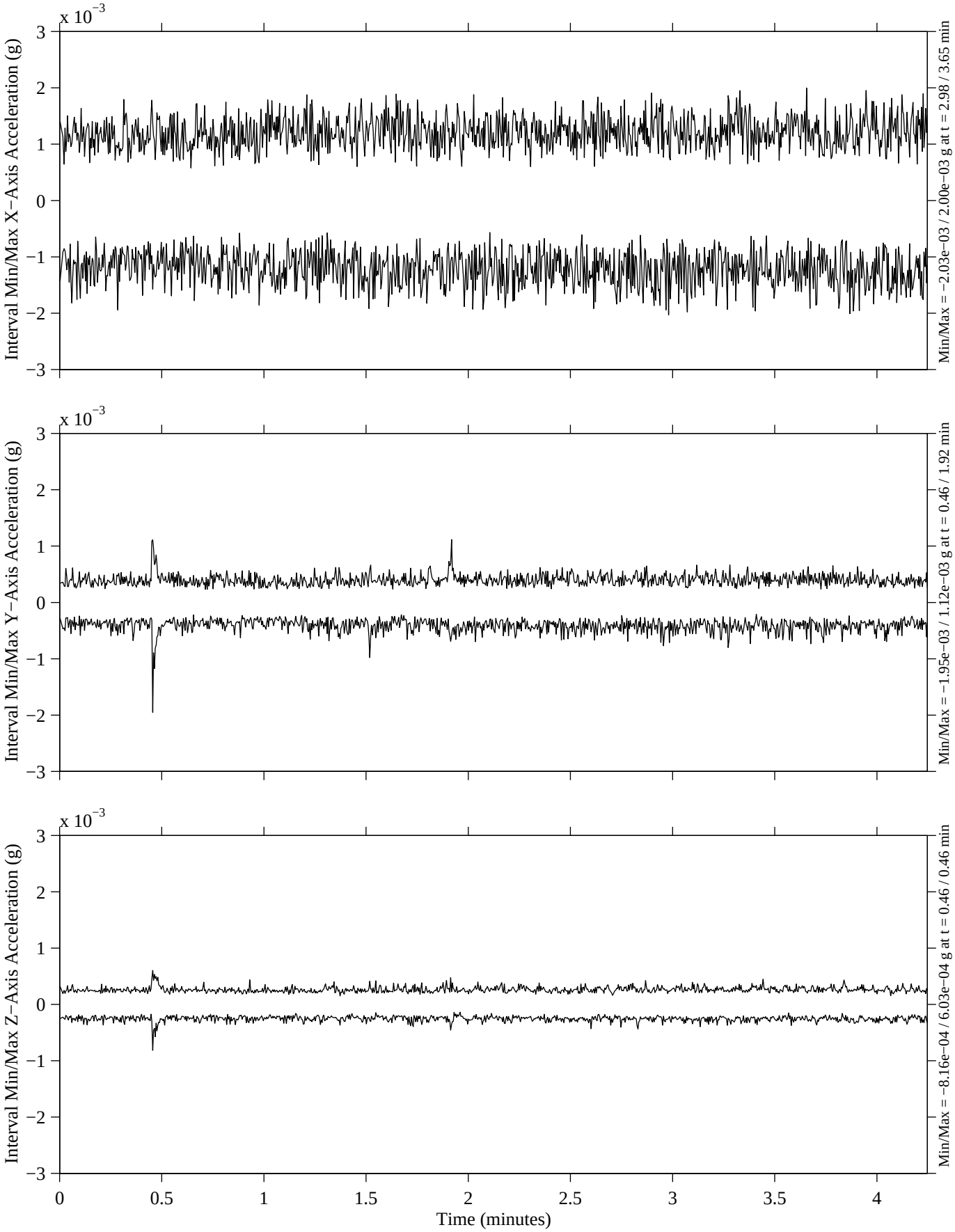


MATLAB: 11−Sep−1999, 09:32 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #8
MET Start at 000/20:17:56.201

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

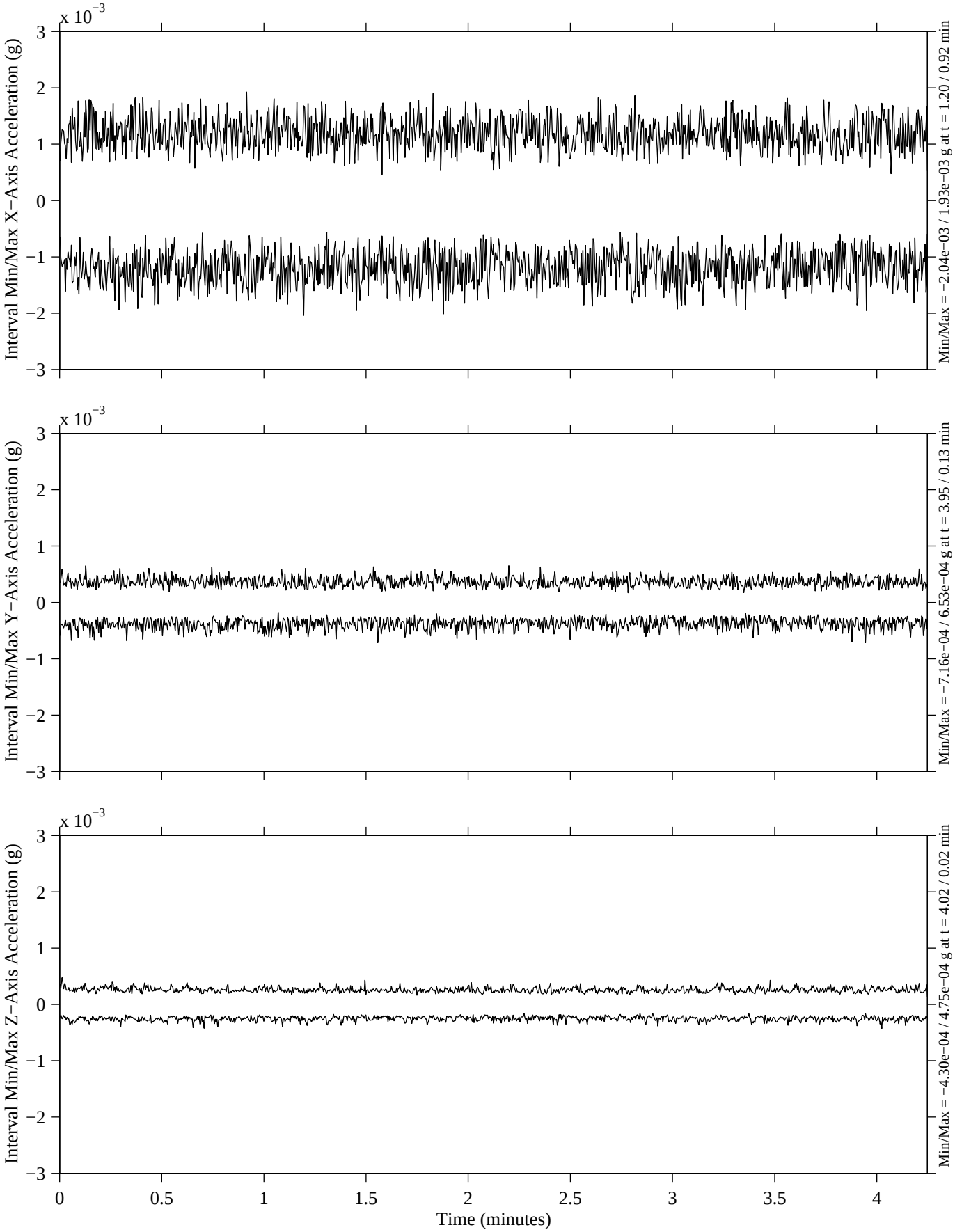


MATLAB: 11−Sep−1999, 09:33 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #9
MET Start at 000/20:23:48.177

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

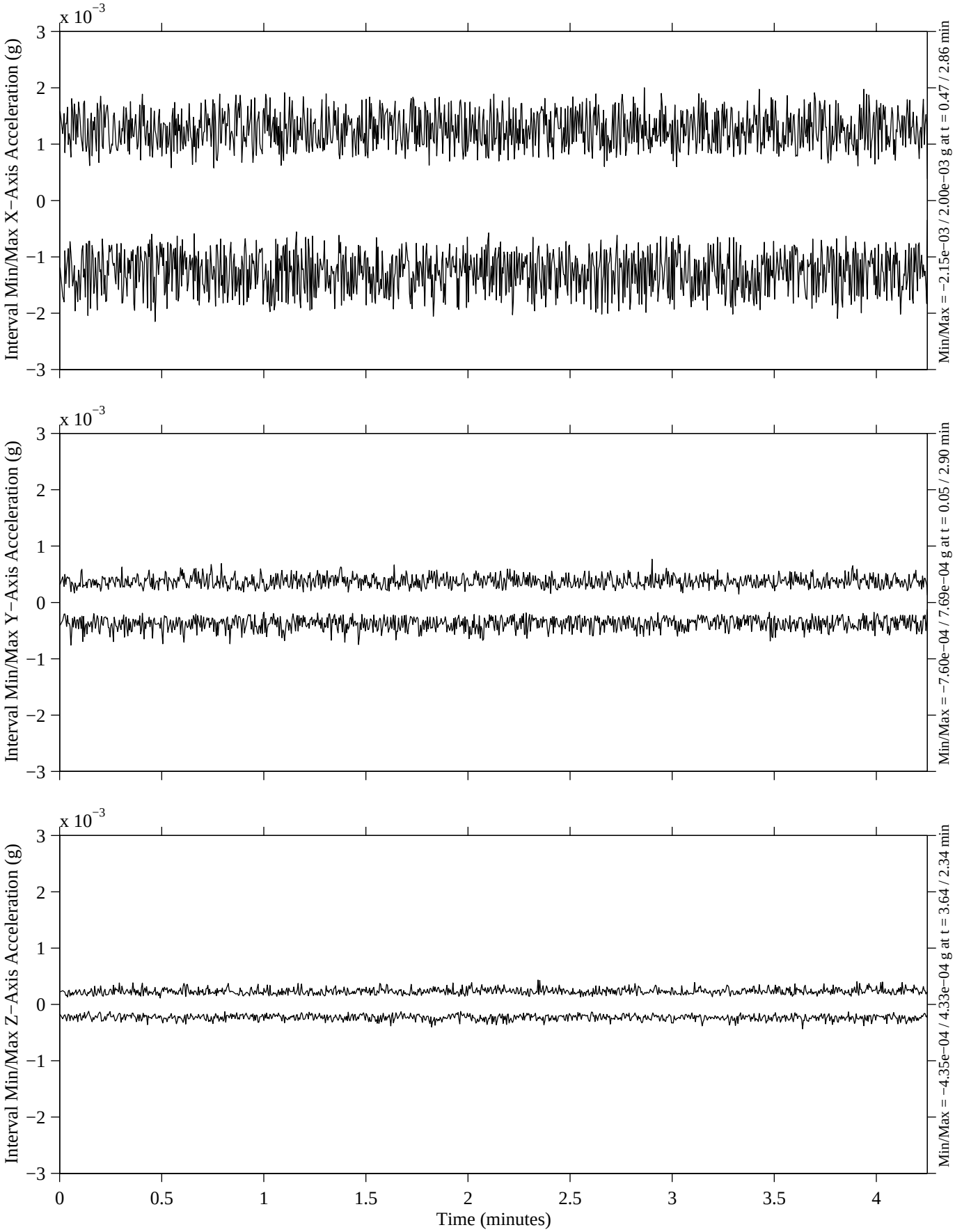


MATLAB: 11−Sep−1999, 09:33 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #10
MET Start at 000/21:26:47.916

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.3 minutes

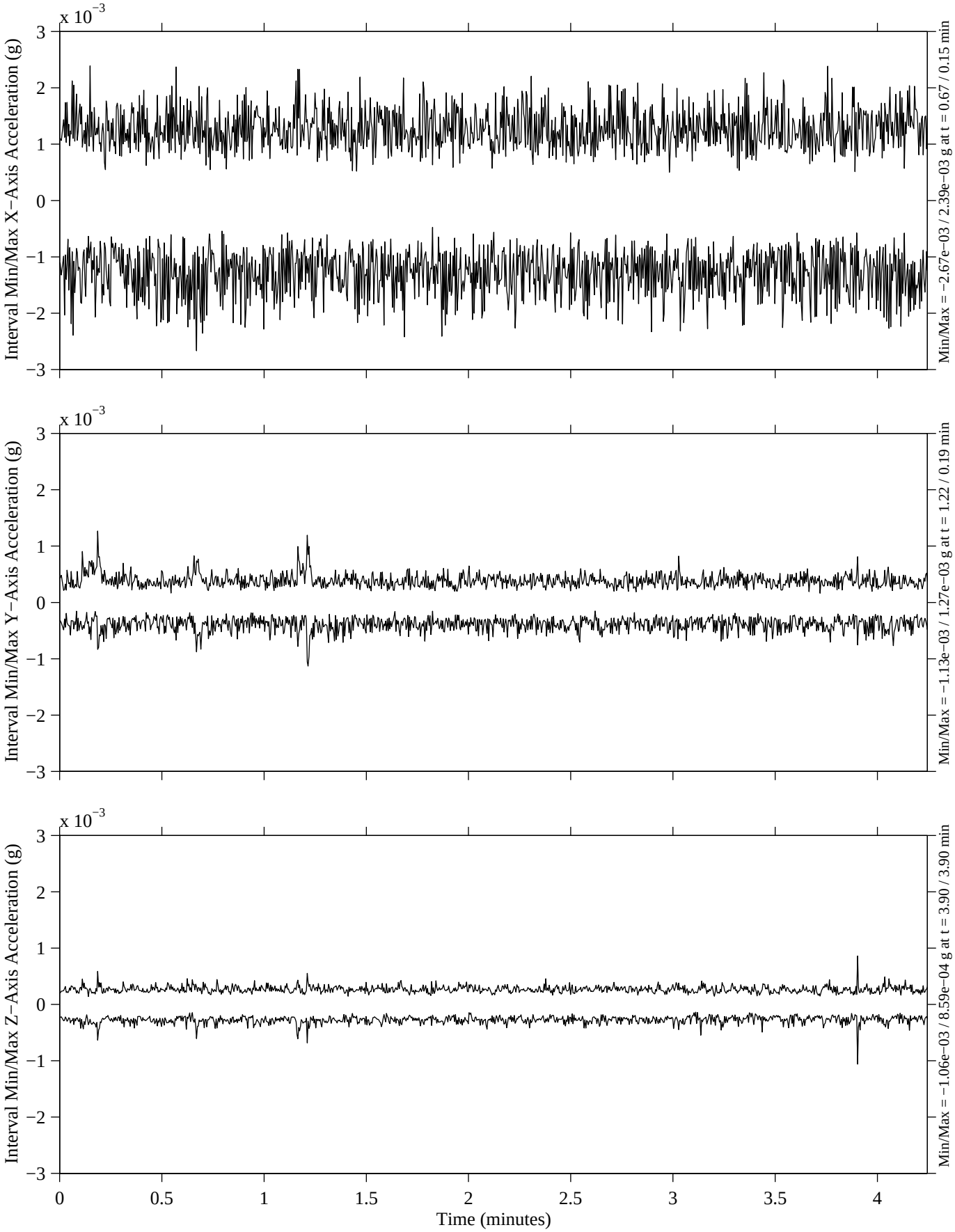


MATLAB: 11−Sep−1999, 09:33 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #11
MET Start at 001/00:58:30.047

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

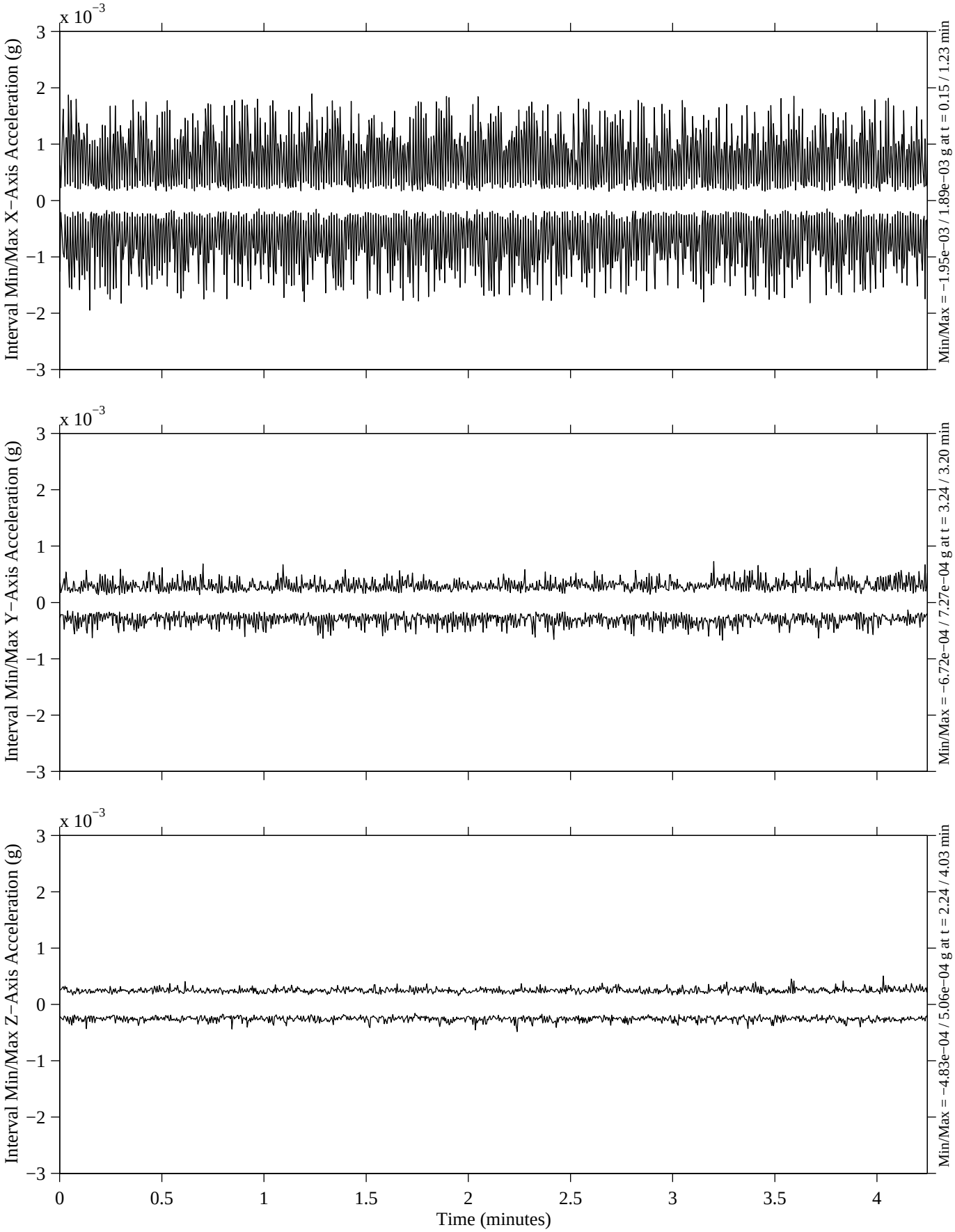


MATLAB: 11−Sep−1999, 09:34 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #12
MET Start at 001/14:22:40.953

