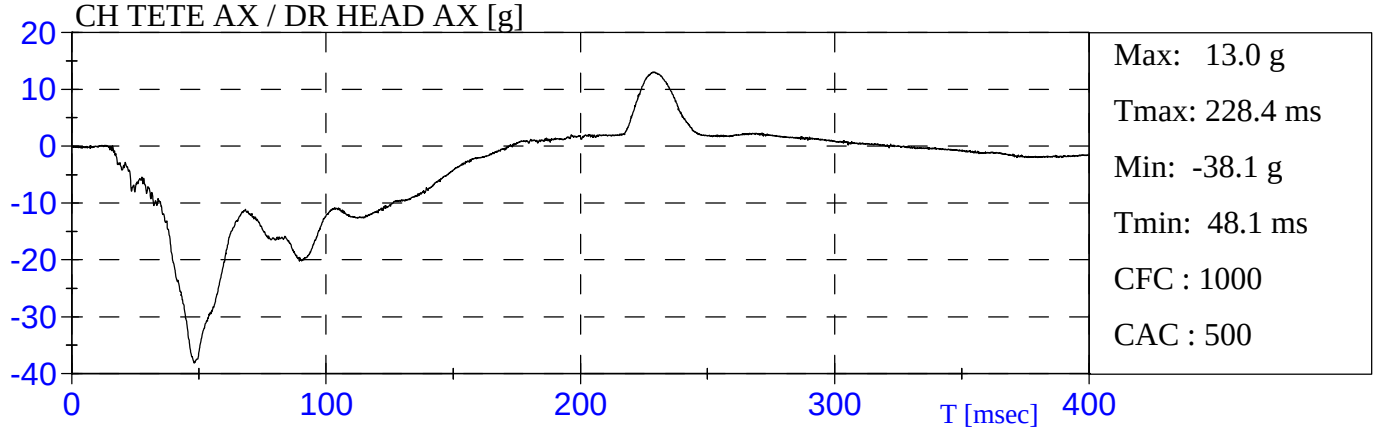
Nom du client **Client Name**	**TRANSPORT CANADA**
Type de véhicule **Type of Vehicle**	**VOLKS TOUAREG 2004**
Numéro de TC **Tc Number**	**TC04-135**
Numéro de contrat **Contract No**	**04-6008**
Acquisition de données selon **Data Acquisition according to**	**SAE J211/1 MAR 95**
Date de l'essai **Test date**	**2004-03-18**
Titre du projet	**COLLISION DE RECHERCHE** **COLLISION FRONTALE**
Project Title	**RESEARCH COLLISION TEST** **FRONTAL CRASH**

MANNEQUIN / DUMMY

Chauffeur **Driver**	**HYBRID III 5% F IR**
Passager **Passenger**	**HYBRID III 5% F IR**
Passager 1 (arrière gauche) **Passenger 1 (rear left)**	**HYBRID III 6Y**
Passager 2 (arrière droit) **Passenger 2 (rear right)**	**HYBRID III 6Y**

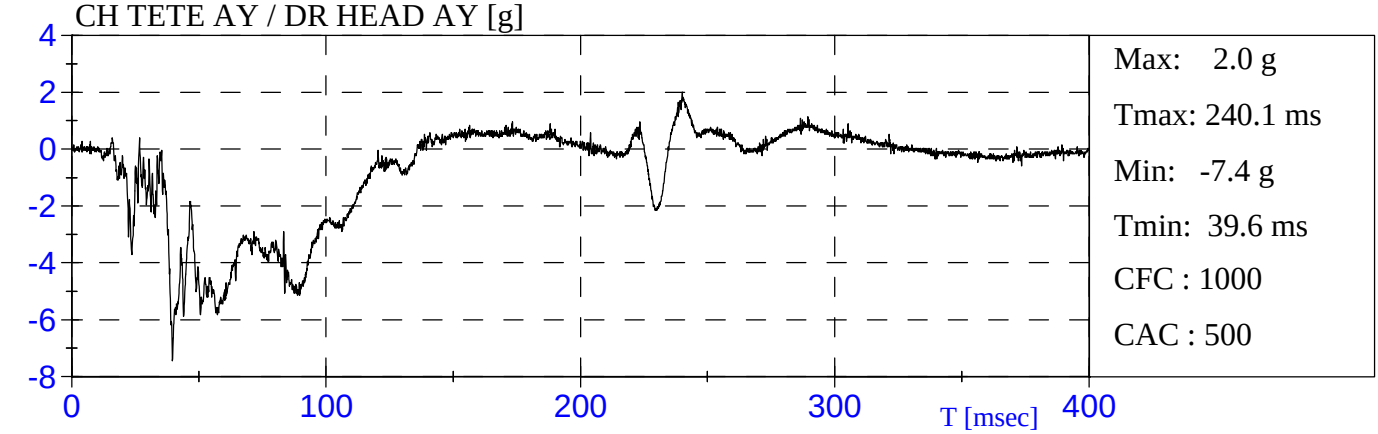
VOLKS TOUAREG 2004

CH TETE AX / DR HEAD AX [g]



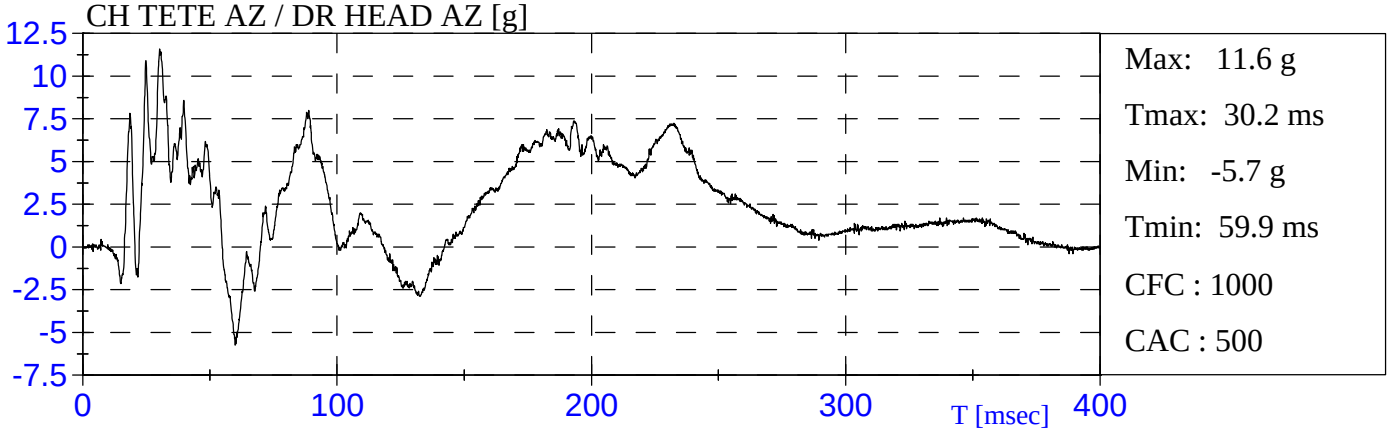
Max: 13.0 g
Tmax: 228.4 ms
Min: -38.1 g
Tmin: 48.1 ms
CFC : 1000
CAC : 500

CH TETE AY / DR HEAD AY [g]



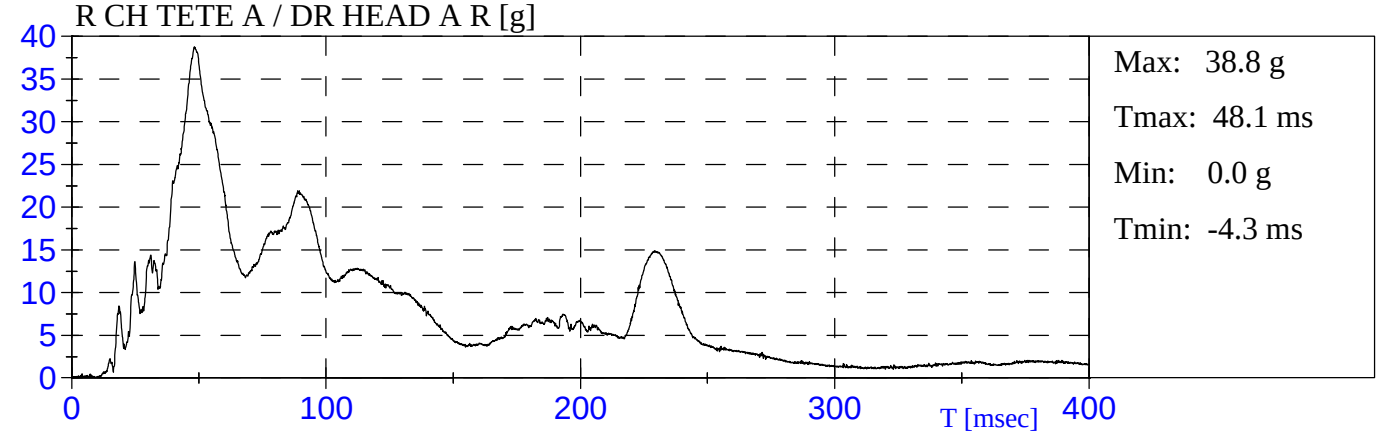
Max: 2.0 g
Tmax: 240.1 ms
Min: -7.4 g
Tmin: 39.6 ms
CFC : 1000
CAC : 500

CH TETE AZ / DR HEAD AZ [g]



Max: 11.6 g
Tmax: 30.2 ms
Min: -5.7 g
Tmin: 59.9 ms
CFC : 1000
CAC : 500

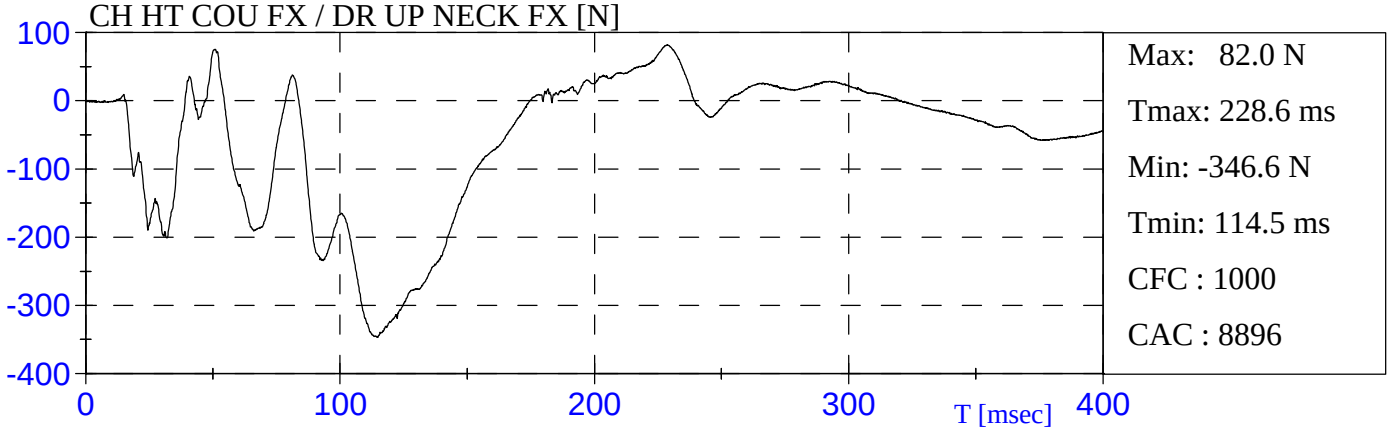
R CH TETE A / DR HEAD A R [g]