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

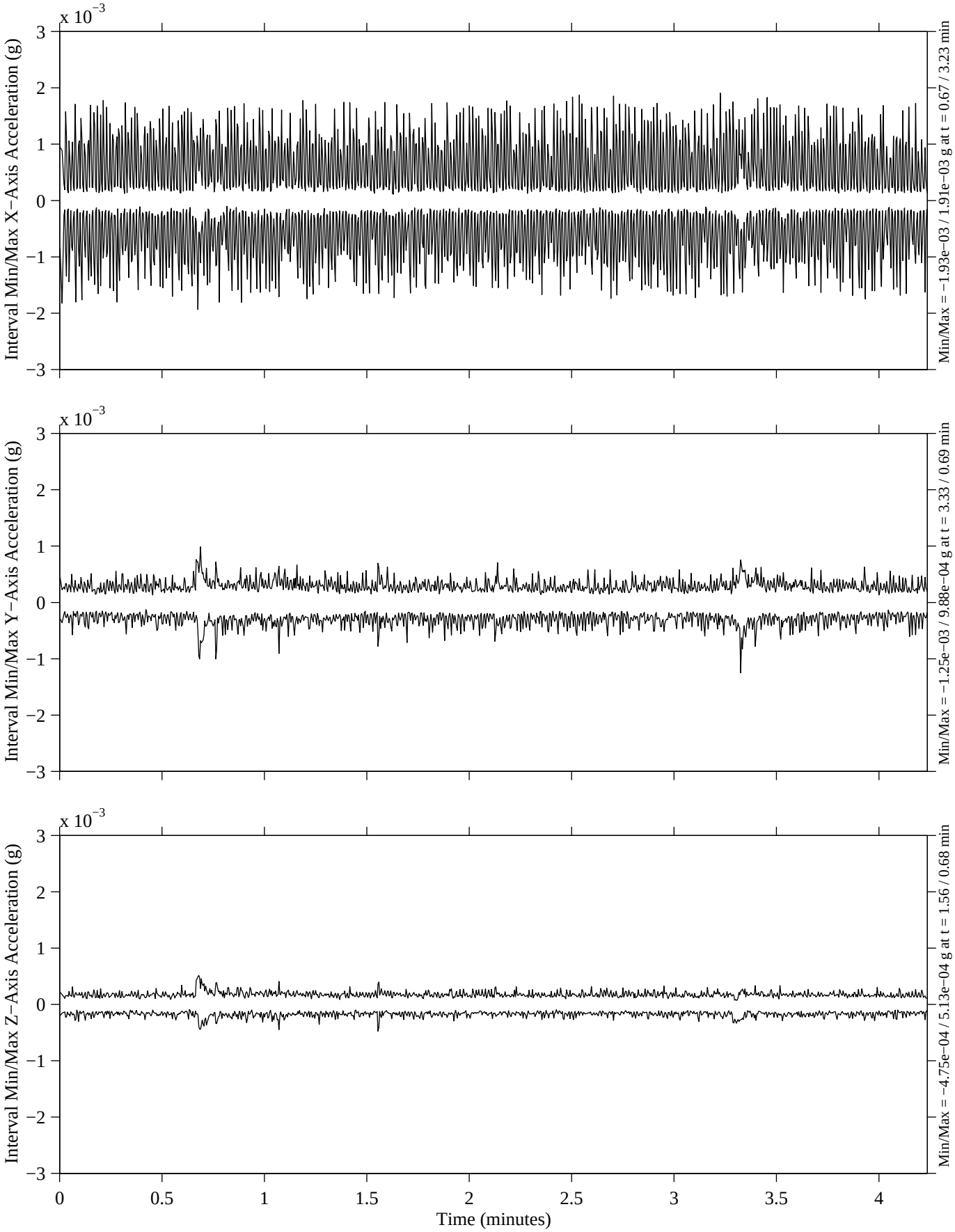


MATLAB: 11−Sep−1999, 09:34 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #13
MET Start at 001/16:41:12.381

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

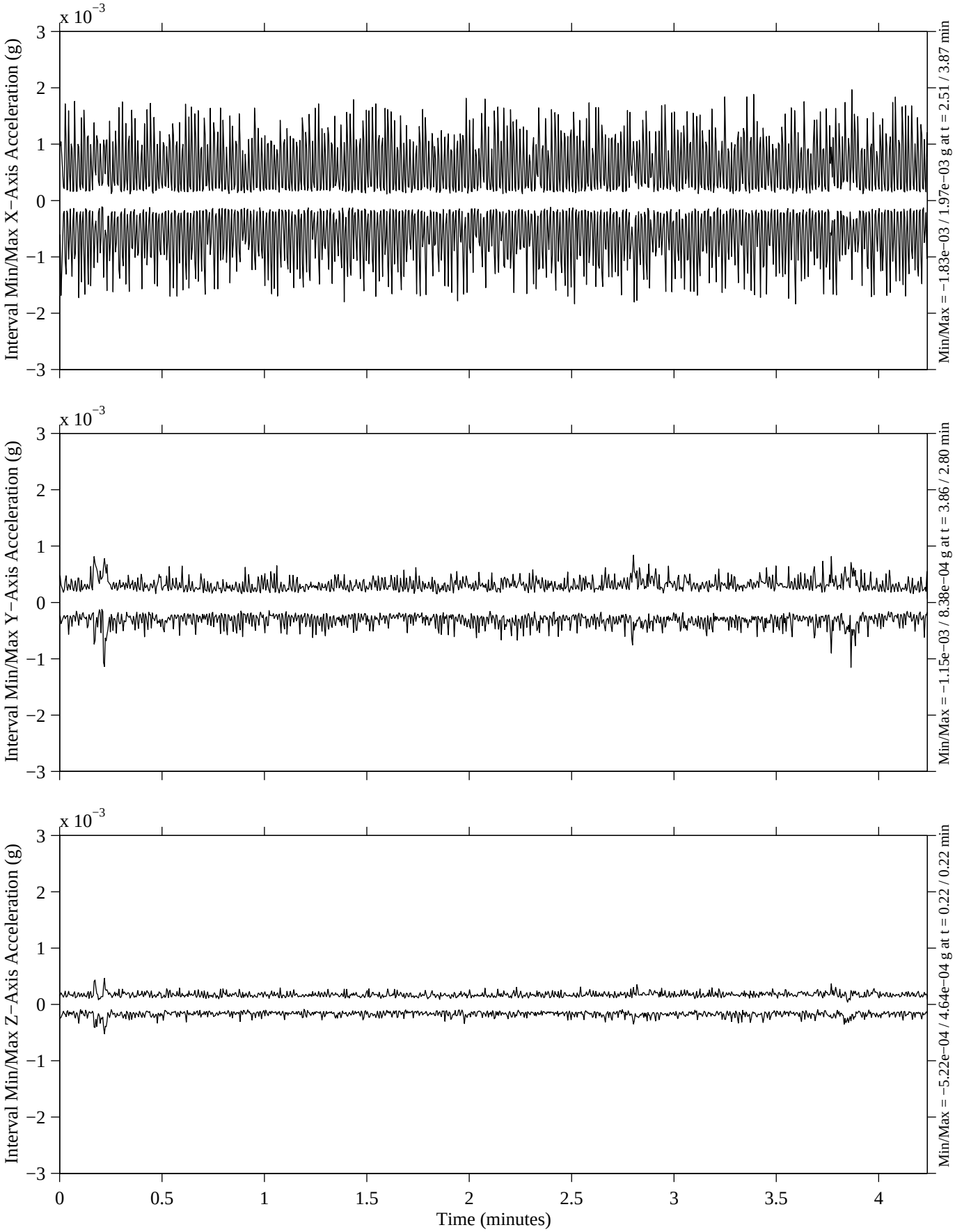


MATLAB: 11−Sep−1999, 09:34 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #14
MET Start at 001/16:46:34.369

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

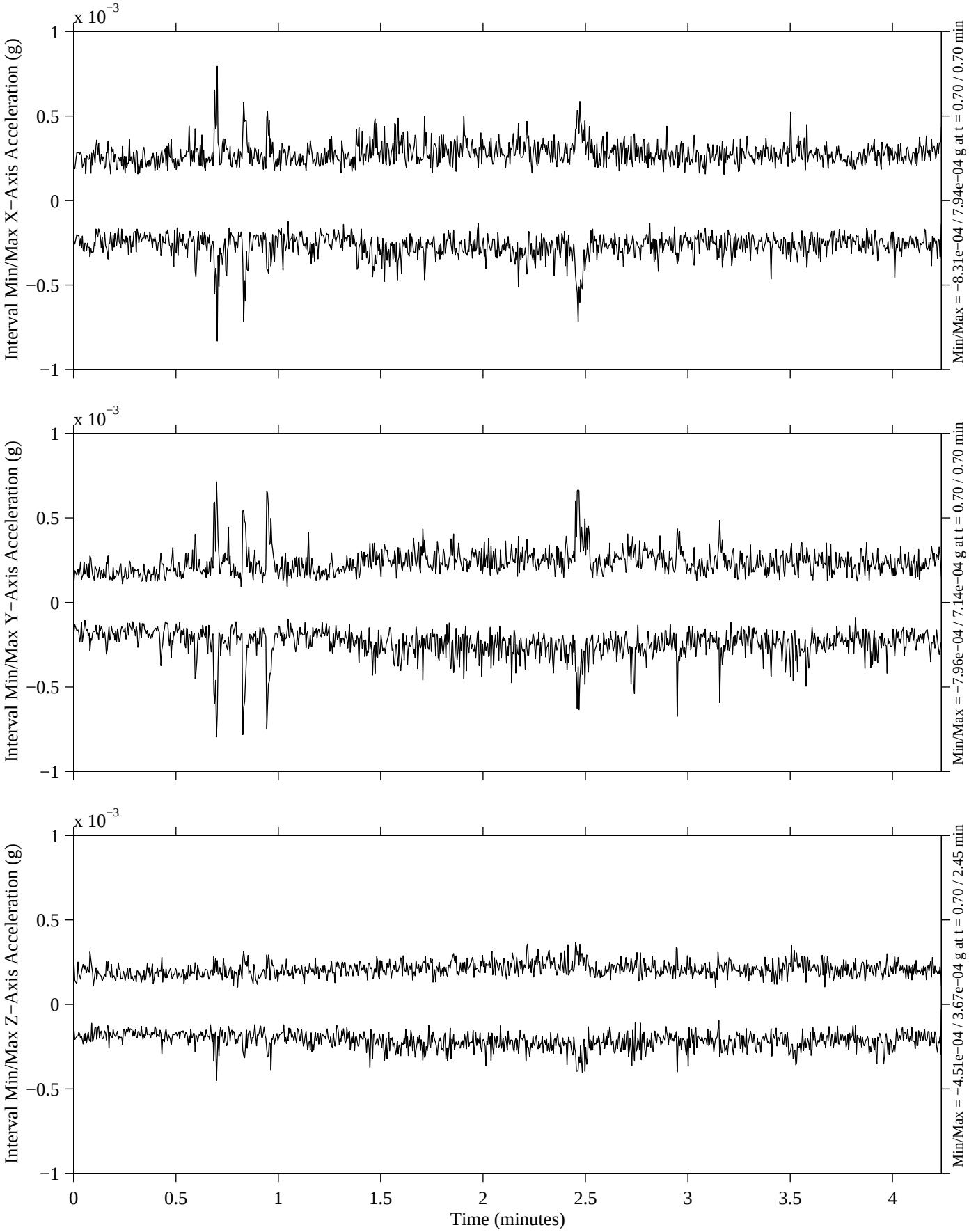


MATLAB: 11−Sep−1999, 09:35 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #15
MET Start at 002/04:23:58.240

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

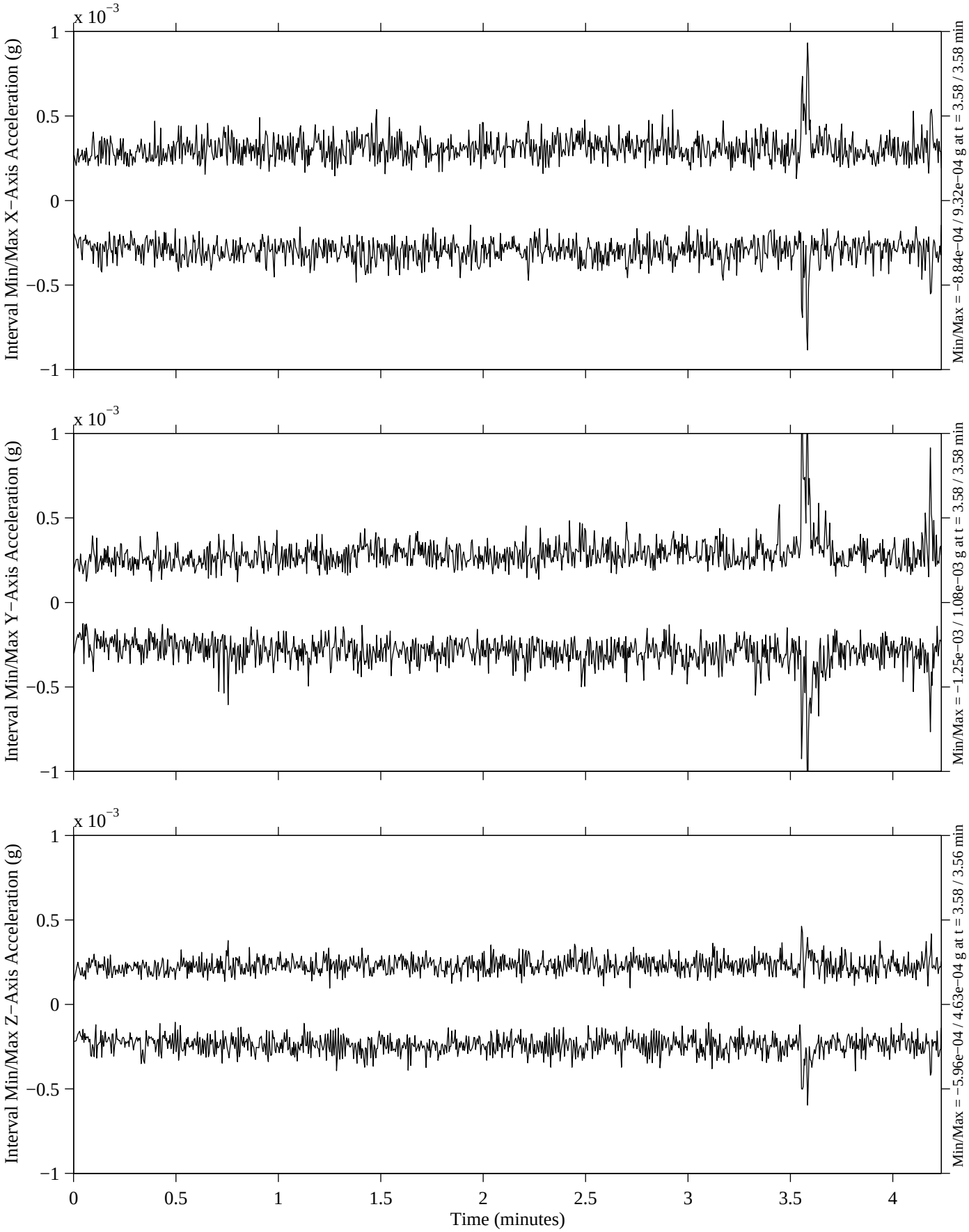


MATLAB: 30−Jul−1999, 11:44 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #16
MET Start at 002/04:28:48.219

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

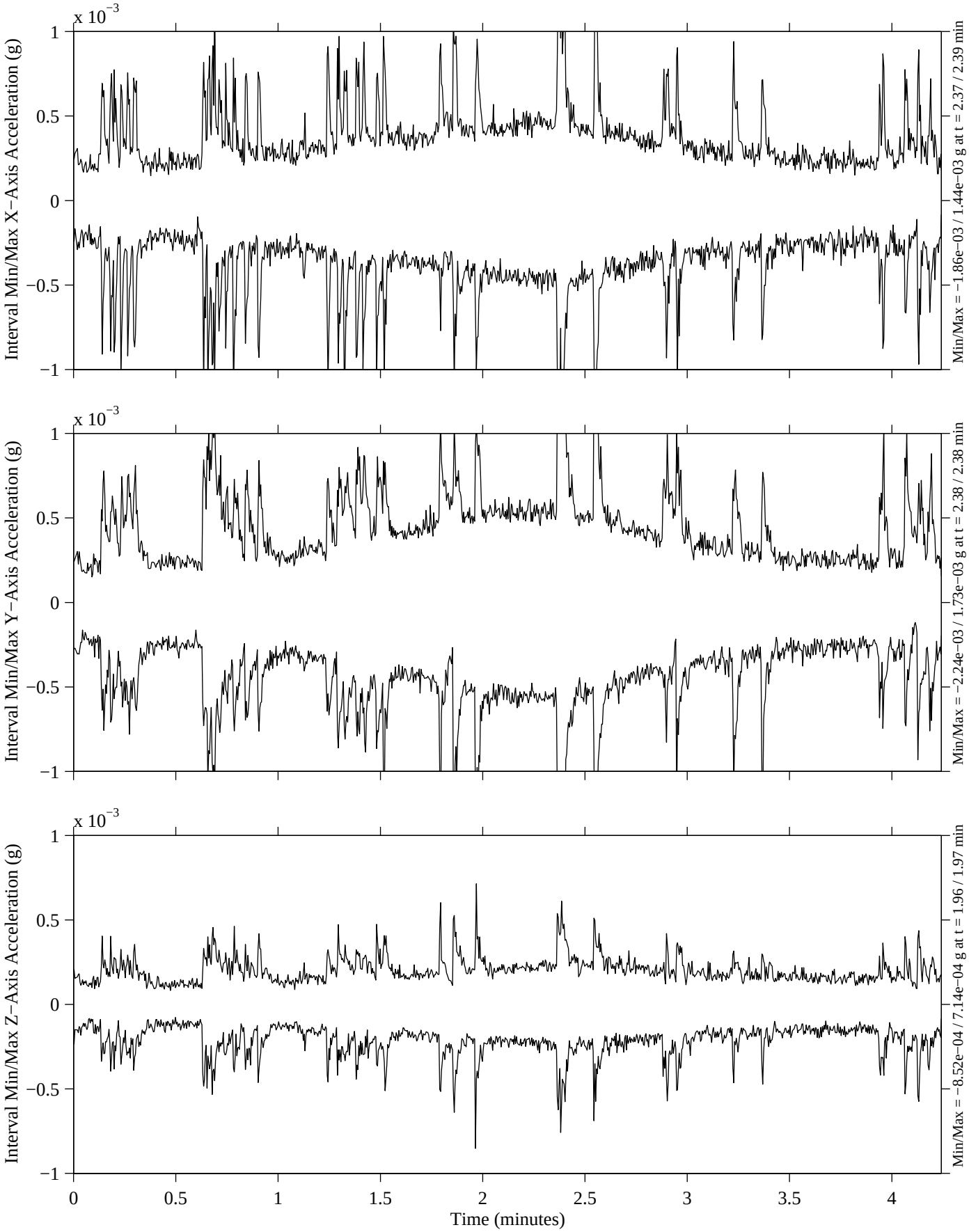


MATLAB: 30−Jul−1999, 11:45 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #17
MET Start at 002/18:22:02.815

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

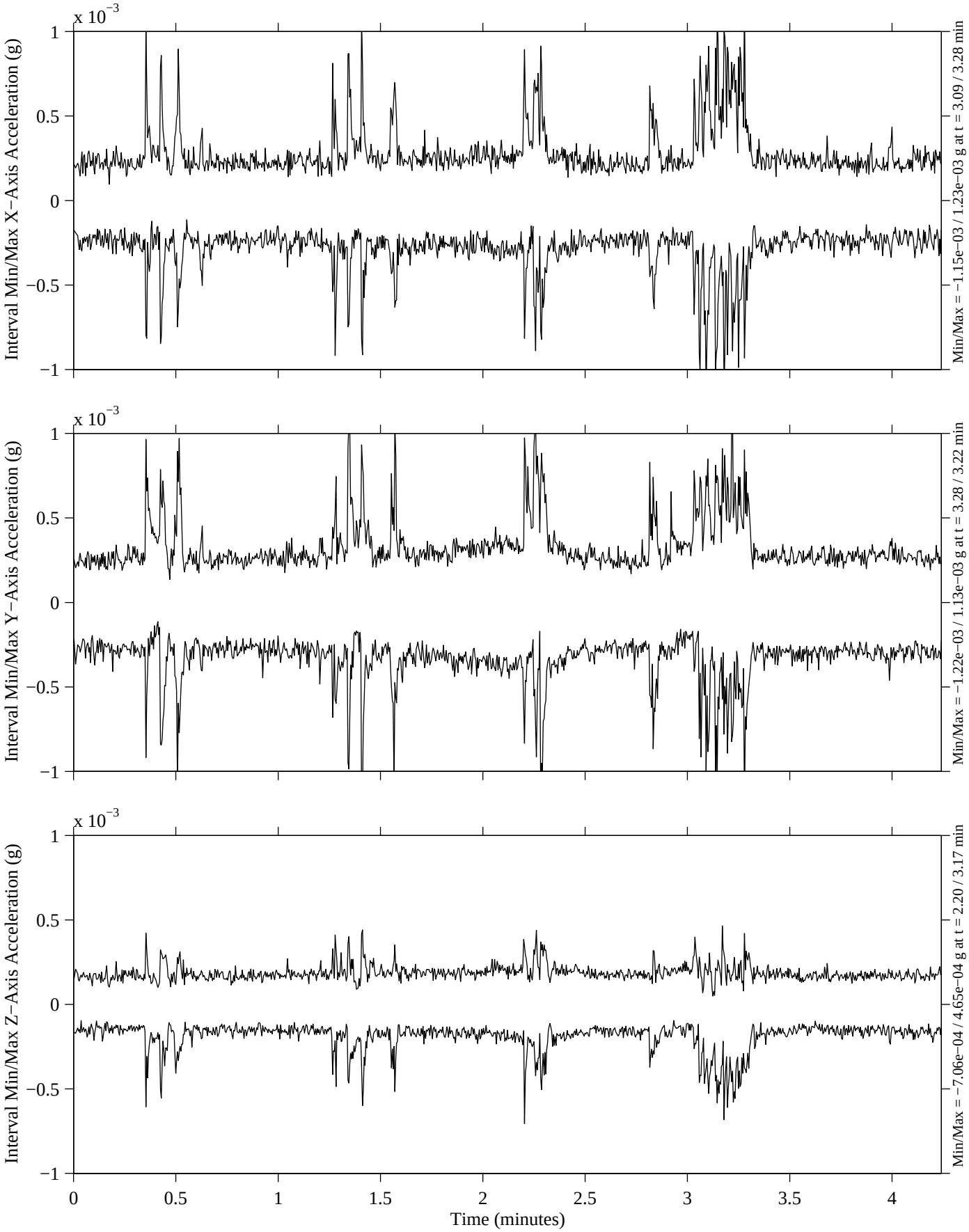


MATLAB: 30−Jul−1999, 11:46 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #18
MET Start at 002/18:26:49.796

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

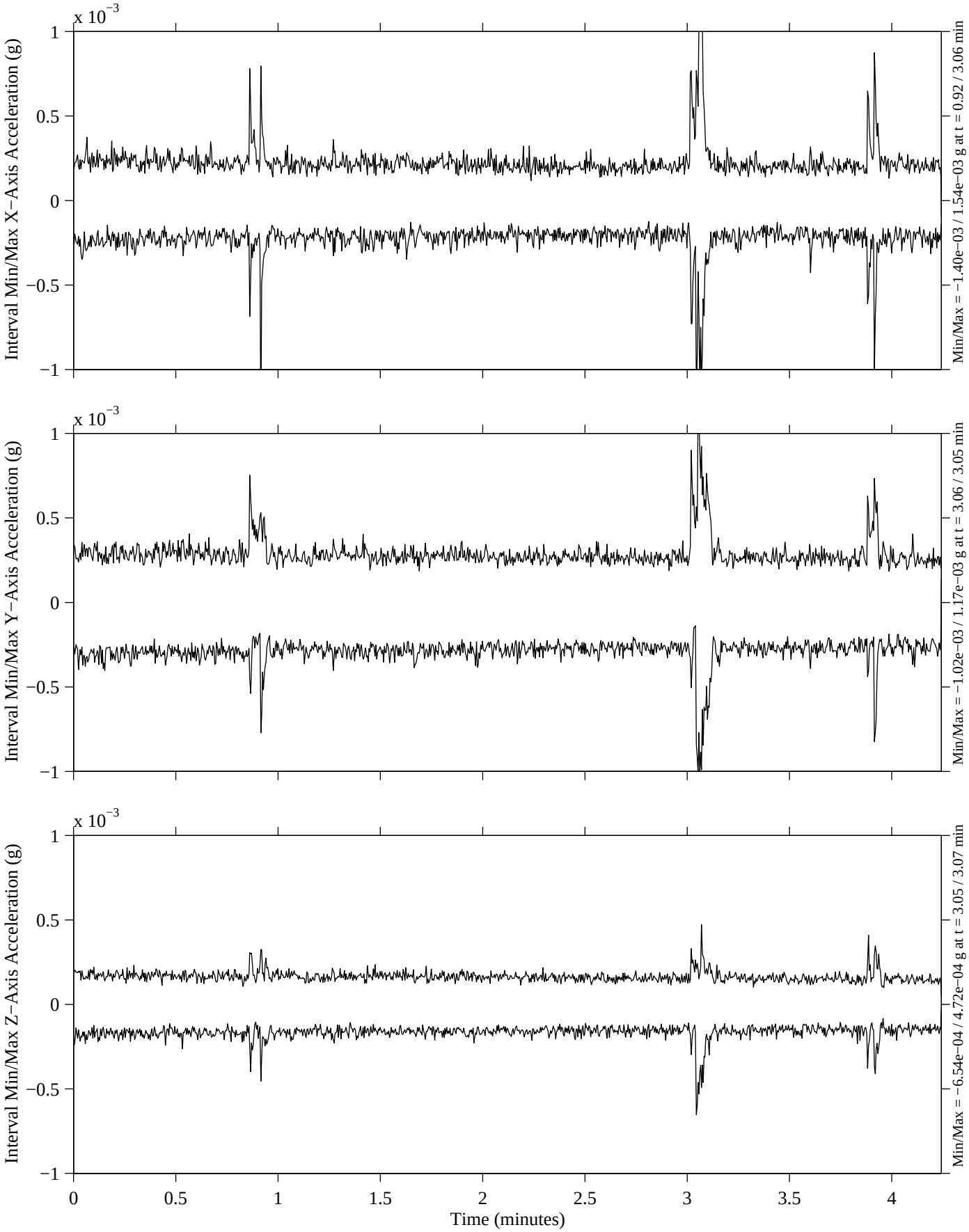


MATLAB: 30−Jul−1999, 11:48 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #19
MET Start at 002/18:31:33.775

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

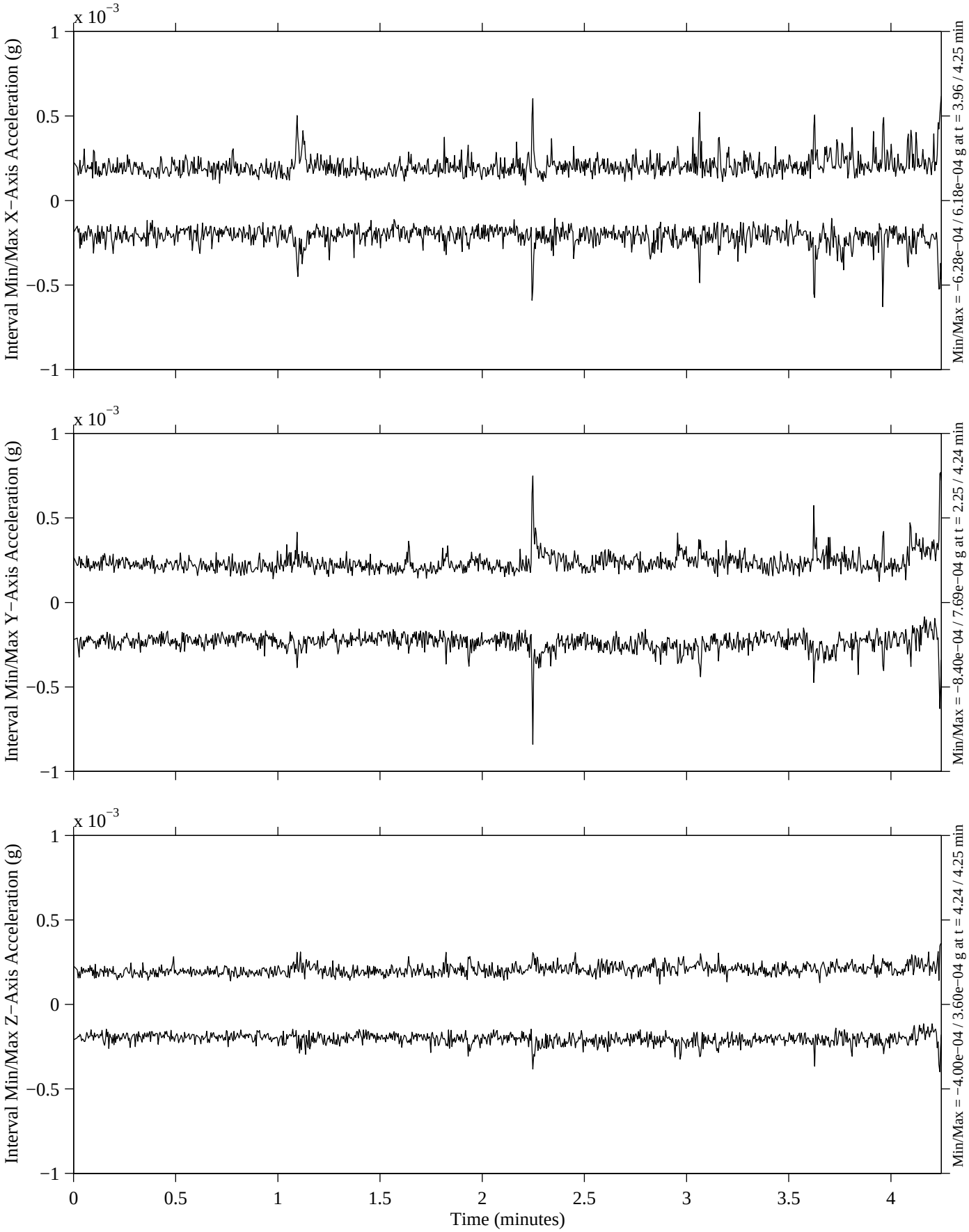


MATLAB: 30−Jul−1999, 11:49 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #20
MET Start at 002/20:19:12.344

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

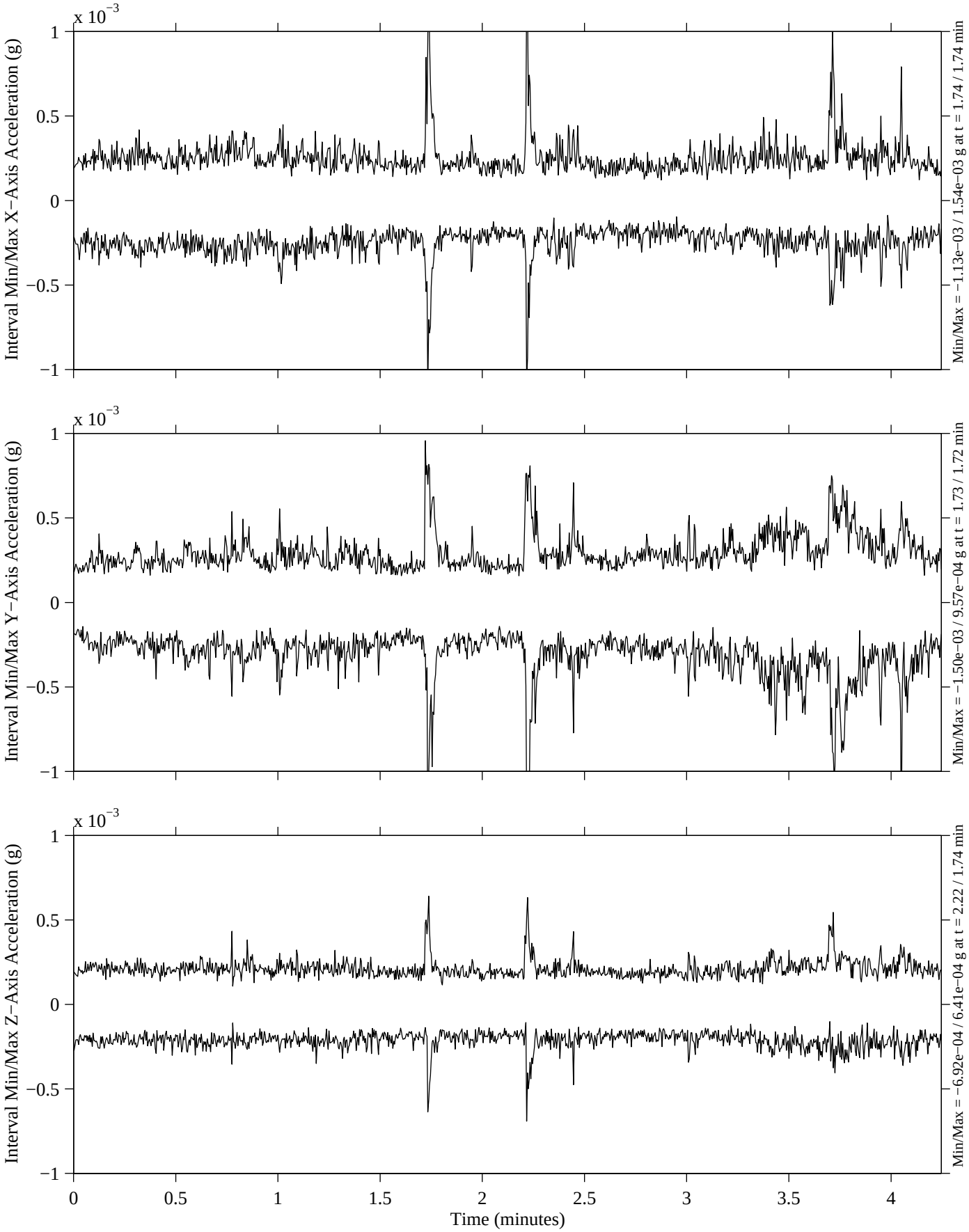


MATLAB: 30−Jul−1999, 11:51 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #21
MET Start at 002/20:24:01.326