Max: 38.8 g
Tmax: 48.1 ms
Min: 0.0 g
Tmin: -4.3 ms

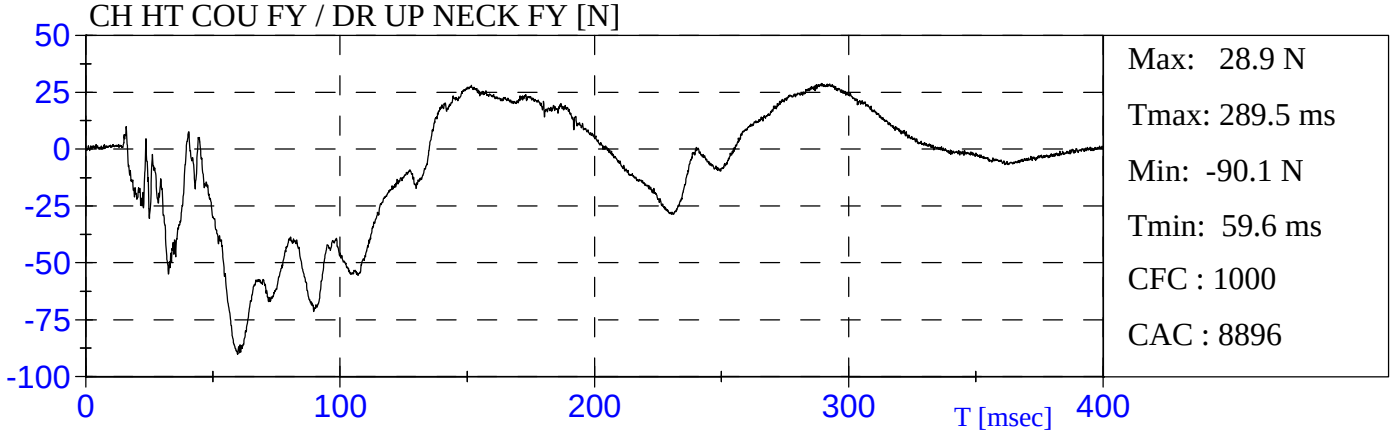
VOLKS TOUAREG 2004

CH HT COU FX / DR UP NECK FX [N]



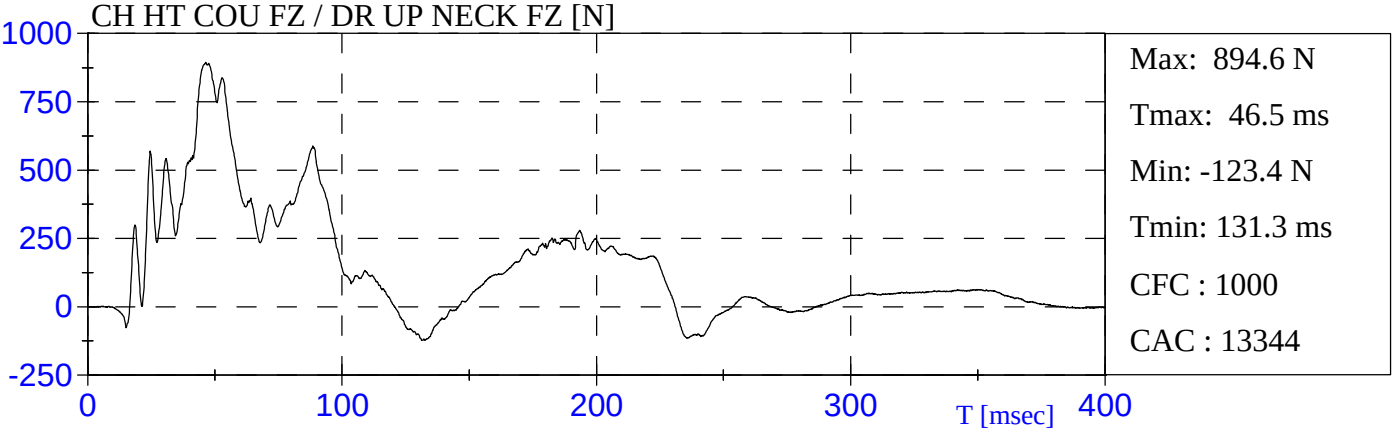
Max: 82.0 N
Tmax: 228.6 ms
Min: -346.6 N
Tmin: 114.5 ms
CFC : 1000
CAC : 8896

CH HT COU FY / DR UP NECK FY [N]



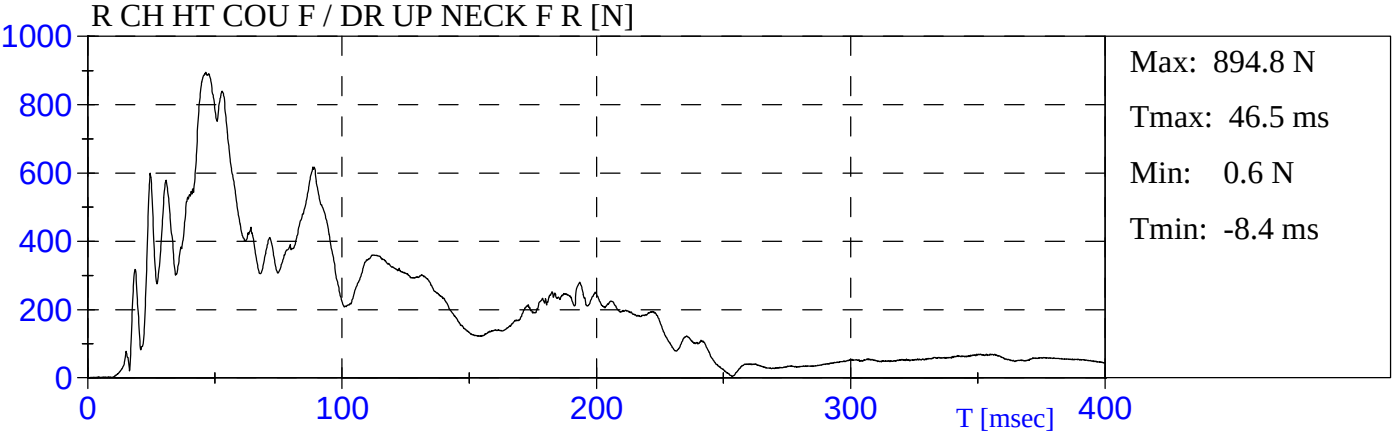
Max: 28.9 N
Tmax: 289.5 ms
Min: -90.1 N
Tmin: 59.6 ms
CFC : 1000
CAC : 8896

CH HT COU FZ / DR UP NECK FZ [N]



Max: 894.6 N
Tmax: 46.5 ms
Min: -123.4 N
Tmin: 131.3 ms
CFC : 1000
CAC : 13344

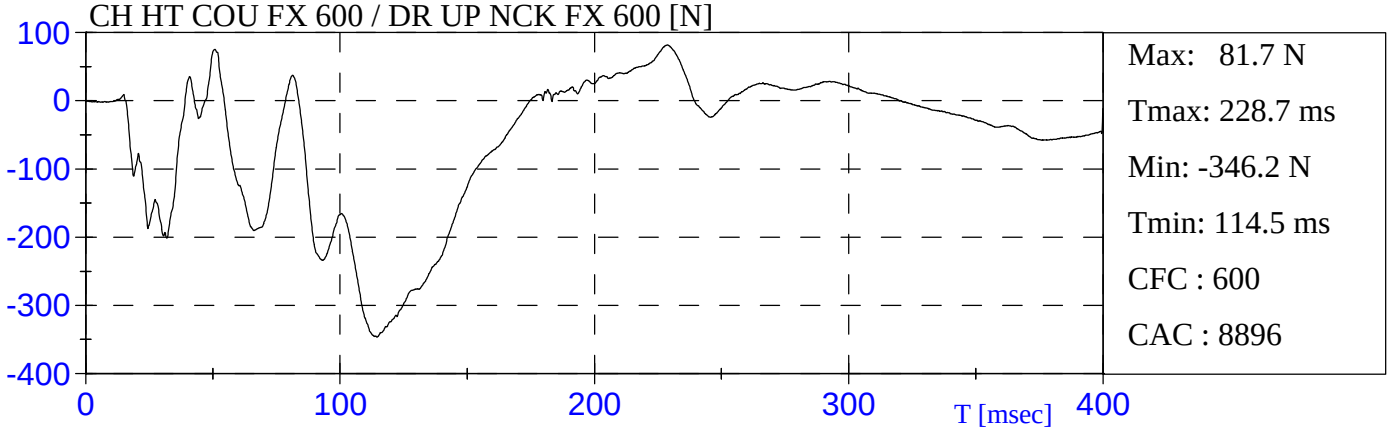
R CH HT COU F / DR UP NECK F R [N]