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

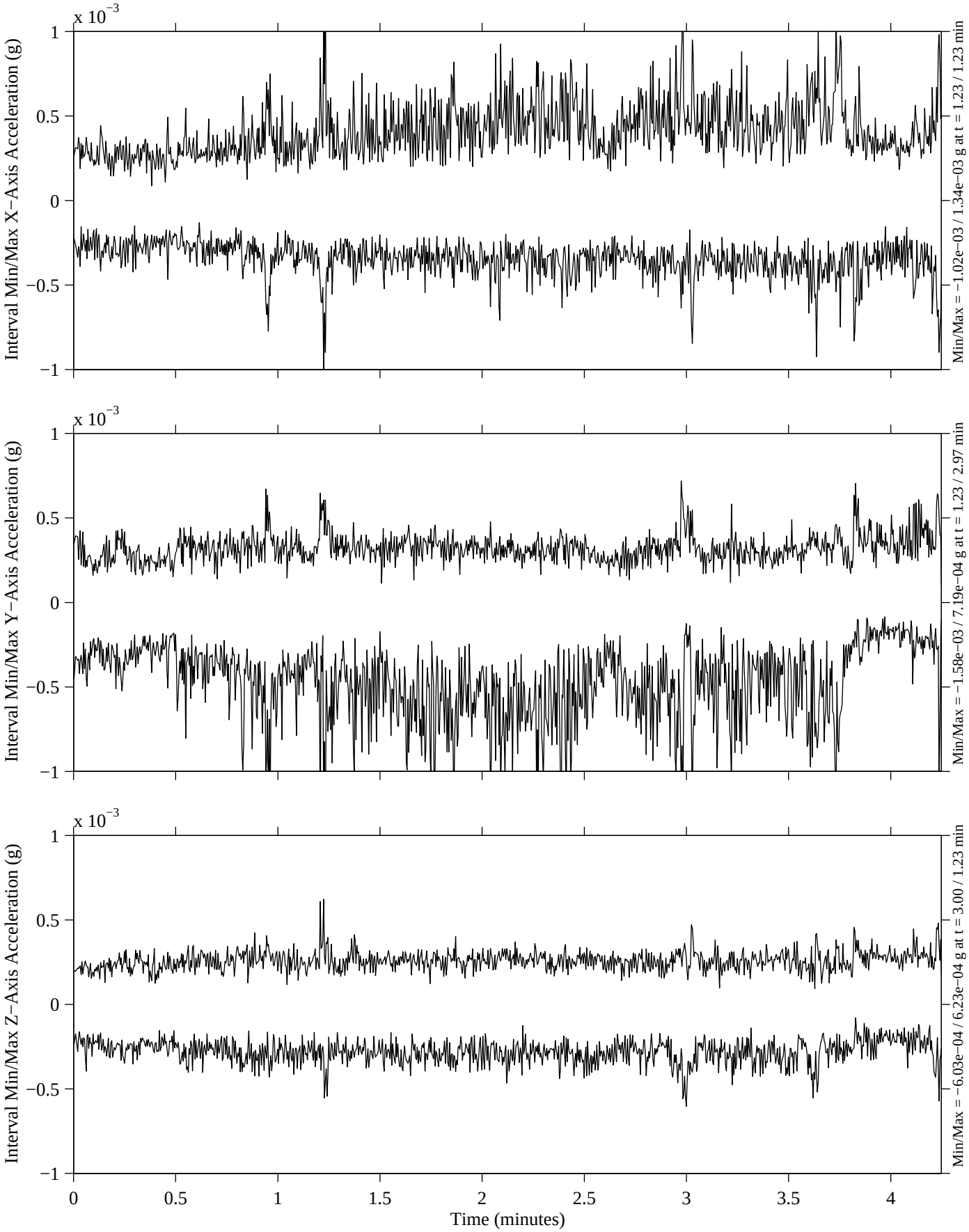


MATLAB: 30−Jul−1999, 11:52 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #22
MET Start at 002/20:28:50.306

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

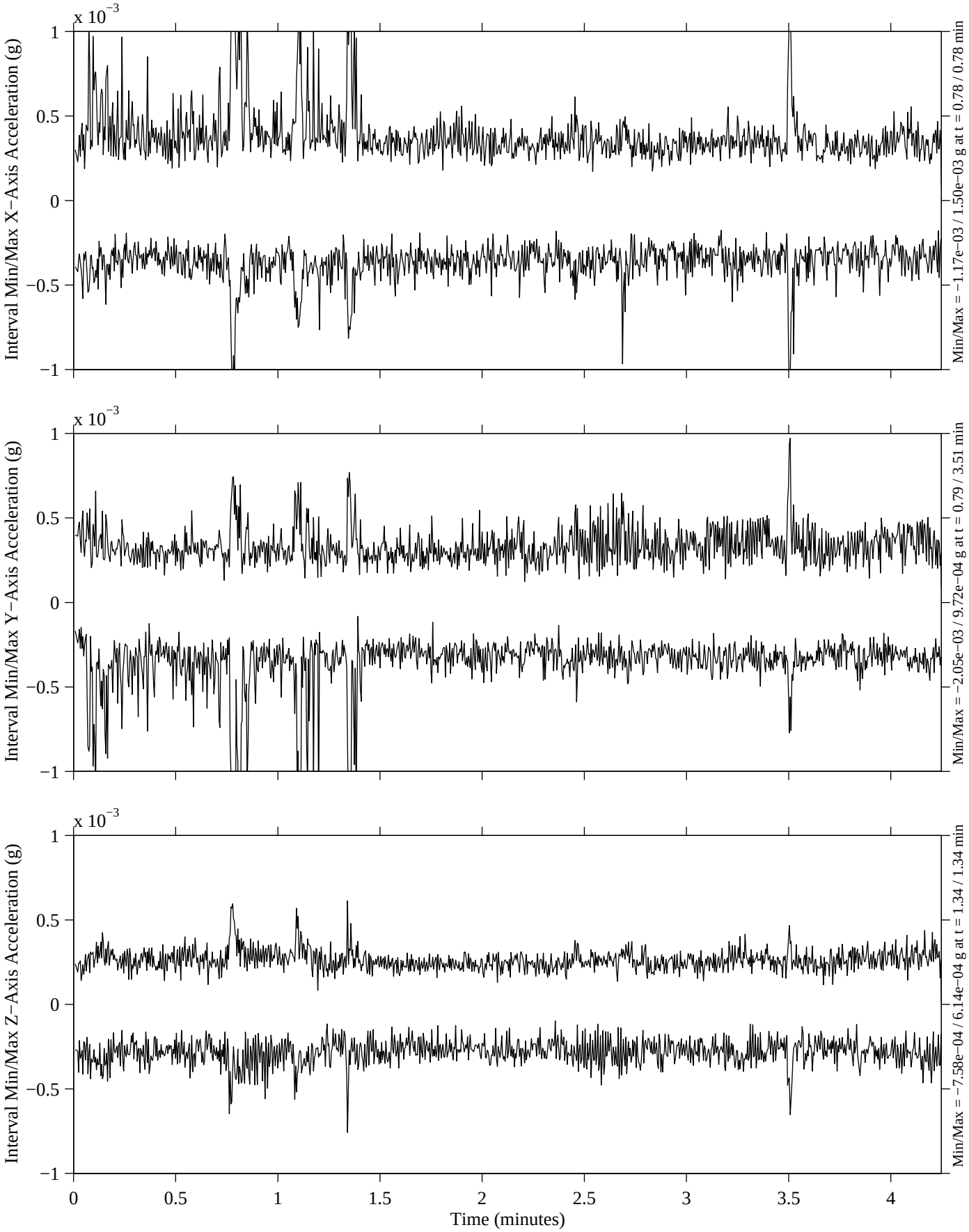


MATLAB: 30−Jul−1999, 11:53 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #23
MET Start at 002/20:33:36.285

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

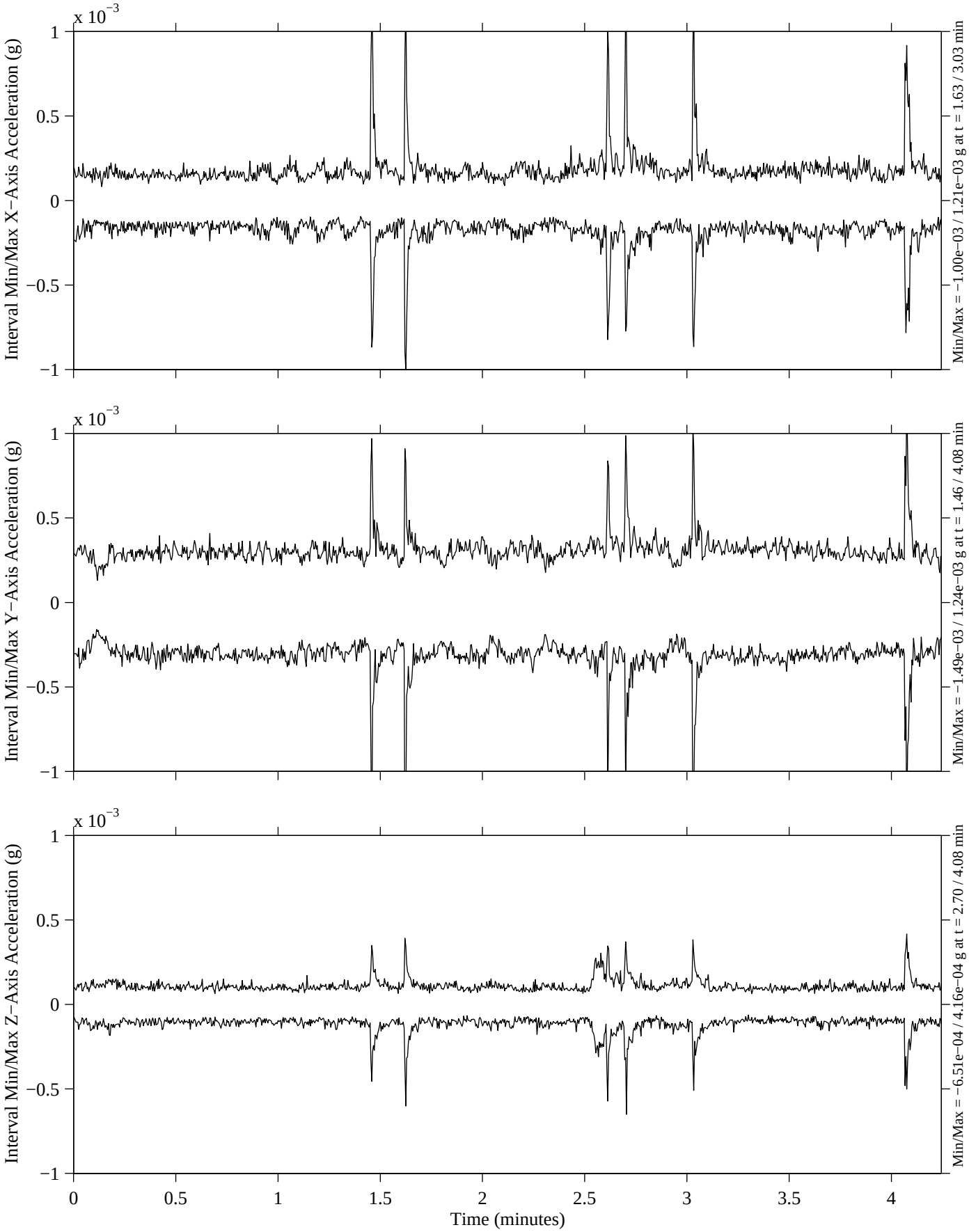


MATLAB: 30−Jul−1999, 11:54 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #24
MET Start at 003/15:17:32.962

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

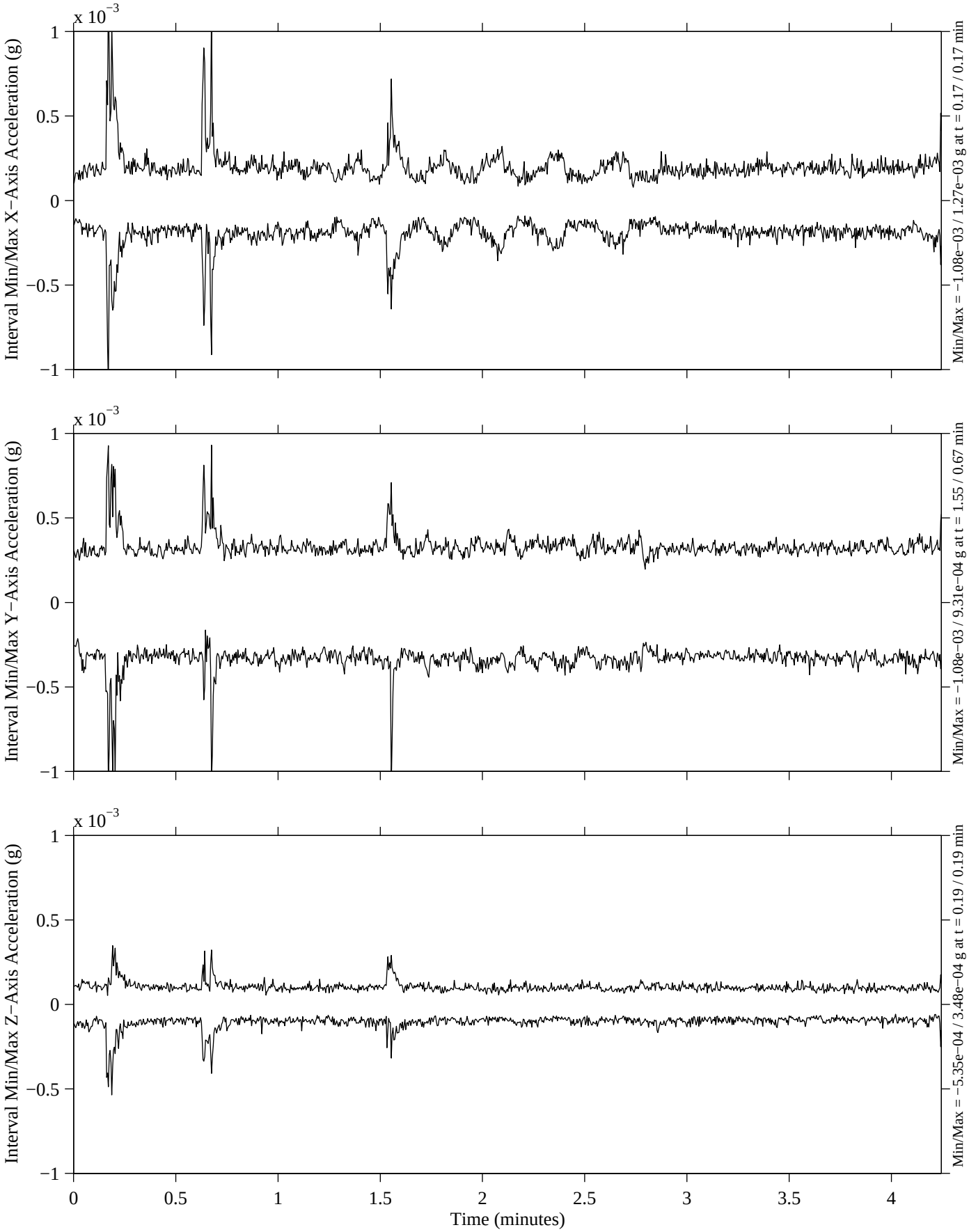


MATLAB: 30−Jul−1999, 11:56 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #25
MET Start at 003/15:23:18.935

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

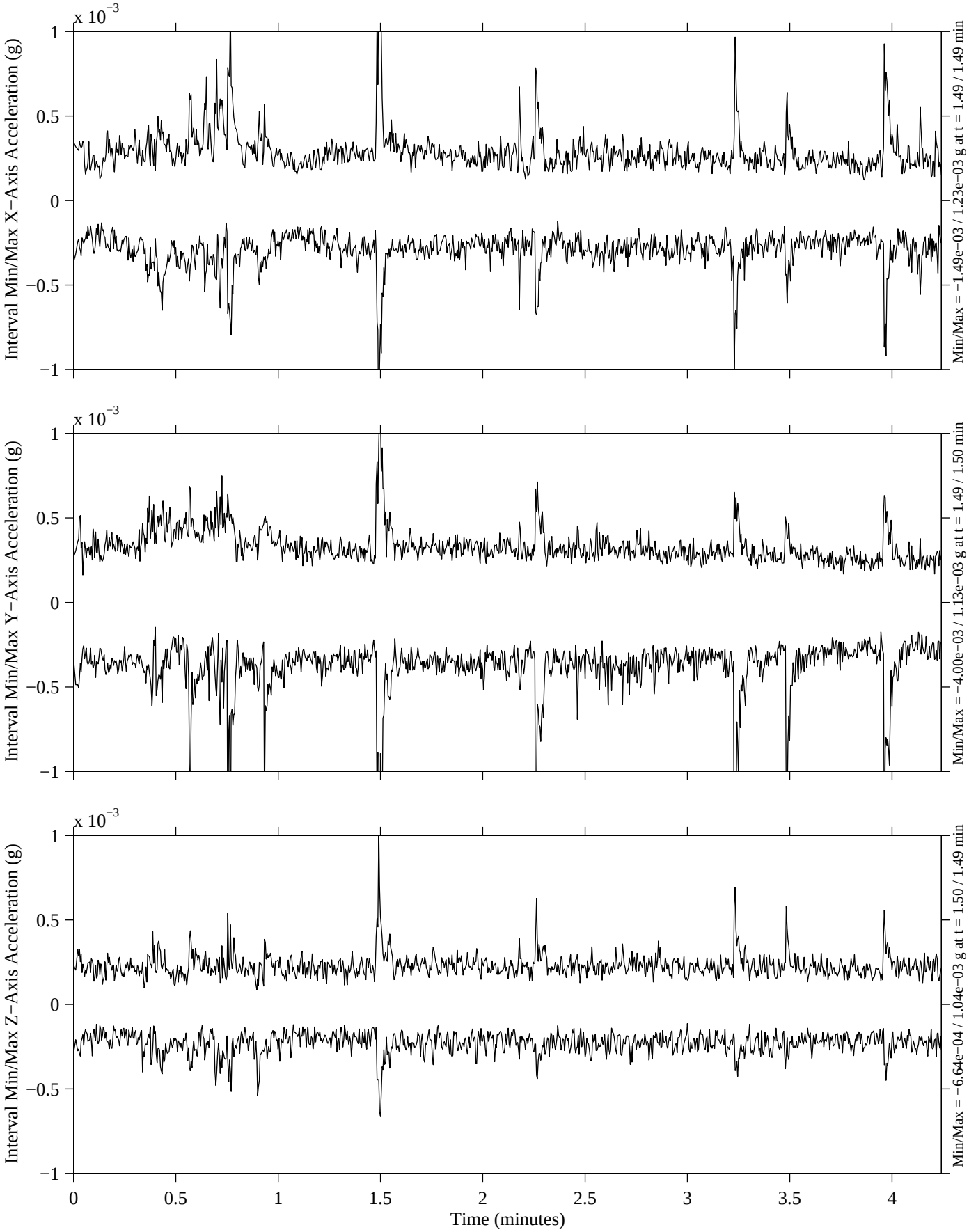


MATLAB: 30−Jul−1999, 11:57 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #26
MET Start at 003/22:06:54.282

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

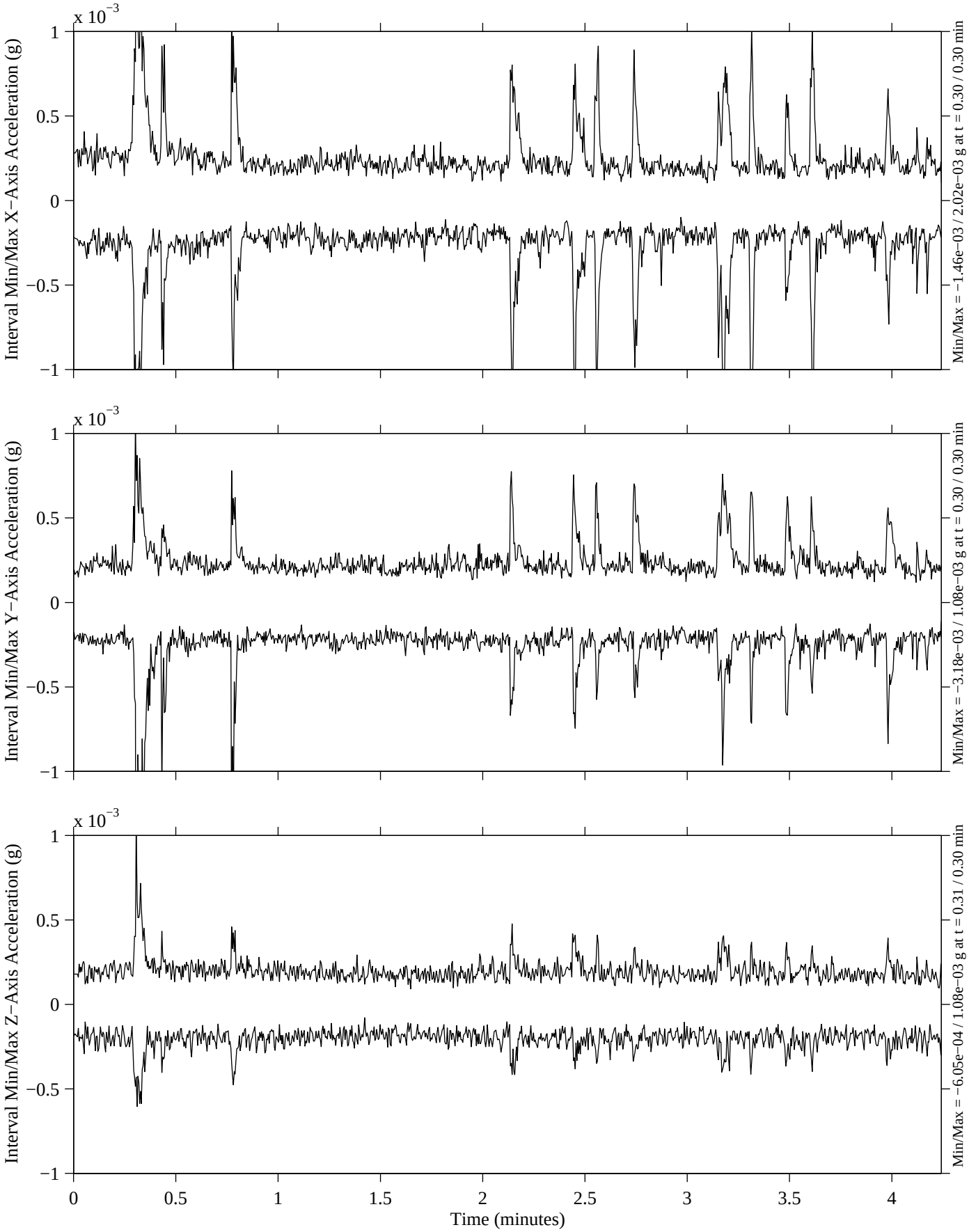


MATLAB: 30−Jul−1999, 11:58 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #27
MET Start at 003/22:11:40.262

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

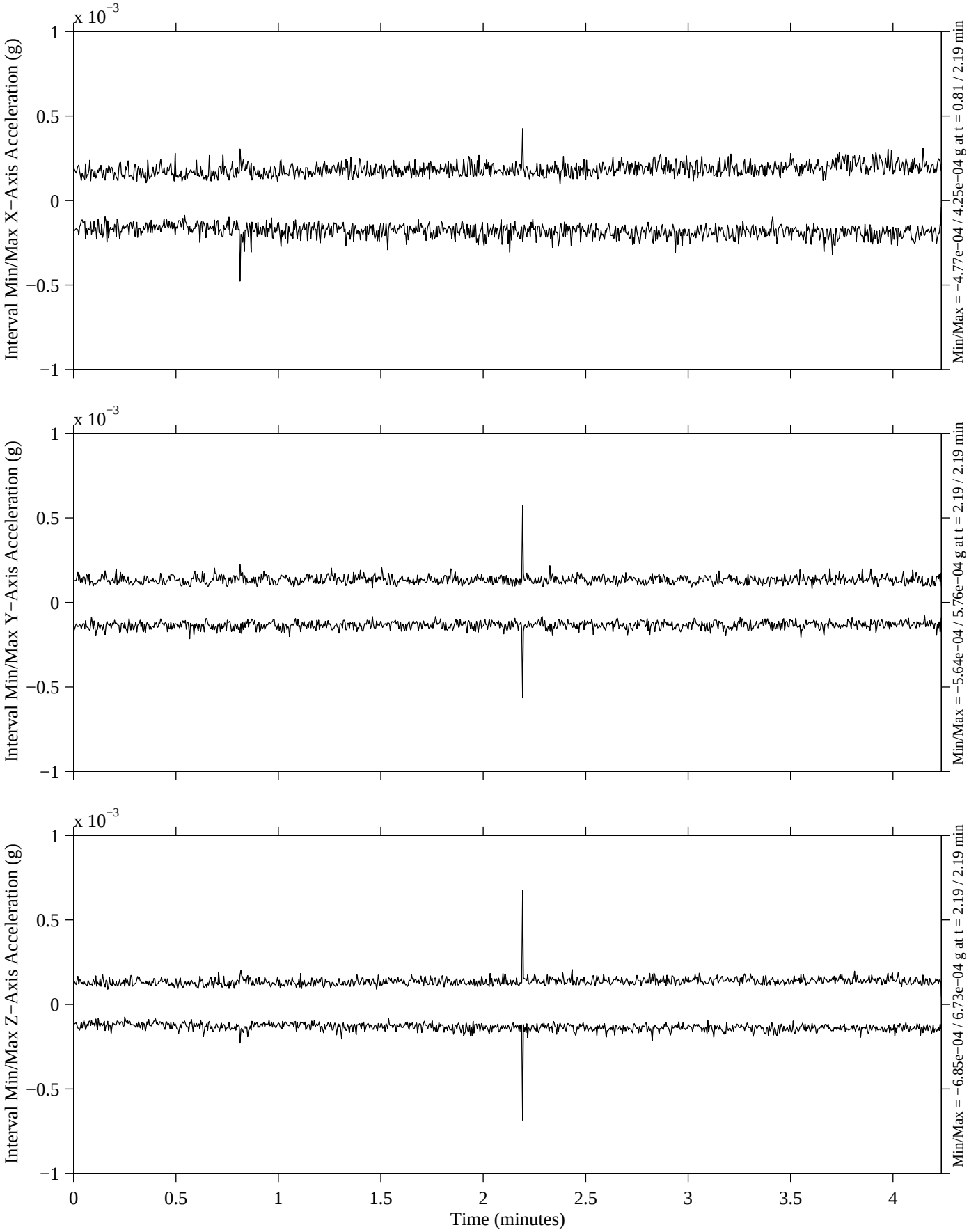


MATLAB: 30−Jul−1999, 12:00 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #28
MET Start at 004/09:06:55.970

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

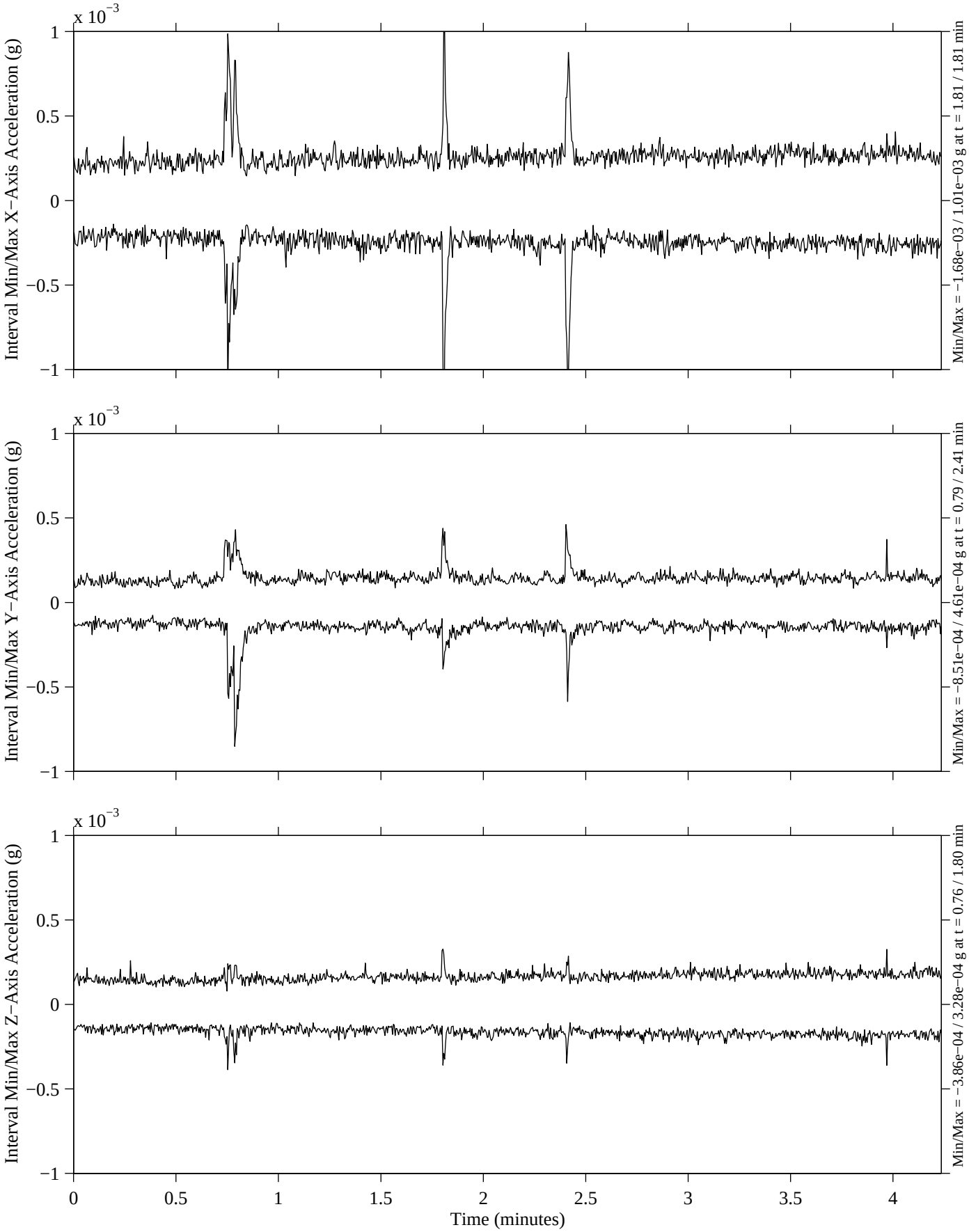


MATLAB: 30−Jul−1999, 12:01 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #29
MET Start at 004/09:11:43.951

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

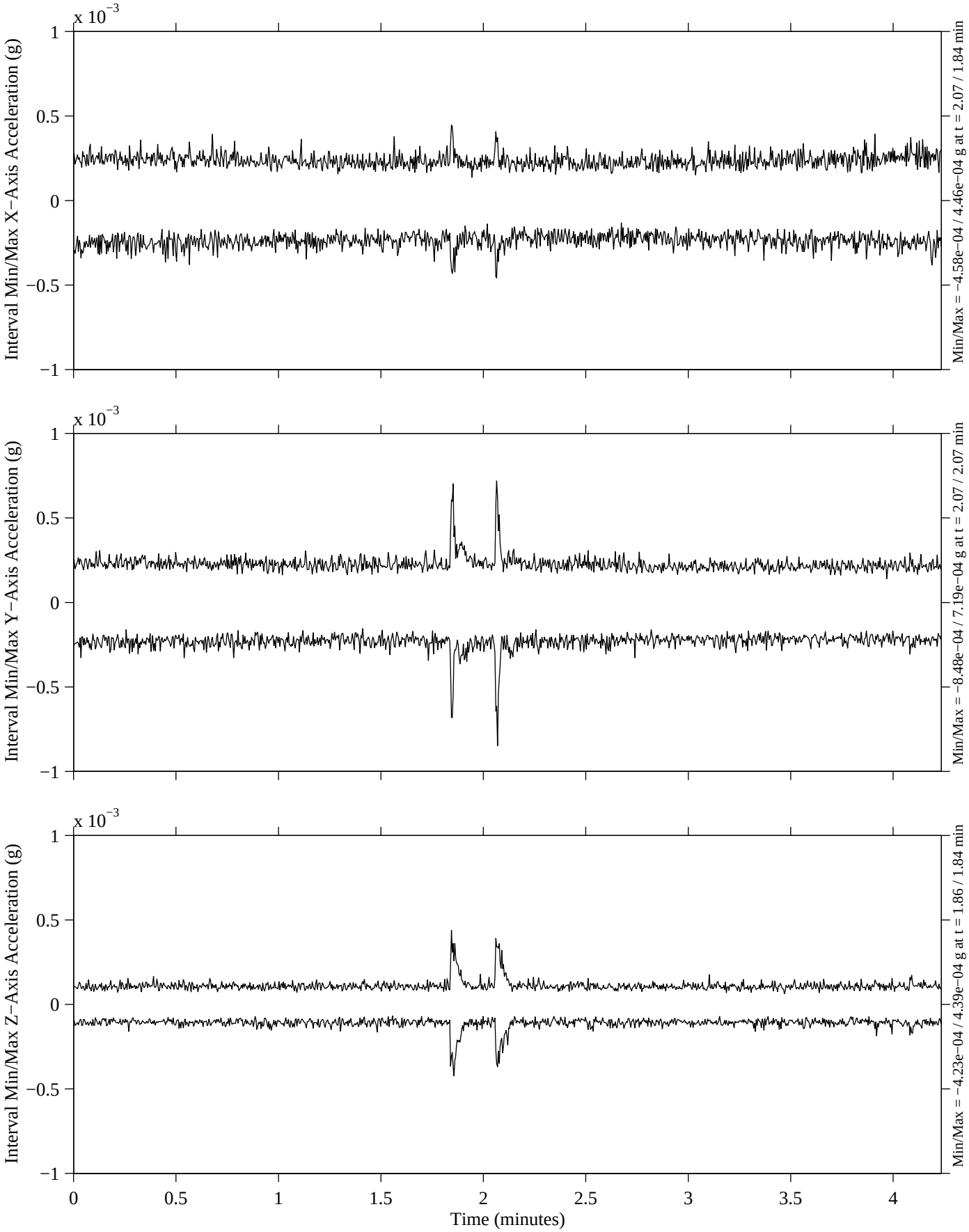


MATLAB: 30−Jul−1999, 12:02 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #30
MET Start at 005/09:04:38.073