Max: 894.8 N
Tmax: 46.5 ms
Min: 0.6 N
Tmin: -8.4 ms

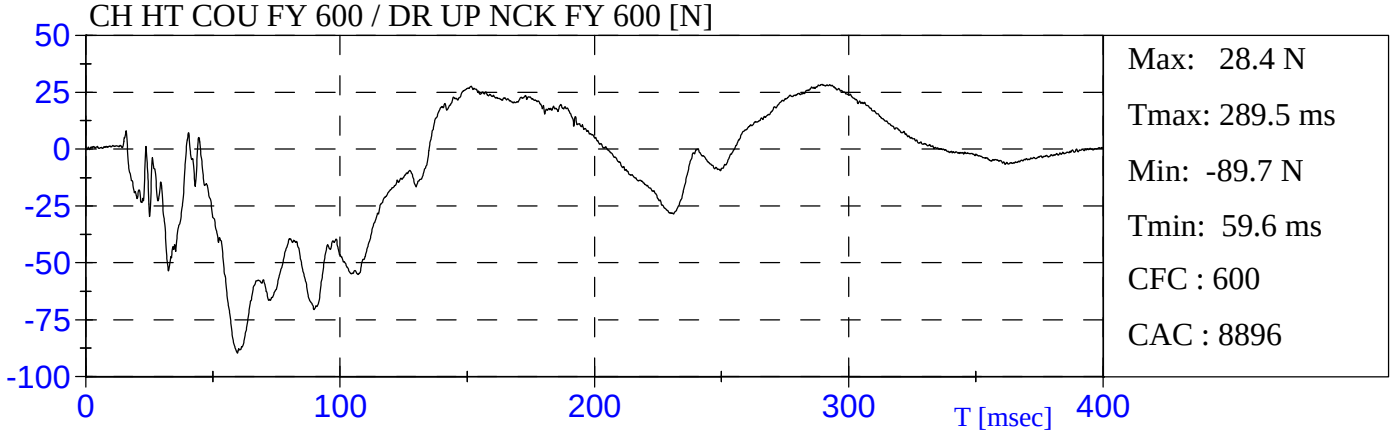
VOLKS TOUAREG 2004

CH HT COU FX 600 / DR UP NCK FX 600 [N]



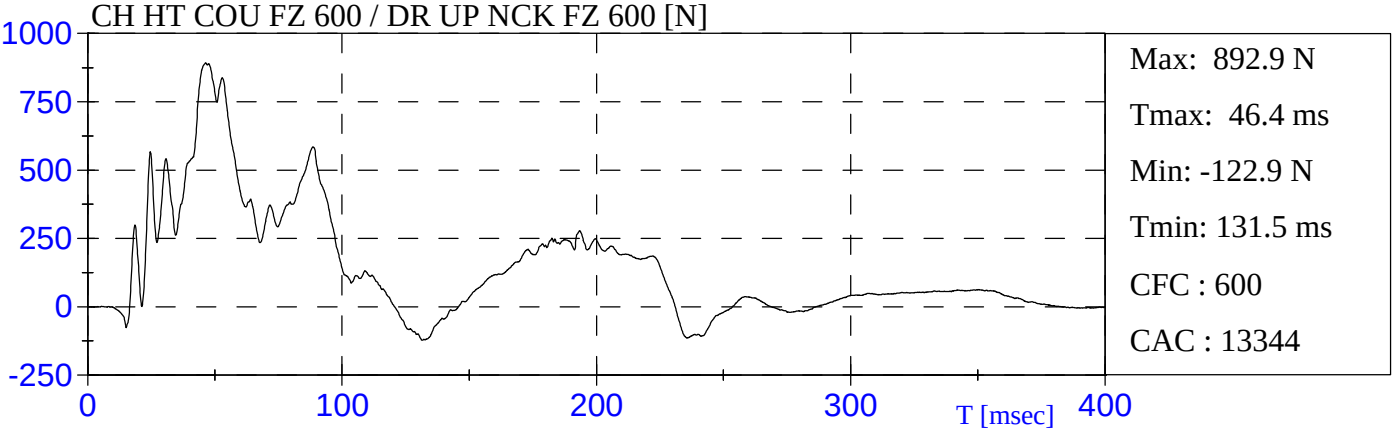
Max: 81.7 N
Tmax: 228.7 ms
Min: -346.2 N
Tmin: 114.5 ms
CFC : 600
CAC : 8896

CH HT COU FY 600 / DR UP NCK FY 600 [N]



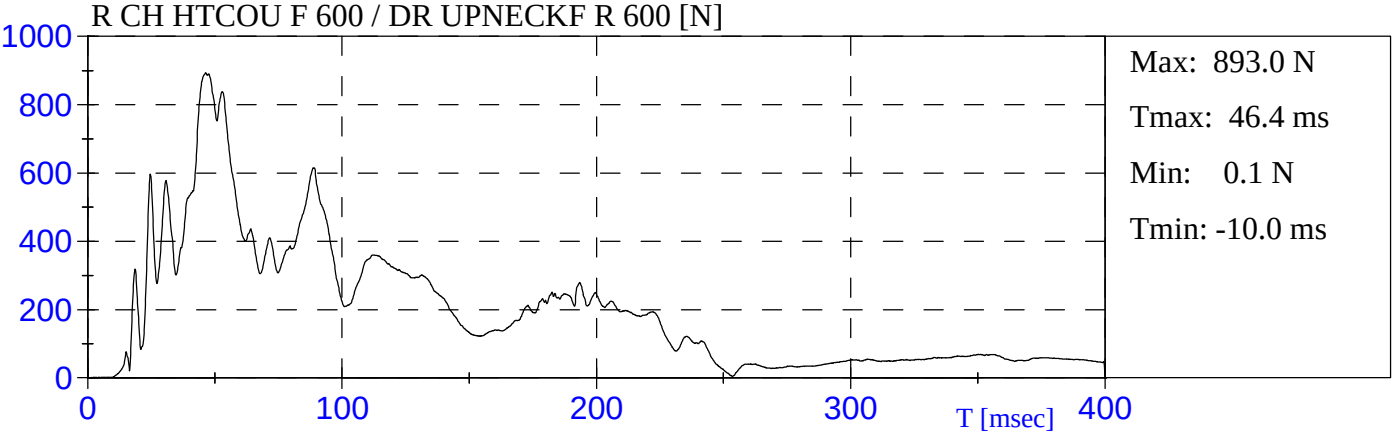
Max: 28.4 N
Tmax: 289.5 ms
Min: -89.7 N
Tmin: 59.6 ms
CFC : 600
CAC : 8896

CH HT COU FZ 600 / DR UP NCK FZ 600 [N]



Max: 892.9 N
Tmax: 46.4 ms
Min: -122.9 N
Tmin: 131.5 ms
CFC : 600
CAC : 13344

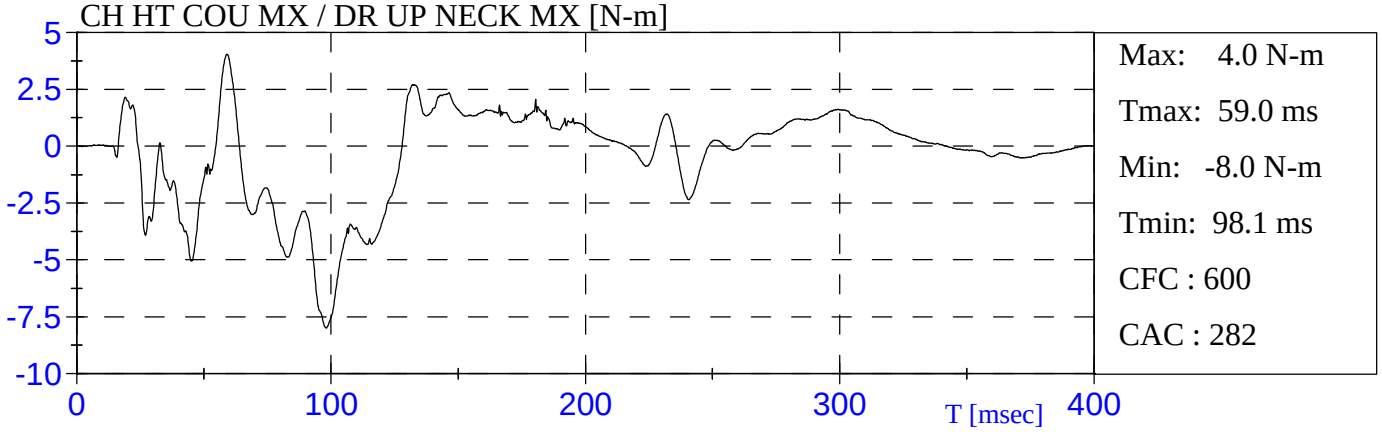
R CH HTCOU F 600 / DR UPNECKF R 600 [N]



Max: 893.0 N
Tmax: 46.4 ms
Min: 0.1 N
Tmin: -10.0 ms

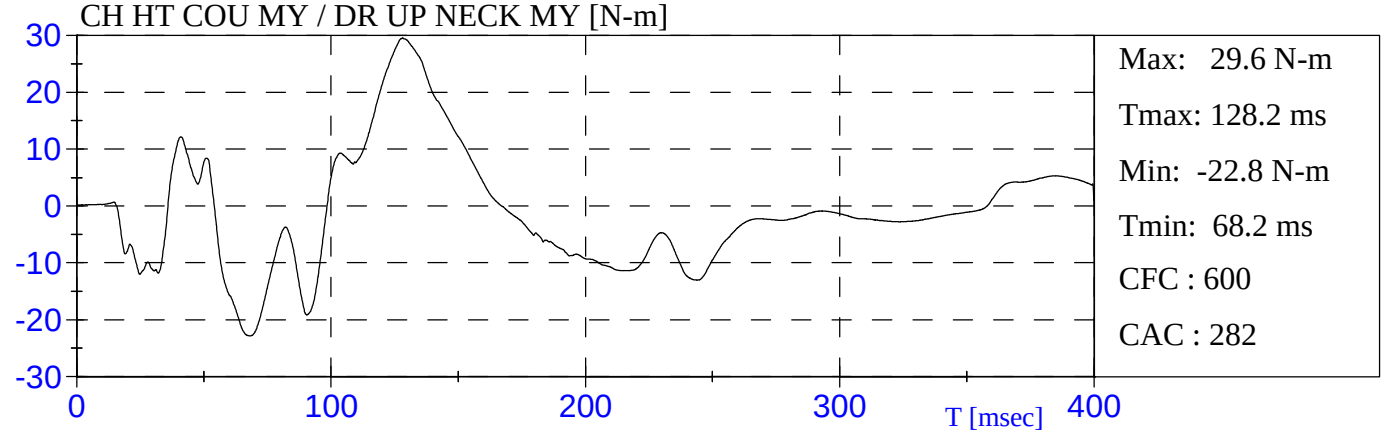
VOLKS TOUAREG 2004

CH HT COU MX / DR UP NECK MX [N-m]