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

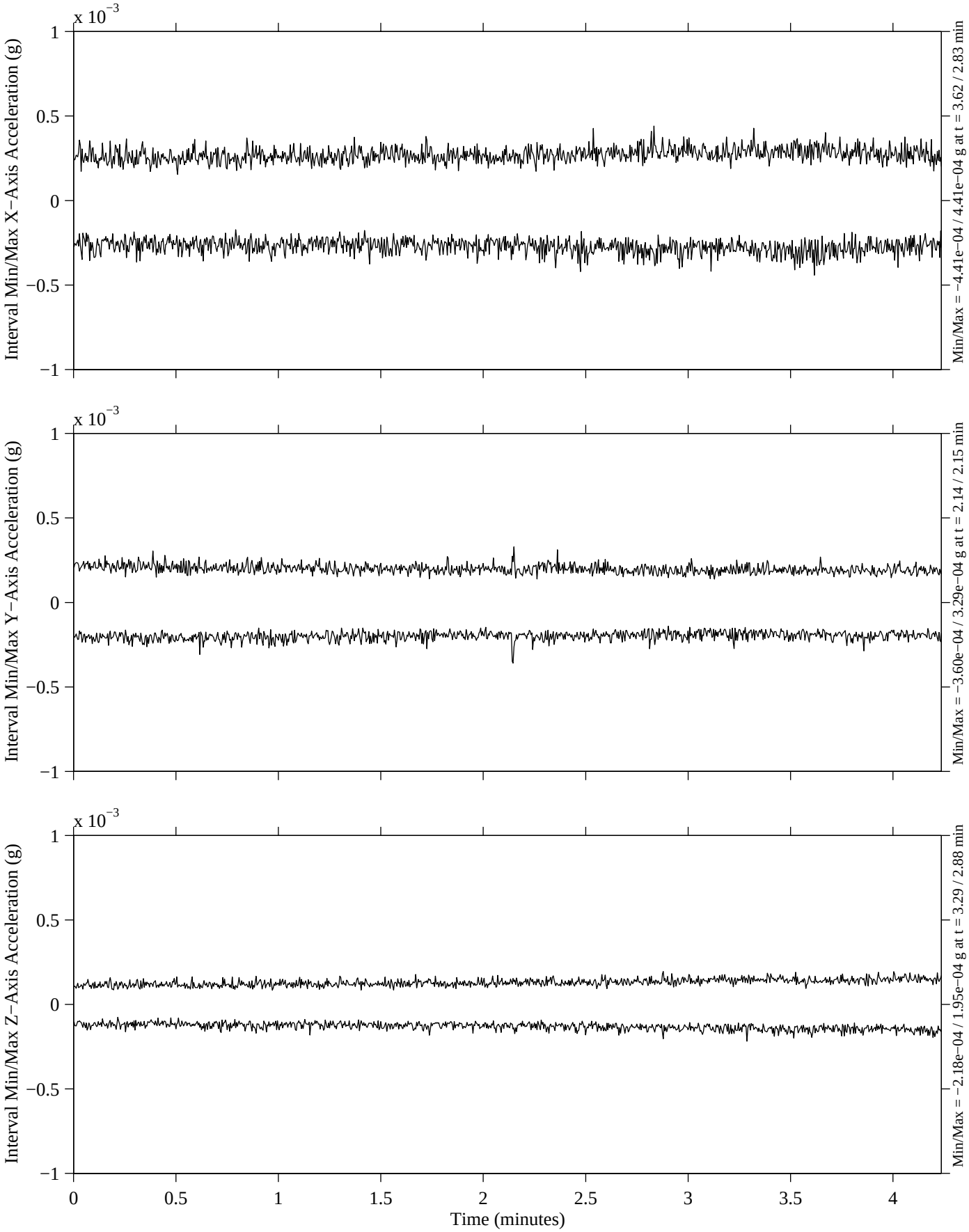


MATLAB: 30−Jul−1999, 12:04 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #31
MET Start at 005/09:09:26.053

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

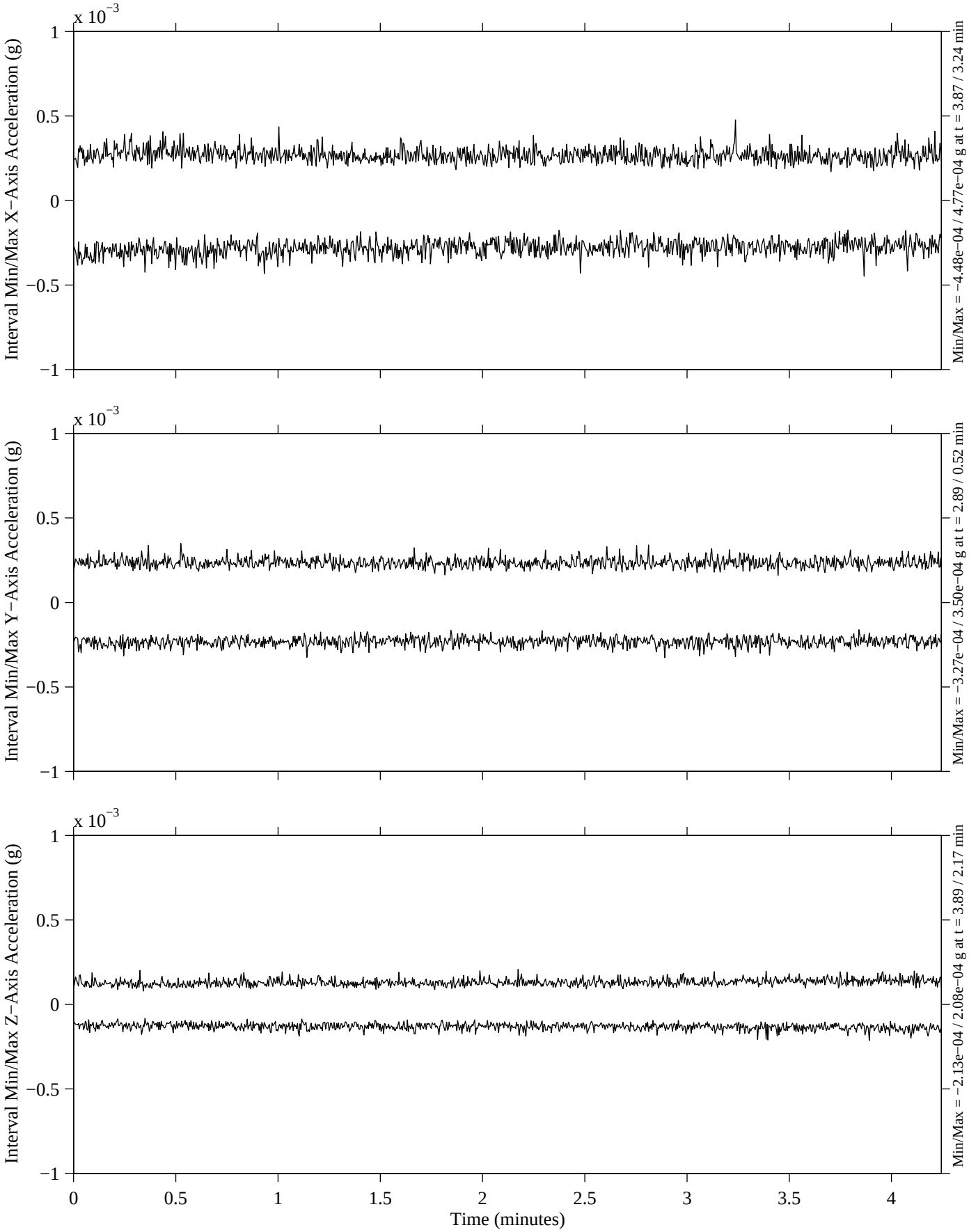


MATLAB: 30−Jul−1999, 12:05 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #32
MET Start at 005/15:00:45.949

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

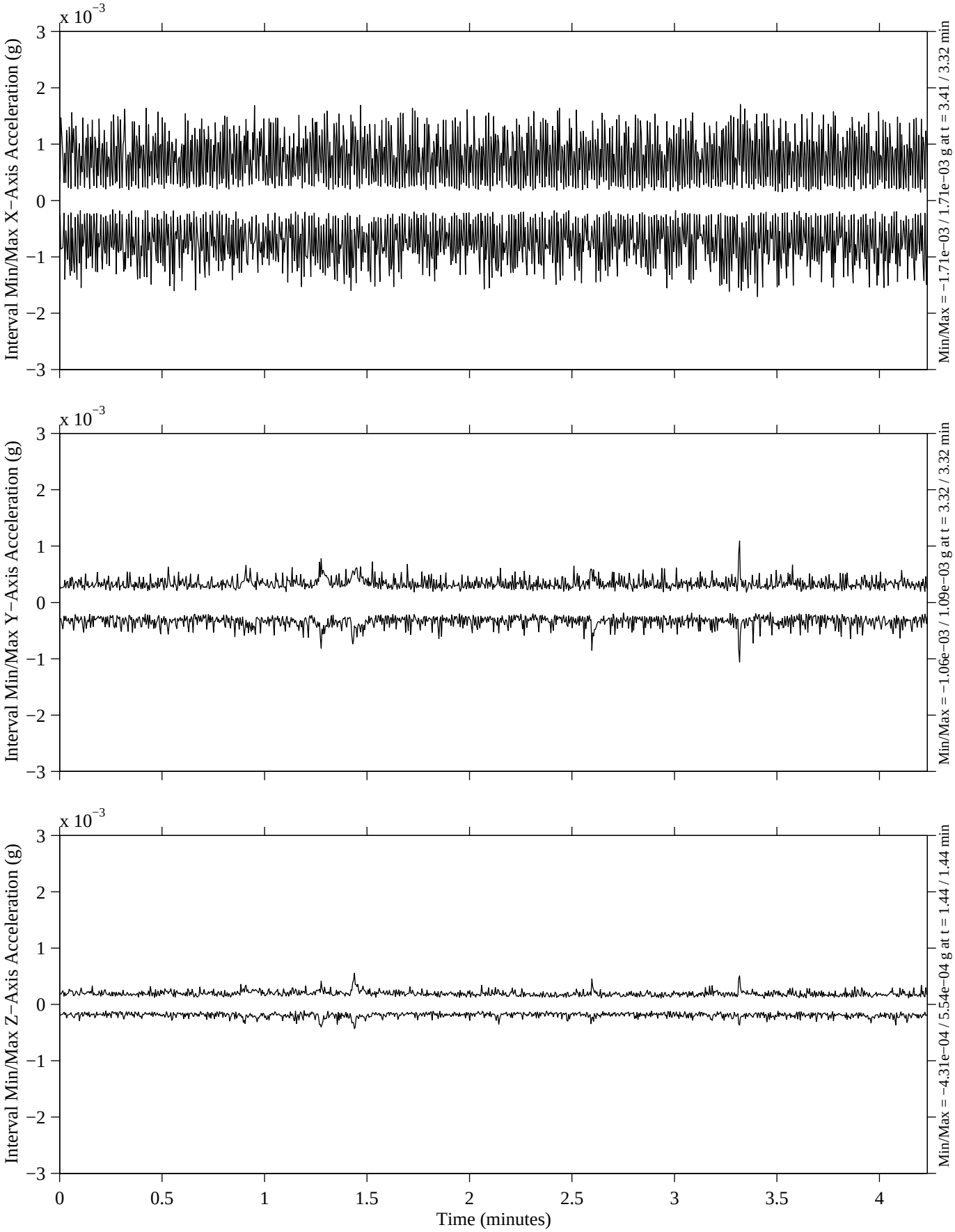


MATLAB: 30−Jul−1999, 12:06 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #33
MET Start at 006/06:59:36.329

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

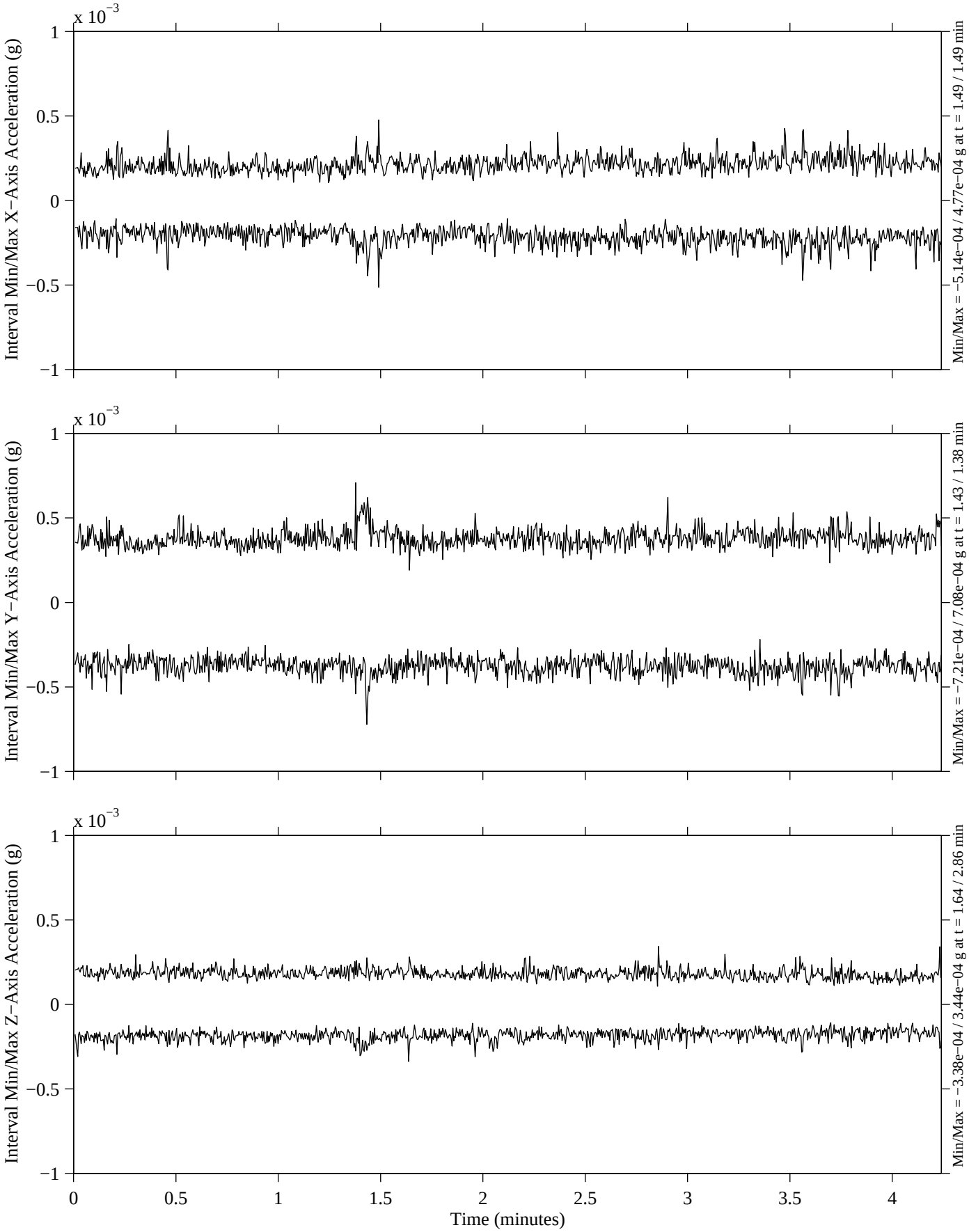


MATLAB: 11−Sep−1999, 10:29 am

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #34
MET Start at 007/21:58:09.263