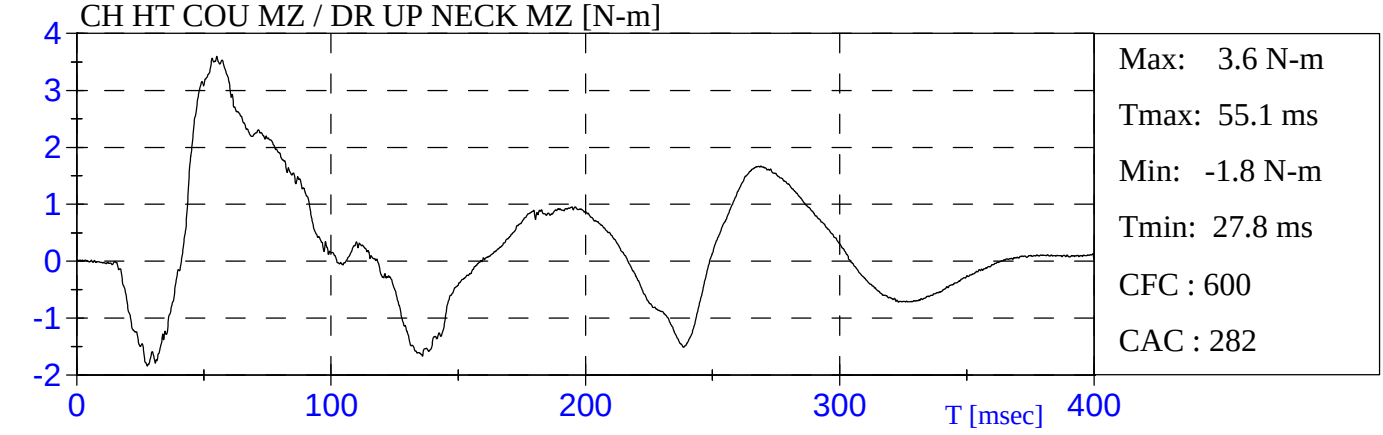
Max: 4.0 N-m
Tmax: 59.0 ms
Min: -8.0 N-m
Tmin: 98.1 ms
CFC : 600
CAC : 282

CH HT COU MY / DR UP NECK MY [N-m]



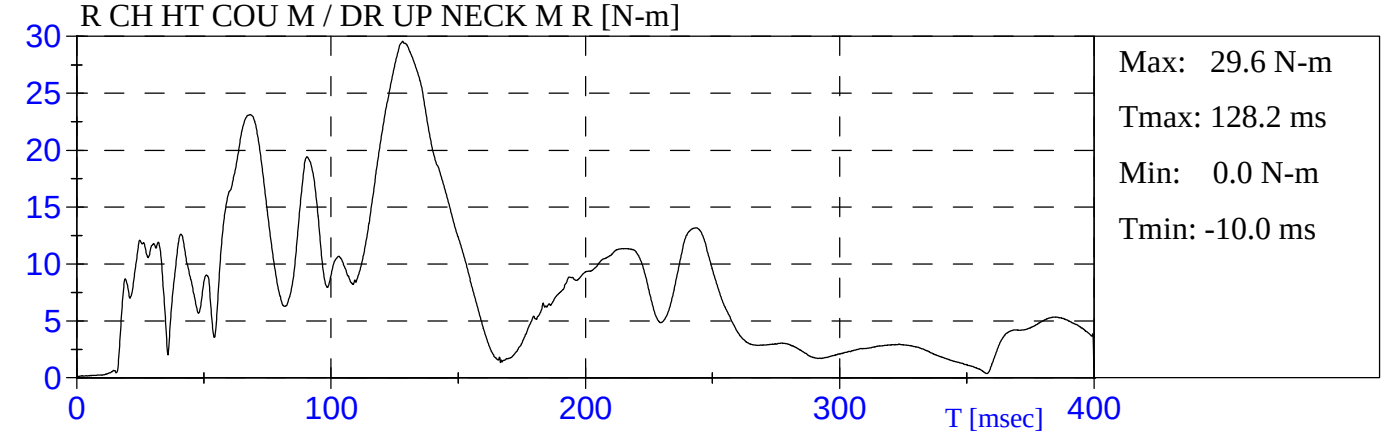
Max: 29.6 N-m
Tmax: 128.2 ms
Min: -22.8 N-m
Tmin: 68.2 ms
CFC : 600
CAC : 282

CH HT COU MZ / DR UP NECK MZ [N-m]



Max: 3.6 N-m
Tmax: 55.1 ms
Min: -1.8 N-m
Tmin: 27.8 ms
CFC : 600
CAC : 282

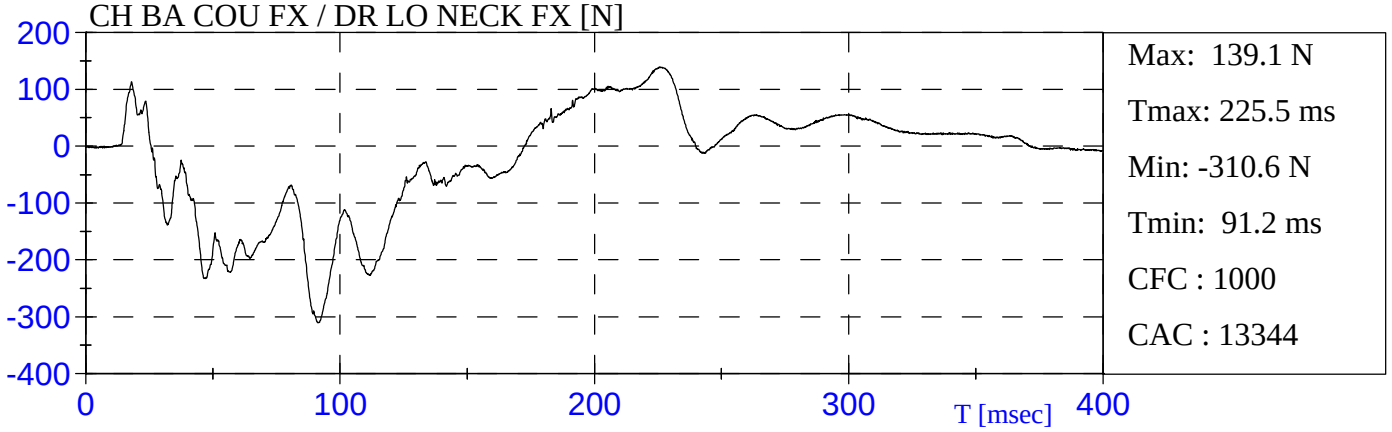
R CH HT COU M / DR UP NECK M R [N-m]



Max: 29.6 N-m
Tmax: 128.2 ms
Min: 0.0 N-m
Tmin: -10.0 ms

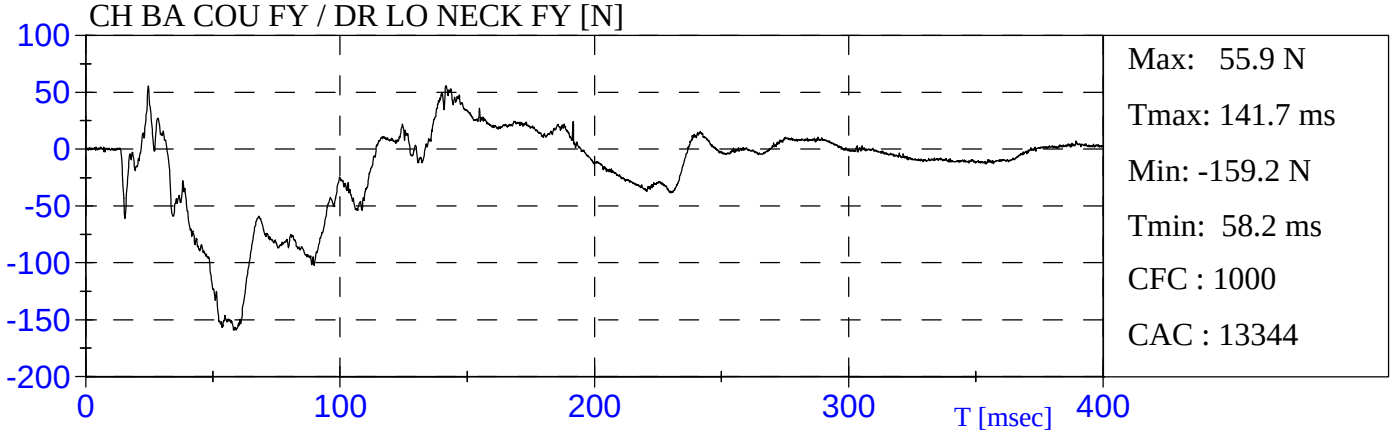
VOLKS TOUAREG 2004

CH BA COU FX / DR LO NECK FX [N]



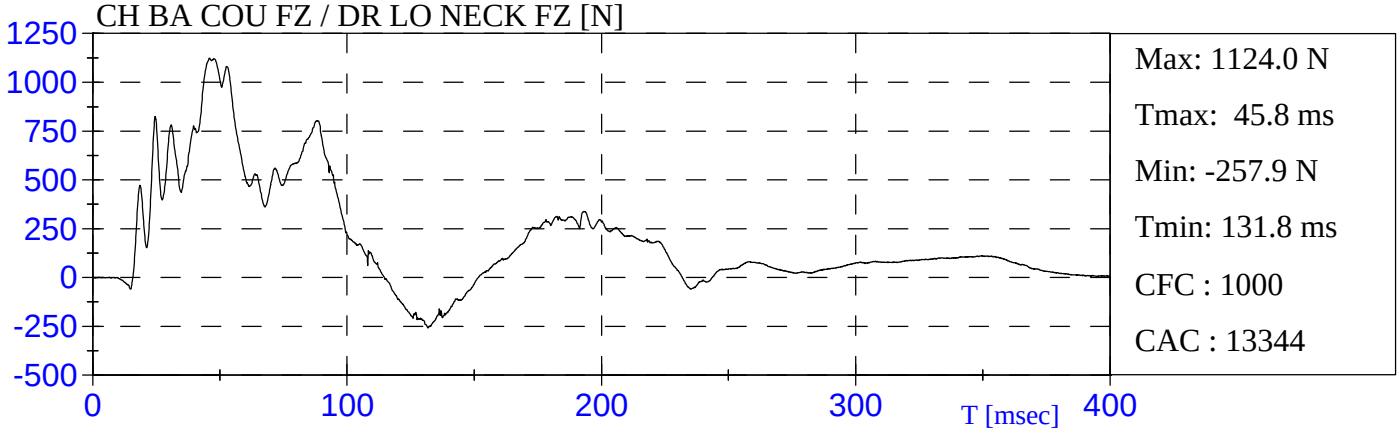
Max: 139.1 N
Tmax: 225.5 ms
Min: -310.6 N
Tmin: 91.2 ms
CFC : 1000
CAC : 13344

CH BA COU FY / DR LO NECK FY [N]



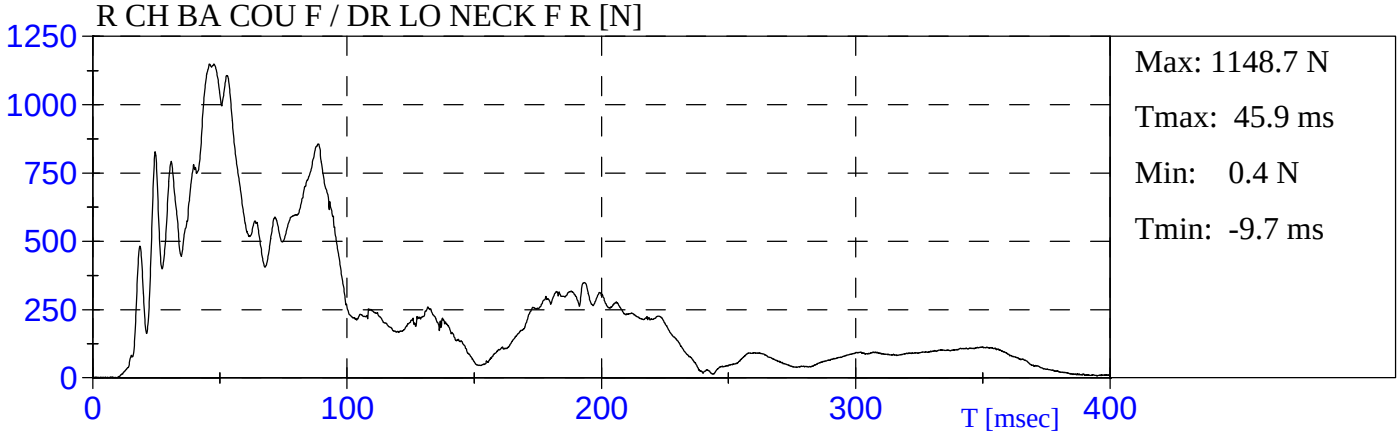
Max: 55.9 N
Tmax: 141.7 ms
Min: -159.2 N
Tmin: 58.2 ms
CFC : 1000
CAC : 13344

CH BA COU FZ / DR LO NECK FZ [N]



Max: 1124.0 N
Tmax: 45.8 ms
Min: -257.9 N
Tmin: 131.8 ms
CFC : 1000
CAC : 13344

R CH BA COU F / DR LO NECK F R [N]

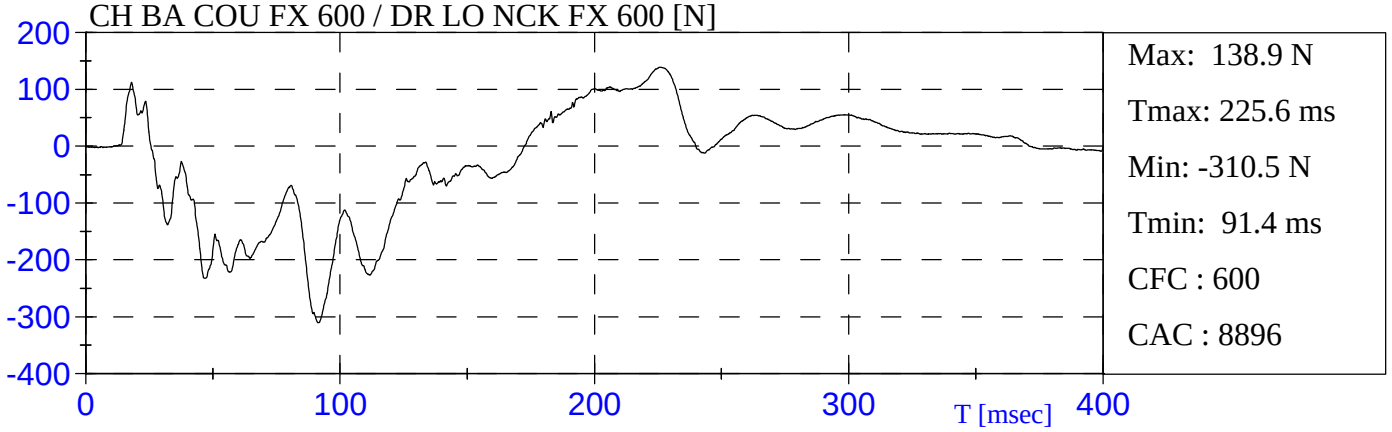


Max: 1148.7 N
Tmax: 45.9 ms
Min: 0.4 N
Tmin: -9.7 ms

VOLKS TOUAREG 2004

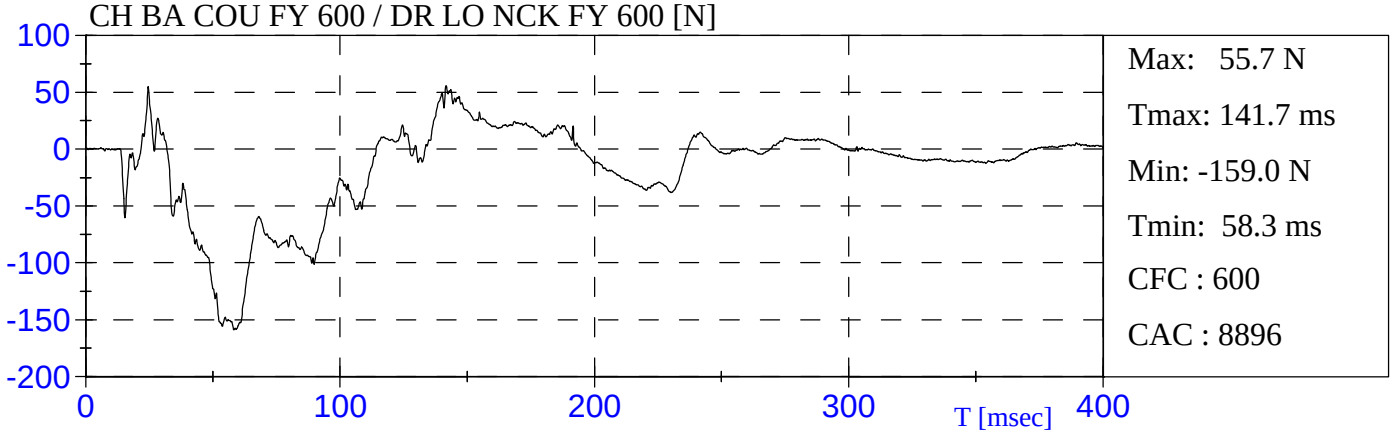
Nº TC / TC No.: TC04-135

CH BA COU FX 600 / DR LO NCK FX 600 [N]



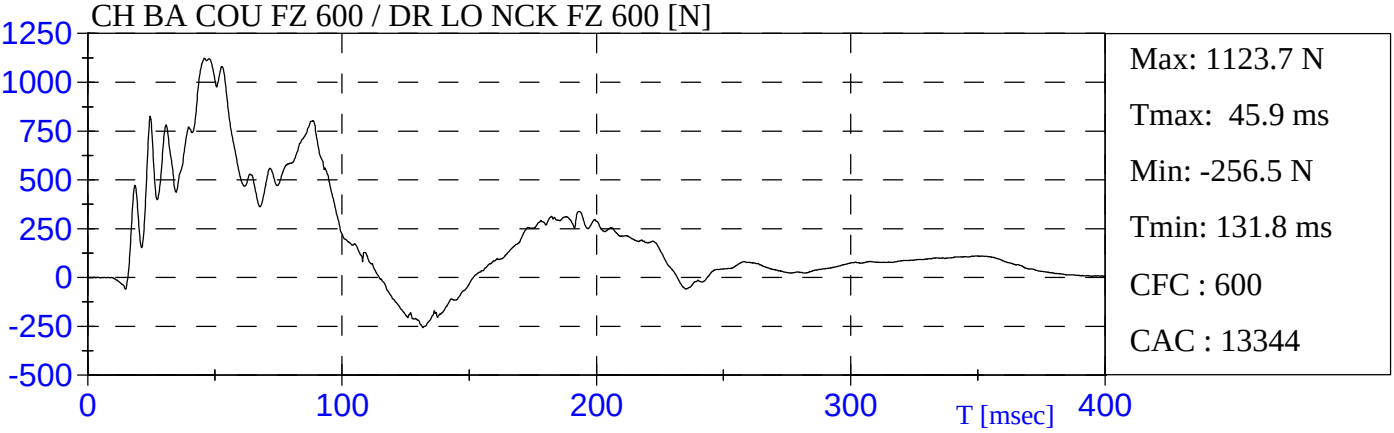
Max: 138.9 N
Tmax: 225.6 ms
Min: -310.5 N
Tmin: 91.4 ms
CFC : 600
CAC : 8896

CH BA COU FY 600 / DR LO NCK FY 600 [N]



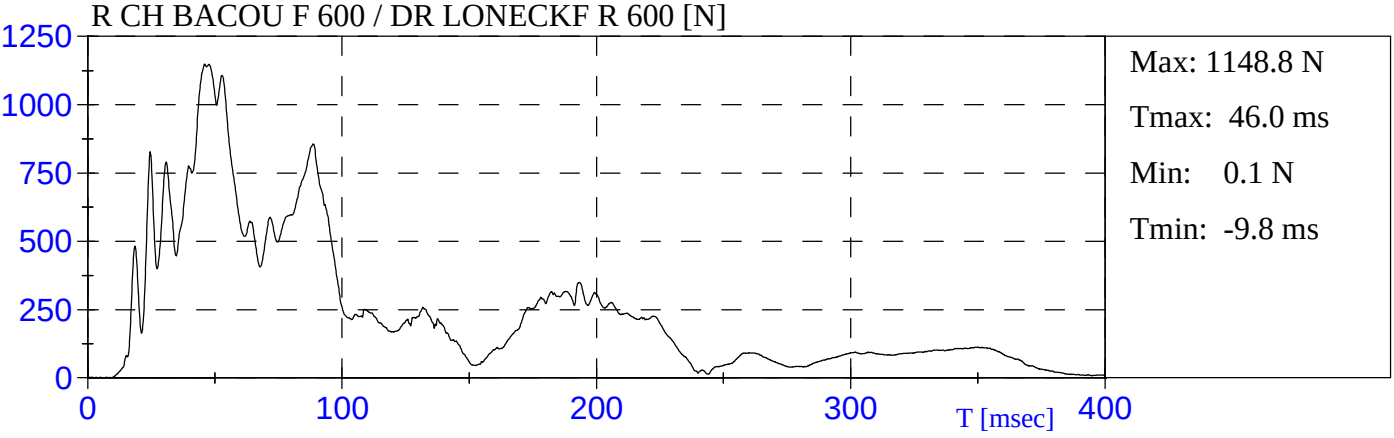
Max: 55.7 N
Tmax: 141.7 ms
Min: -159.0 N
Tmin: 58.3 ms
CFC : 600
CAC : 8896