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

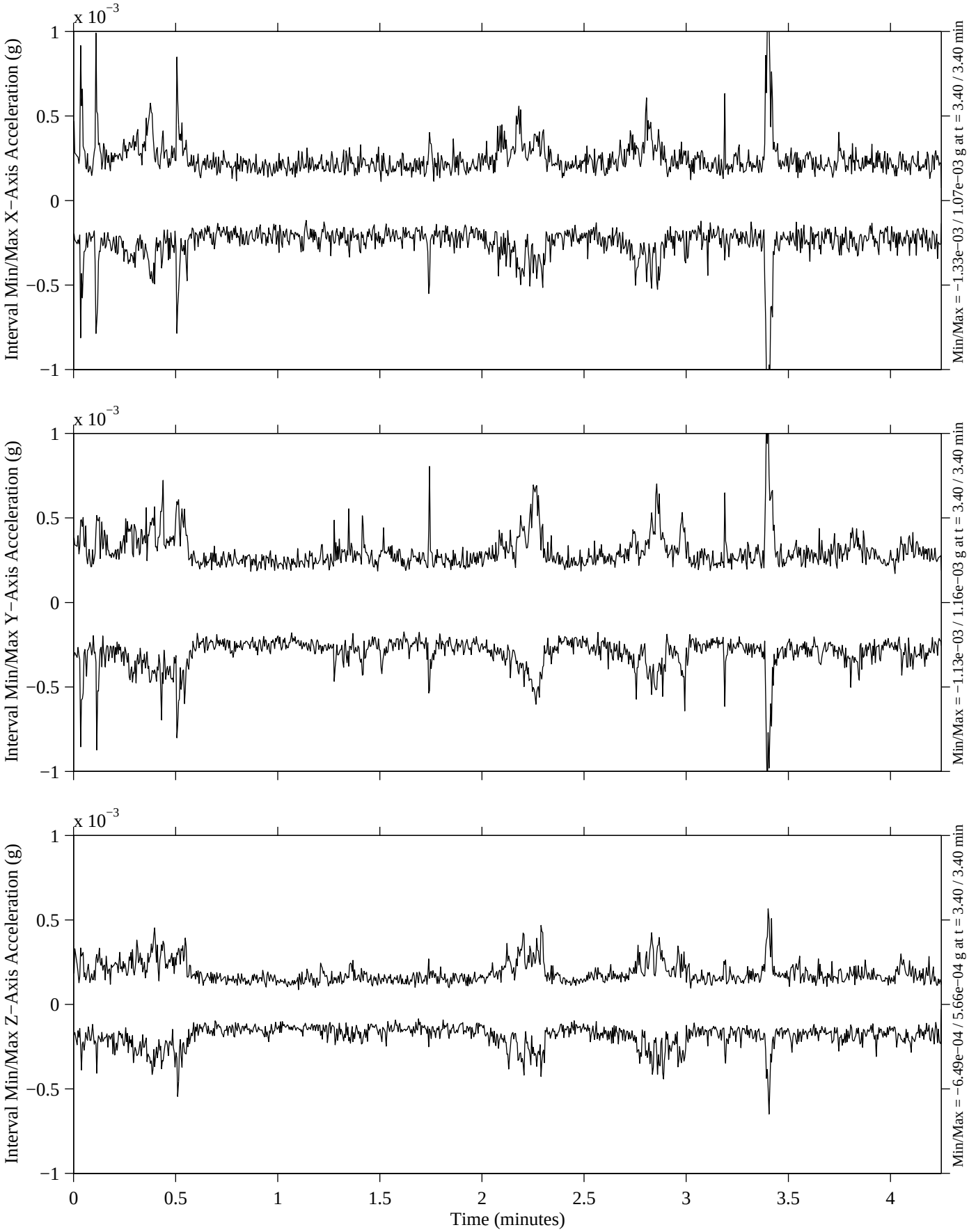


MATLAB: 30−Jul−1999, 12:09 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #35
MET Start at 008/03:36:59.143

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

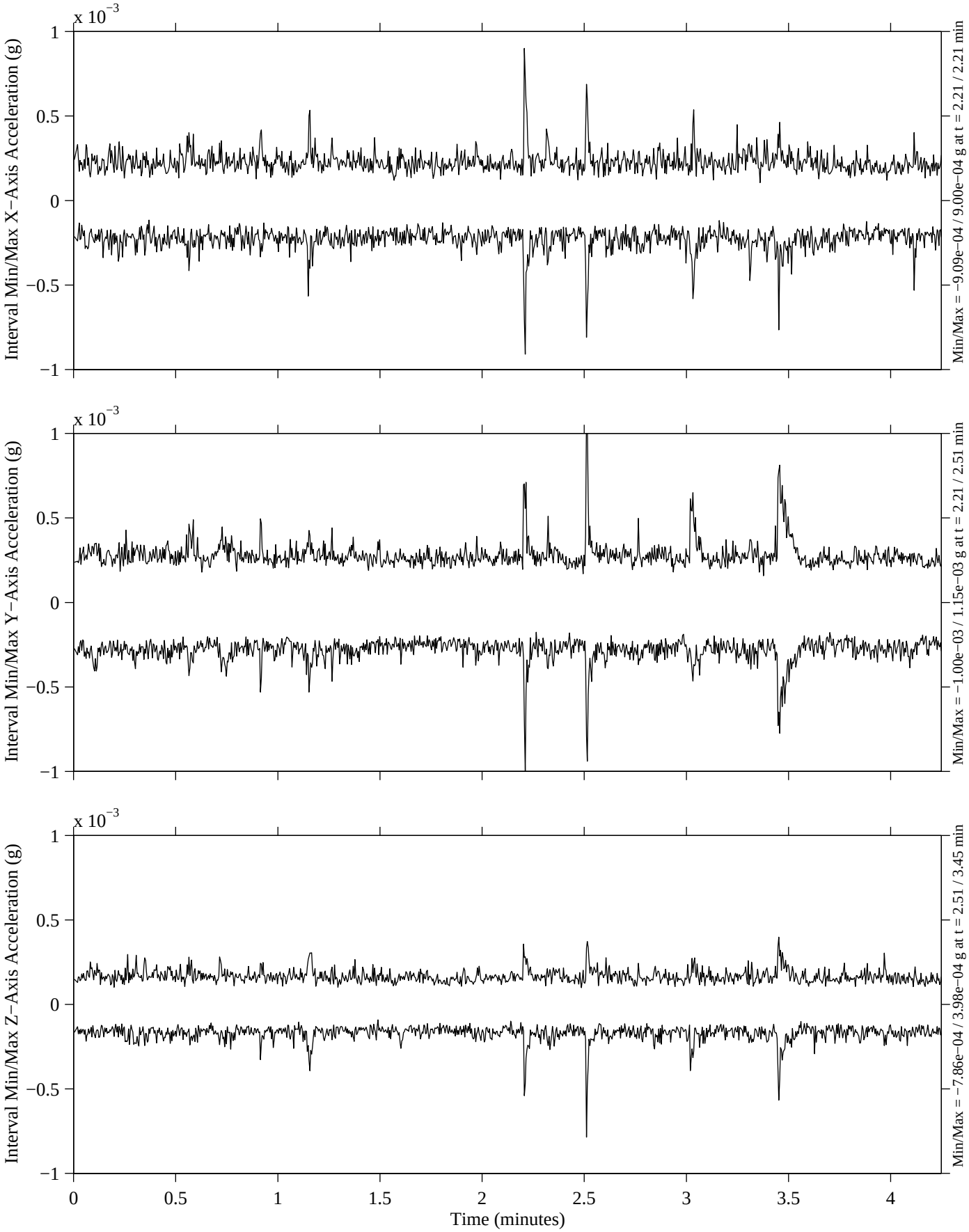


MATLAB: 30−Jul−1999, 12:10 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #36
MET Start at 008/03:41:49.124

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.3 minutes

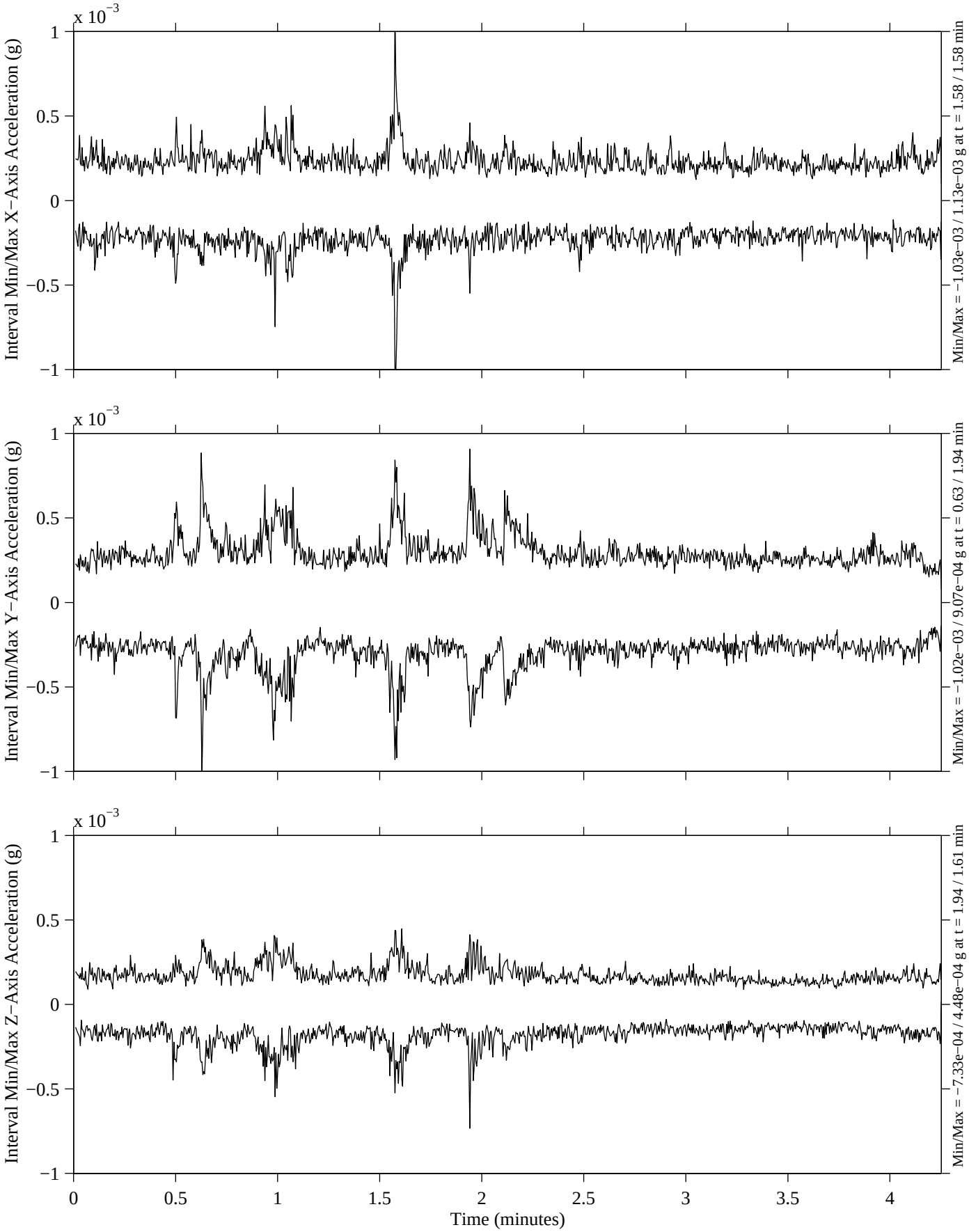


MATLAB: 30−Jul−1999, 12:11 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #37
MET Start at 008/03:47:22.101

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.3 minutes

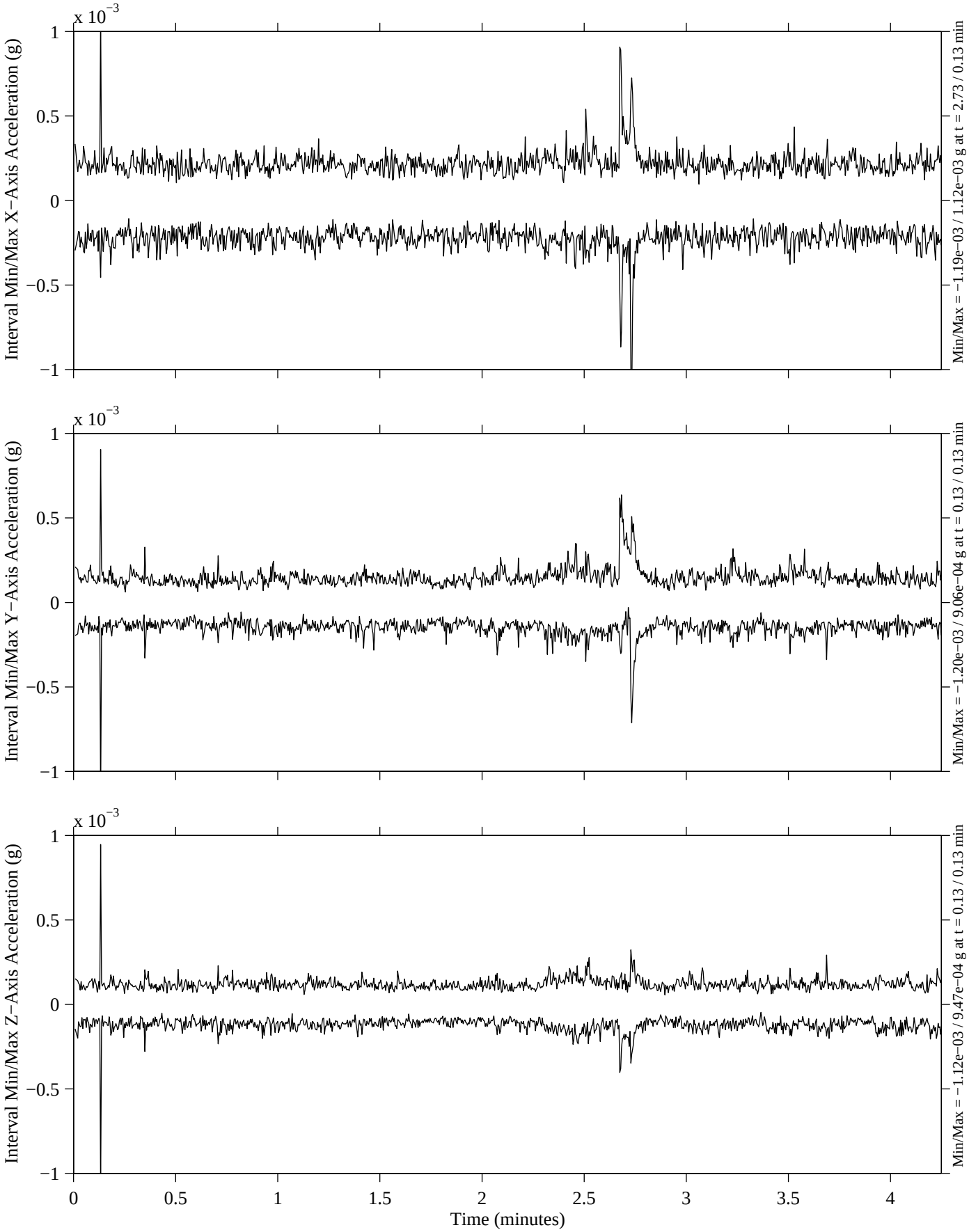


MATLAB: 30−Jul−1999, 12:13 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #38
MET Start at 008/05:54:41.840

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.3 minutes

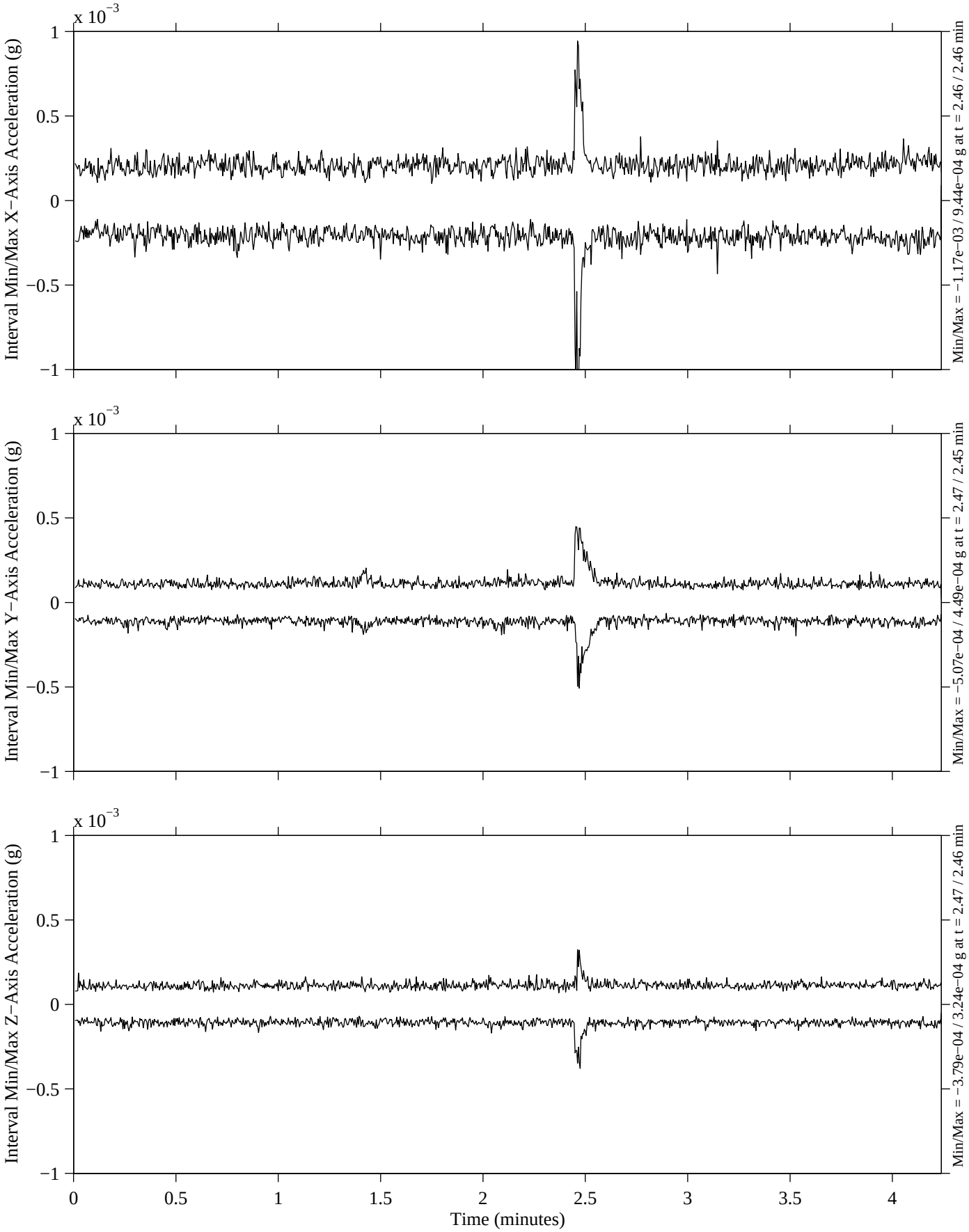


MATLAB: 30−Jul−1999, 12:14 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #39
MET Start at 008/07:39:52.814

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

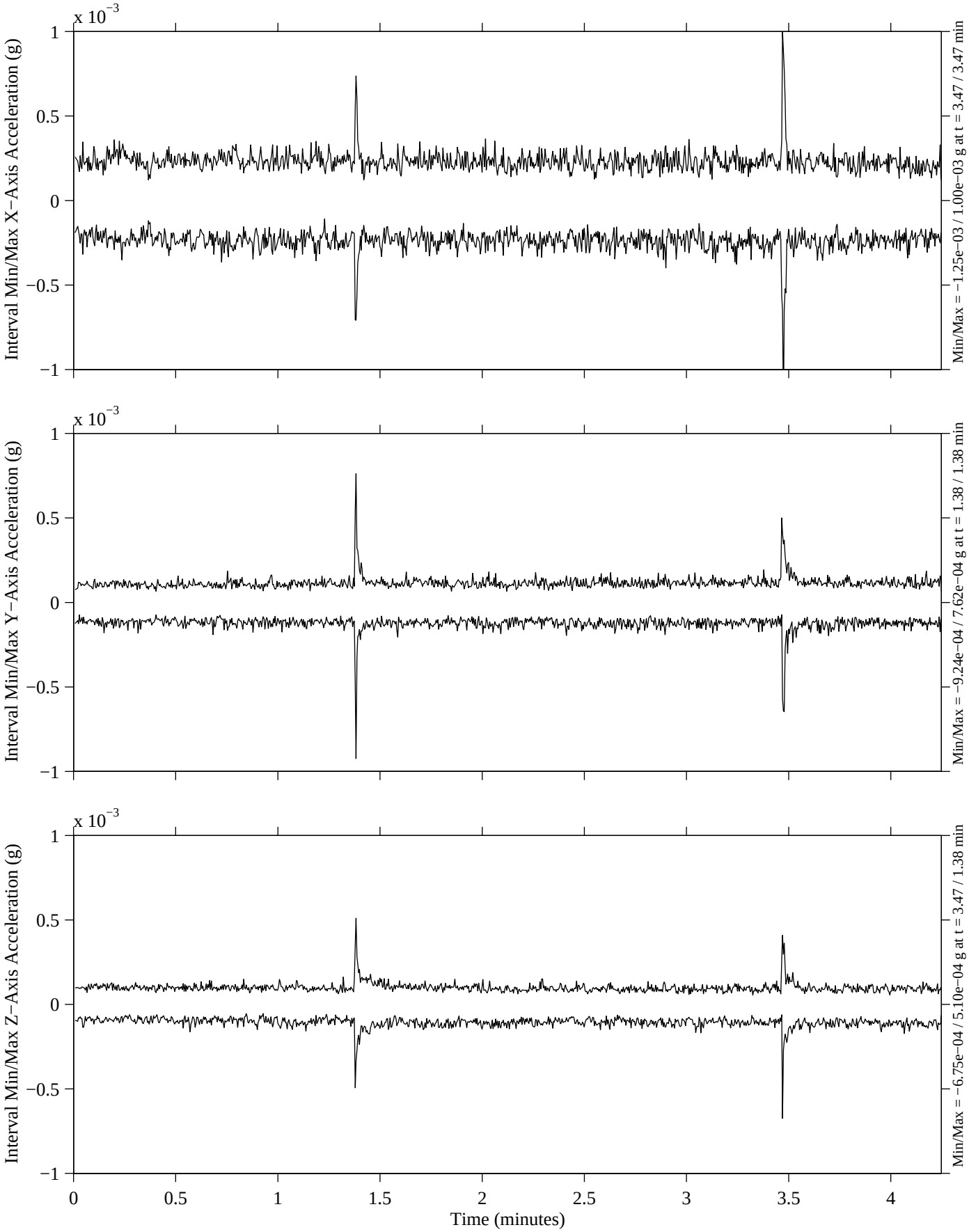


MATLAB: 30−Jul−1999, 12:15 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #40
MET Start at 008/10:01:40.420

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

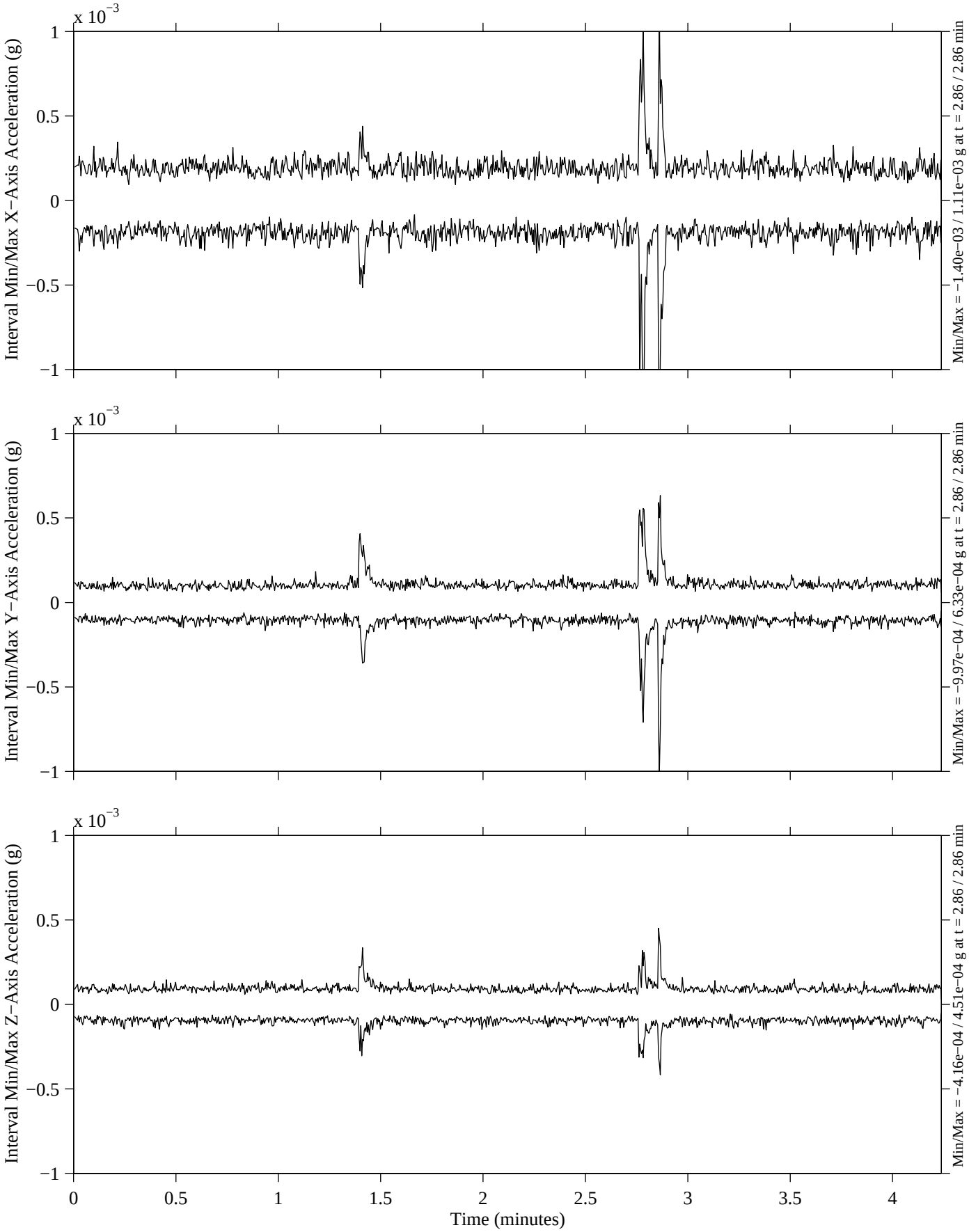


MATLAB: 30−Jul−1999, 12:17 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #41
MET Start at 008/12:47:41.959

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

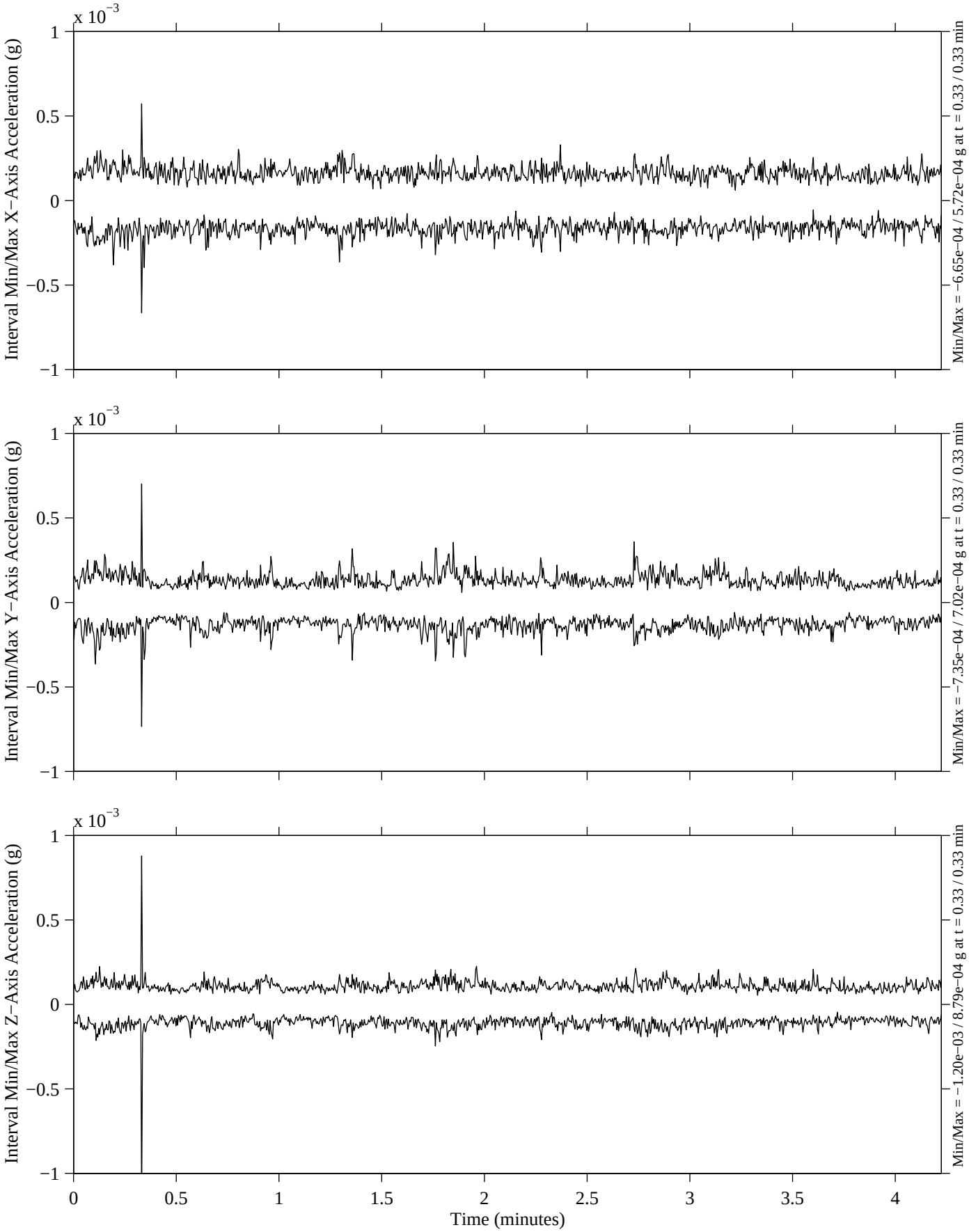


MATLAB: 30−Jul−1999, 12:18 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #42
MET Start at 008/14:29:33.540

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes

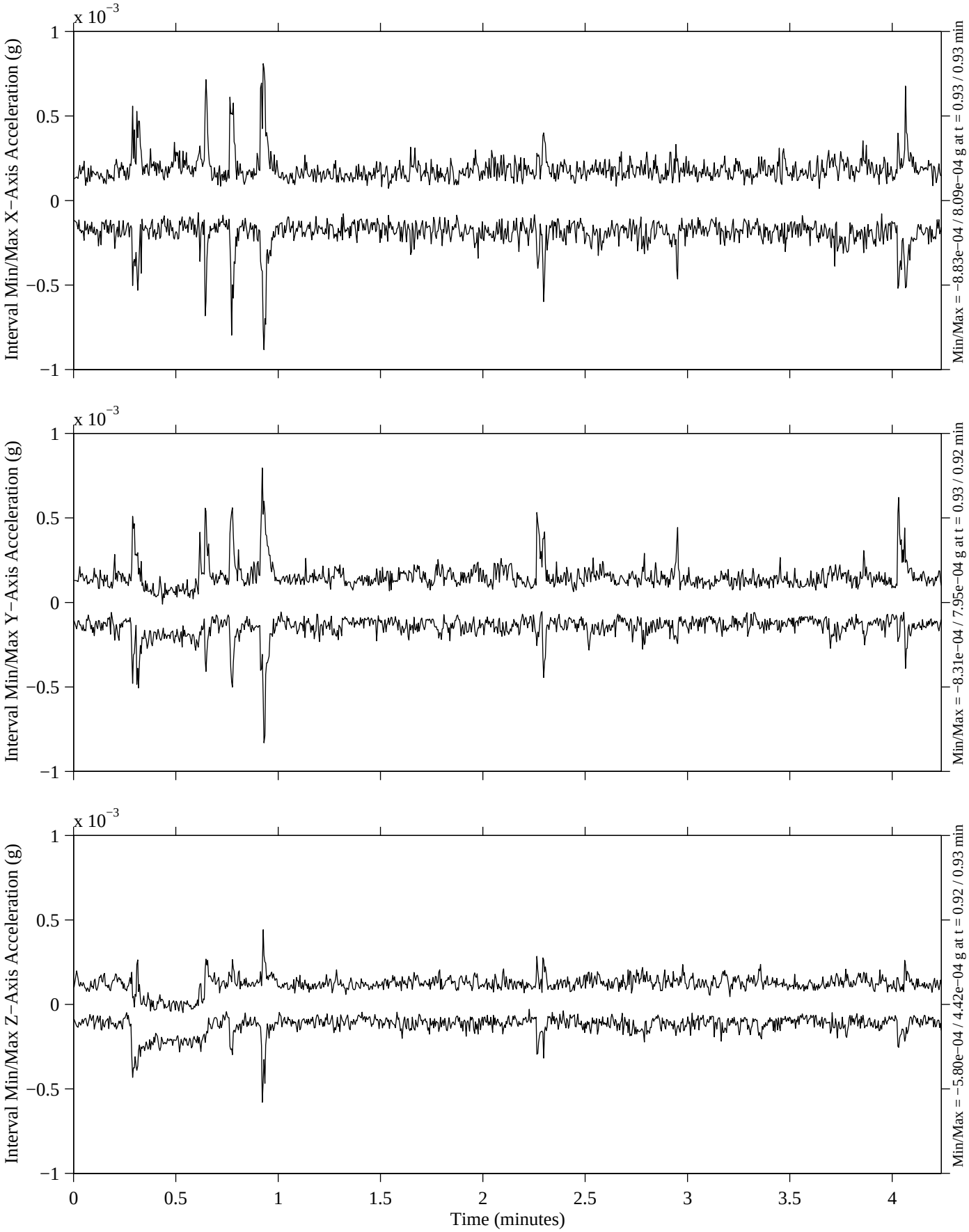


MATLAB: 30−Jul−1999, 12:19 pm

Head SAMS−FF, TSH 1, 100 Hz
fs=400 samples per second
Interval=0.25 seconds

Session #43
MET Start at 008/14:34:20.521

STS−95, HOST Mission
SAMS−FF Coordinates
T=4.2 minutes



MATLAB: 30−Jul−1999, 12:20 pm