CH BA COU FZ 600 / DR LO NCK FZ 600 [N]



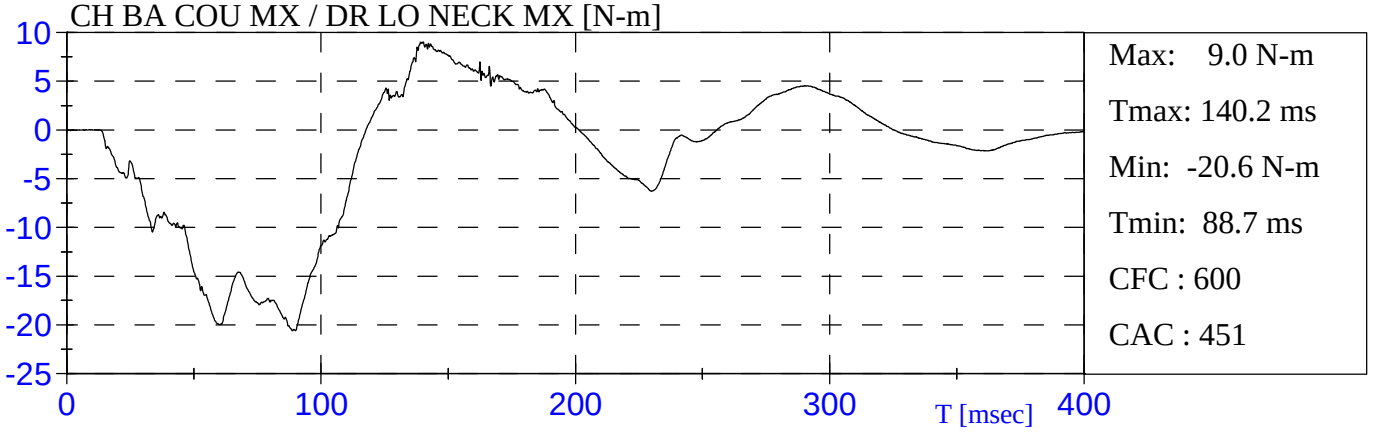
Max: 1123.7 N
Tmax: 45.9 ms
Min: -256.5 N
Tmin: 131.8 ms
CFC : 600
CAC : 13344

R CH BACOU F 600 / DR LONECKF R 600 [N]

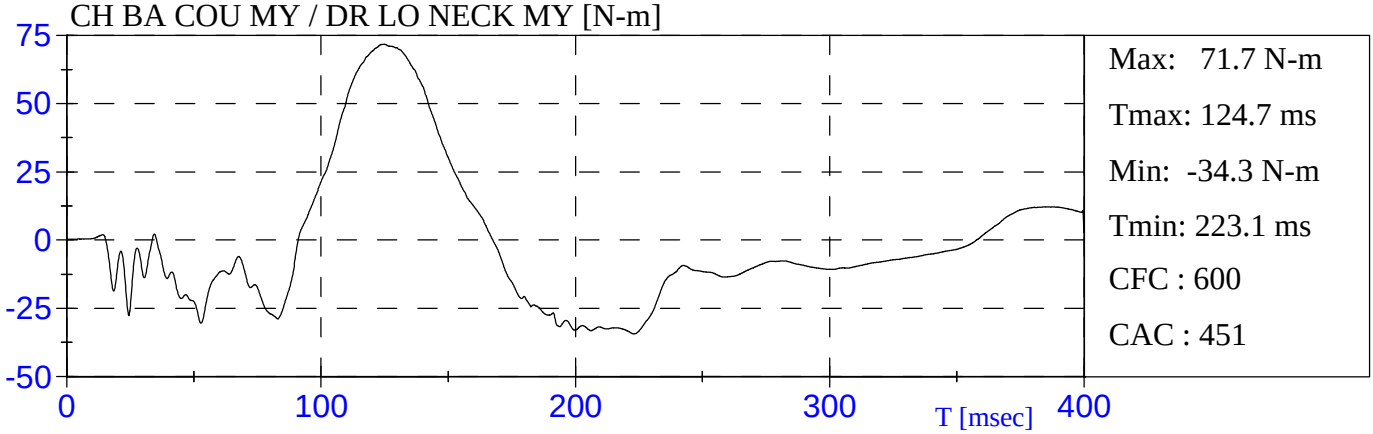


Max: 1148.8 N
Tmax: 46.0 ms
Min: 0.1 N
Tmin: -9.8 ms

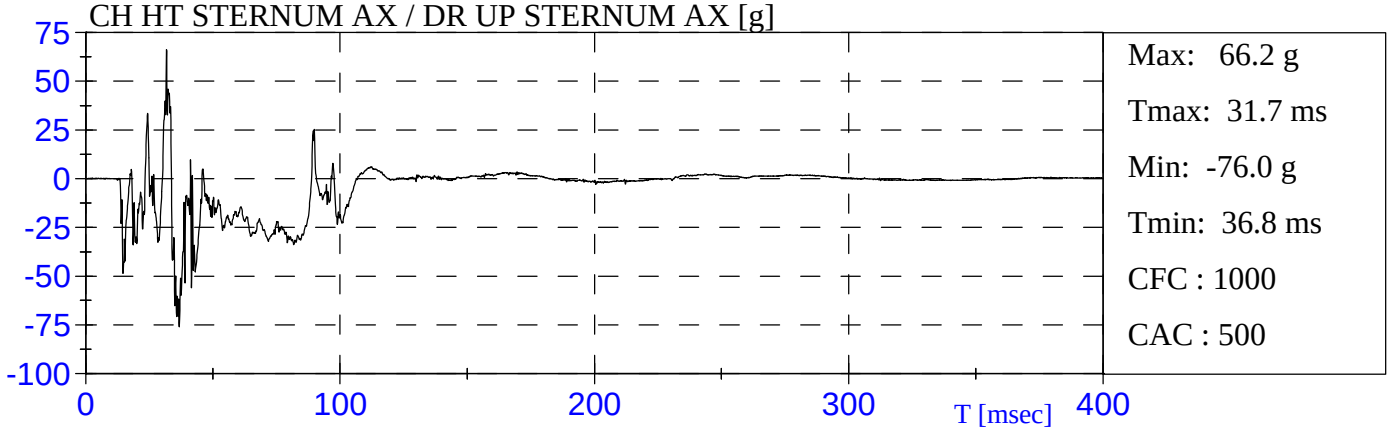
CH BA COU MX / DR LO NECK MX [N-m]



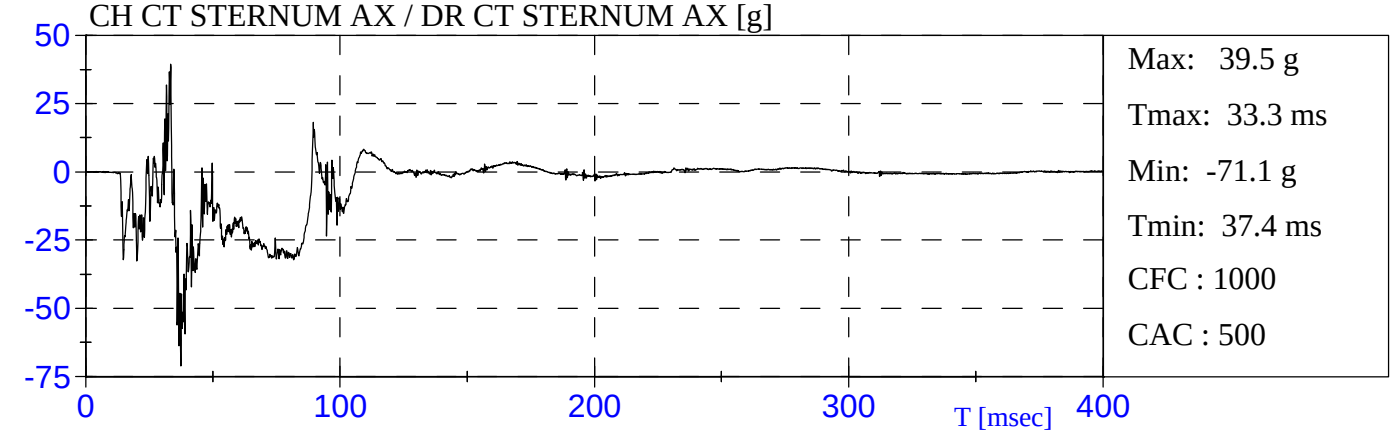
CH BA COU MY / DR LO NECK MY [N-m]



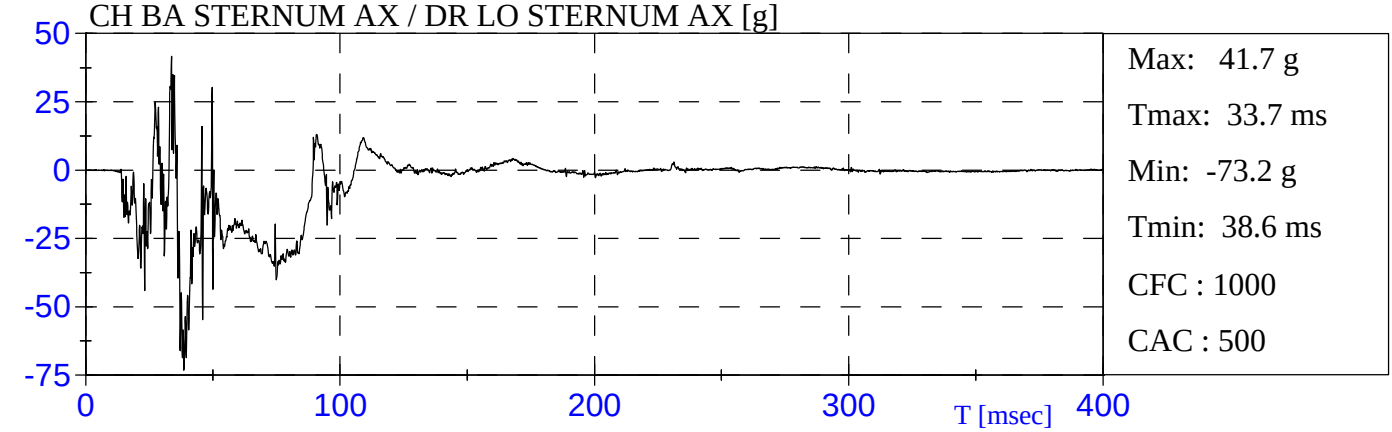
CH HT STERNUM AX / DR UP STERNUM AX [g]



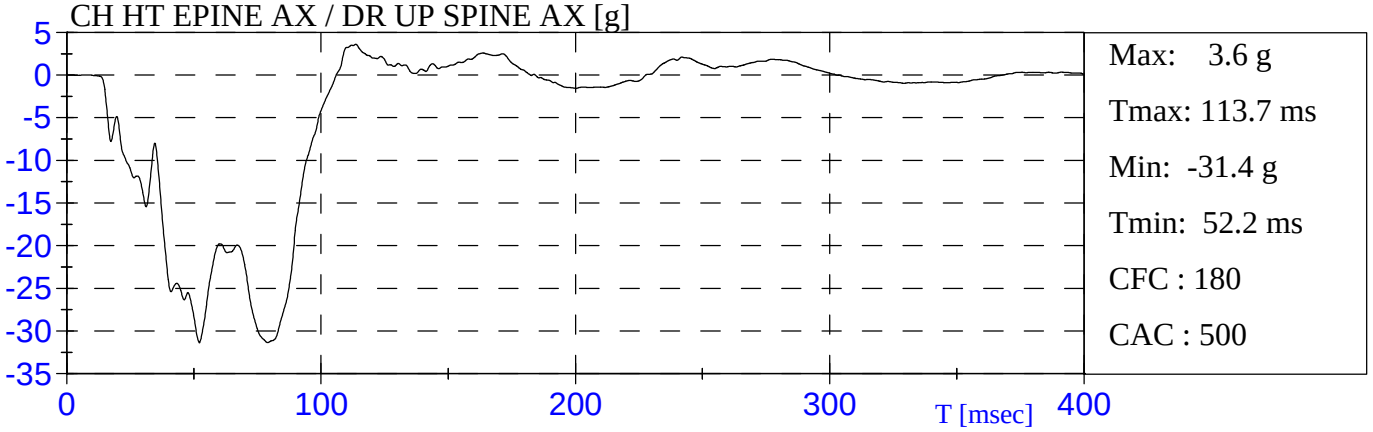
CH CT STERNUM AX / DR CT STERNUM AX [g]



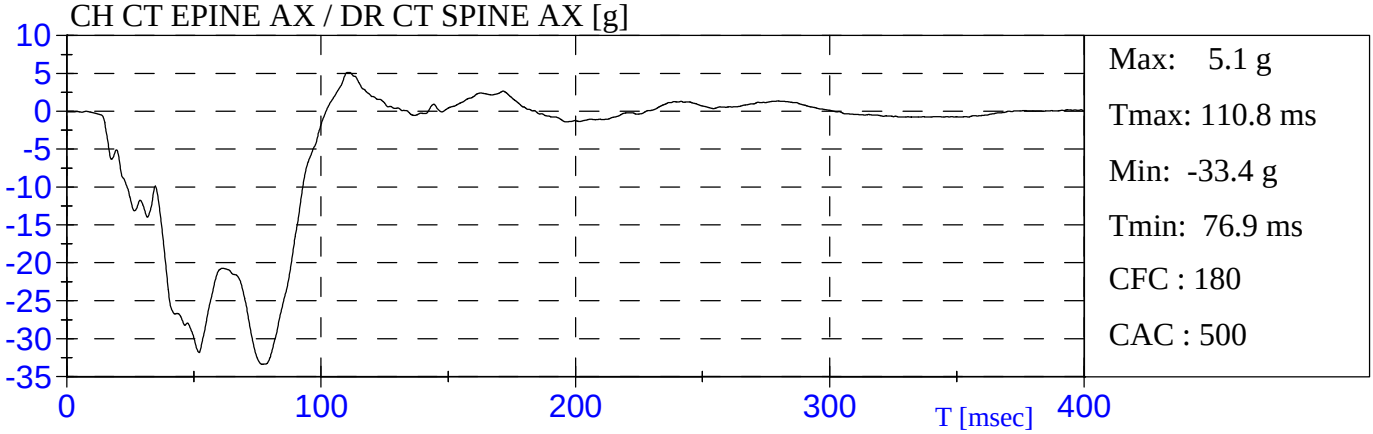
CH BA STERNUM AX / DR LO STERNUM AX [g]



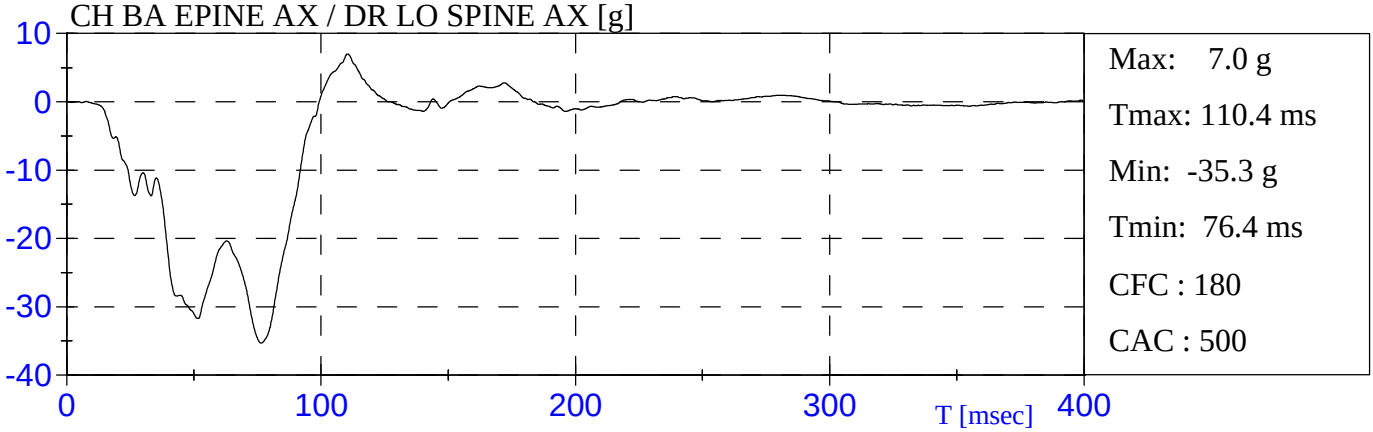
CH HT EPINE AX / DR UP SPINE AX [g]



CH CT EPINE AX / DR CT SPINE AX [g]

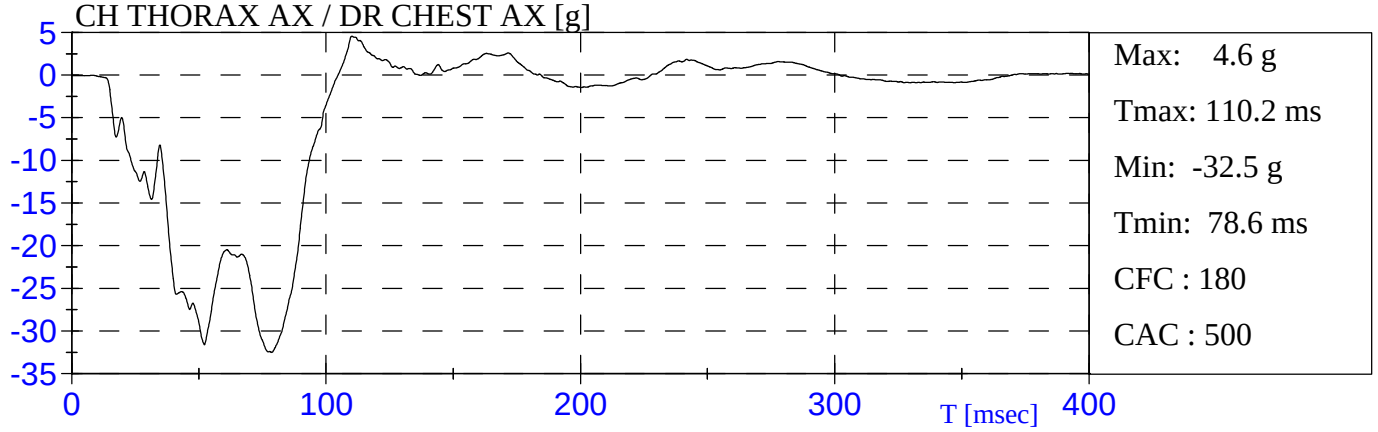


CH BA EPINE AX / DR LO SPINE AX [g]



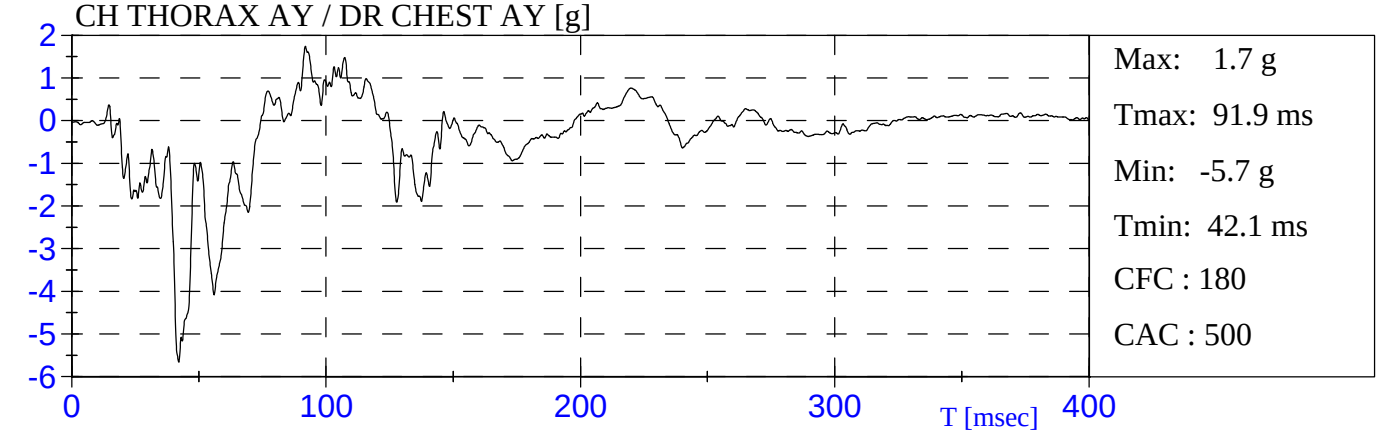
VOLKS TOUAREG 2004

CH THORAX AX / DR CHEST AX [g]



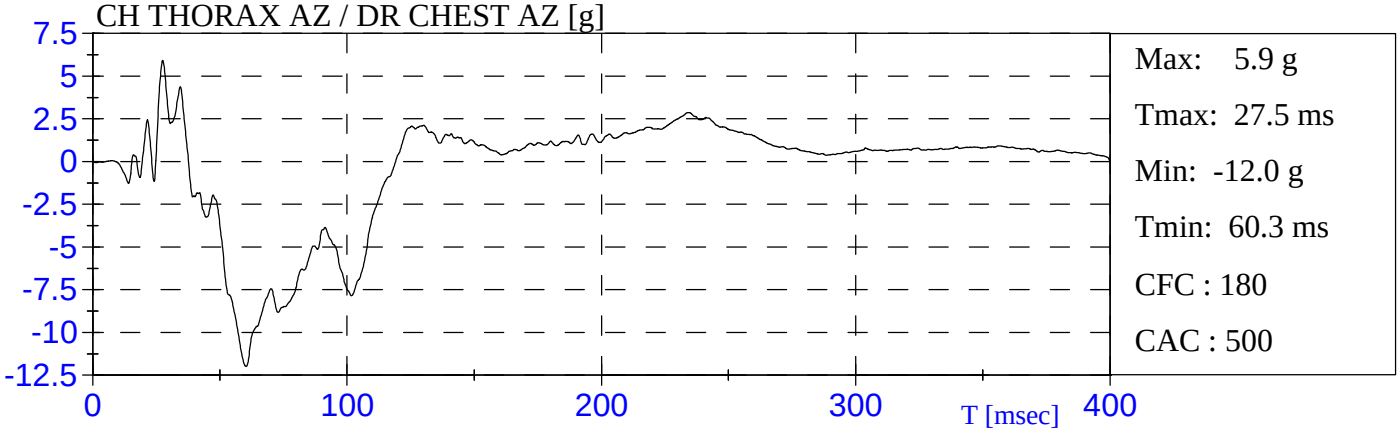
Max: 4.6 g
Tmax: 110.2 ms
Min: -32.5 g
Tmin: 78.6 ms
CFC : 180
CAC : 500

CH THORAX AY / DR CHEST AY [g]



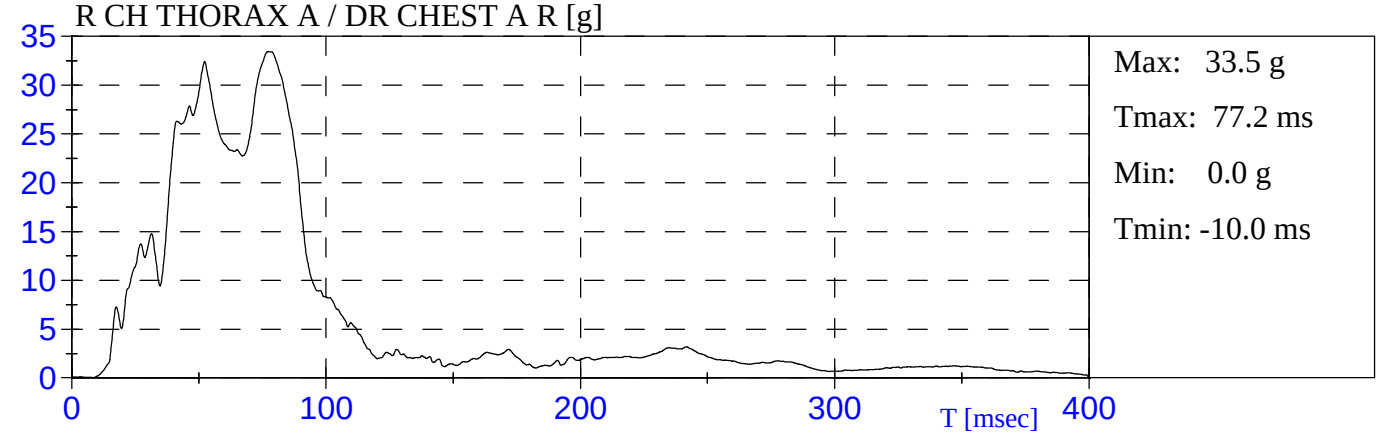
Max: 1.7 g
Tmax: 91.9 ms
Min: -5.7 g
Tmin: 42.1 ms
CFC : 180
CAC : 500

CH THORAX AZ / DR CHEST AZ [g]



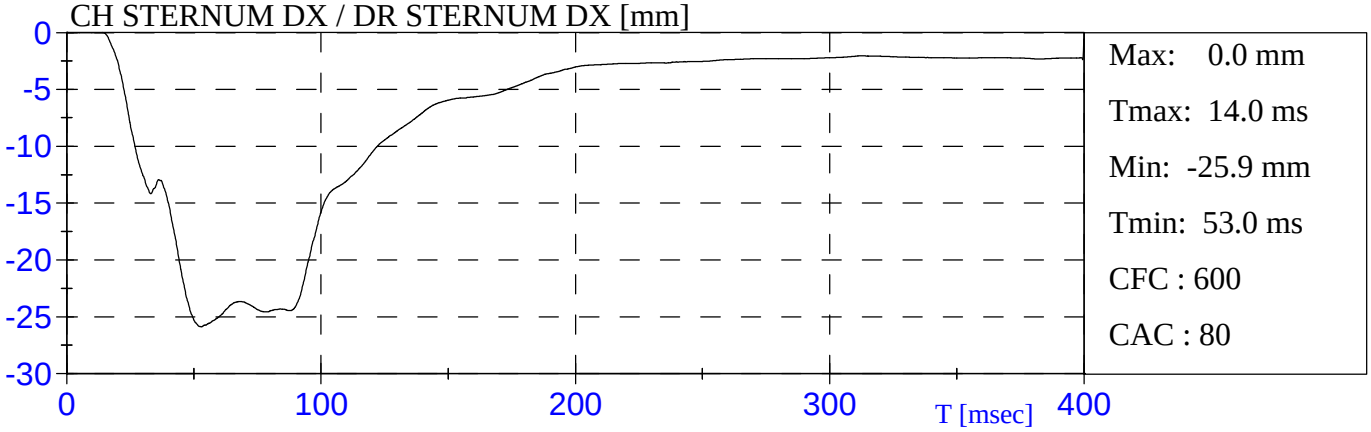
Max: 5.9 g
Tmax: 27.5 ms
Min: -12.0 g
Tmin: 60.3 ms
CFC : 180
CAC : 500

R CH THORAX A / DR CHEST A R [g]

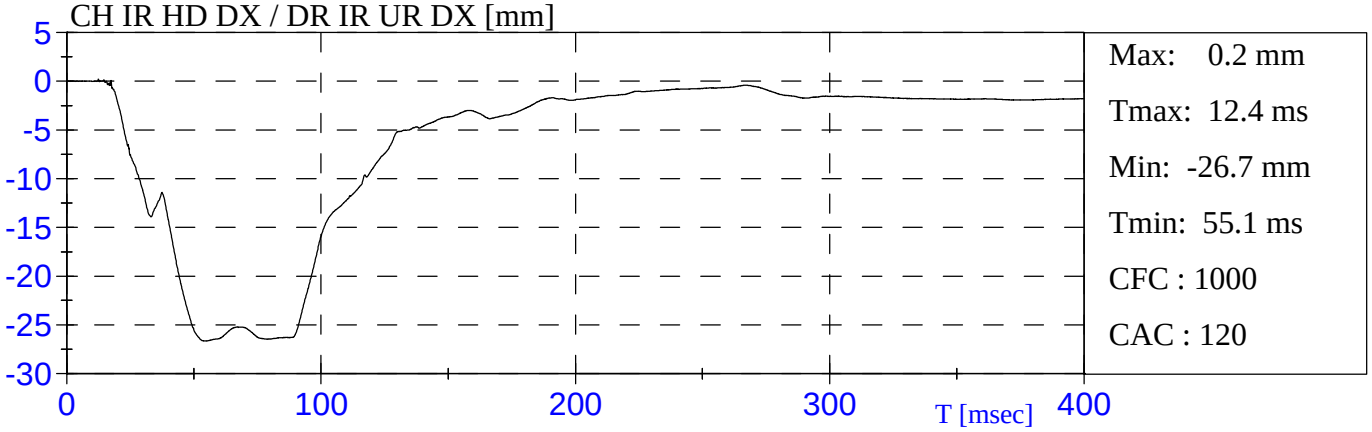


Max: 33.5 g
Tmax: 77.2 ms
Min: 0.0 g
Tmin: -10.0 ms

CH STERNUM DX / DR STERNUM DX [mm]

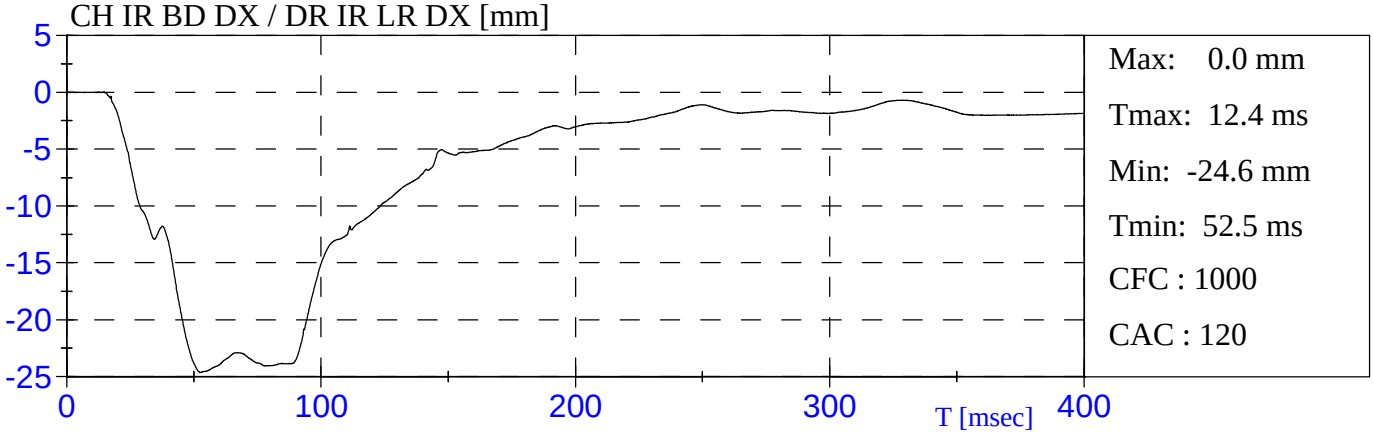


CH IR HD DX / DR IR UR DX [mm]



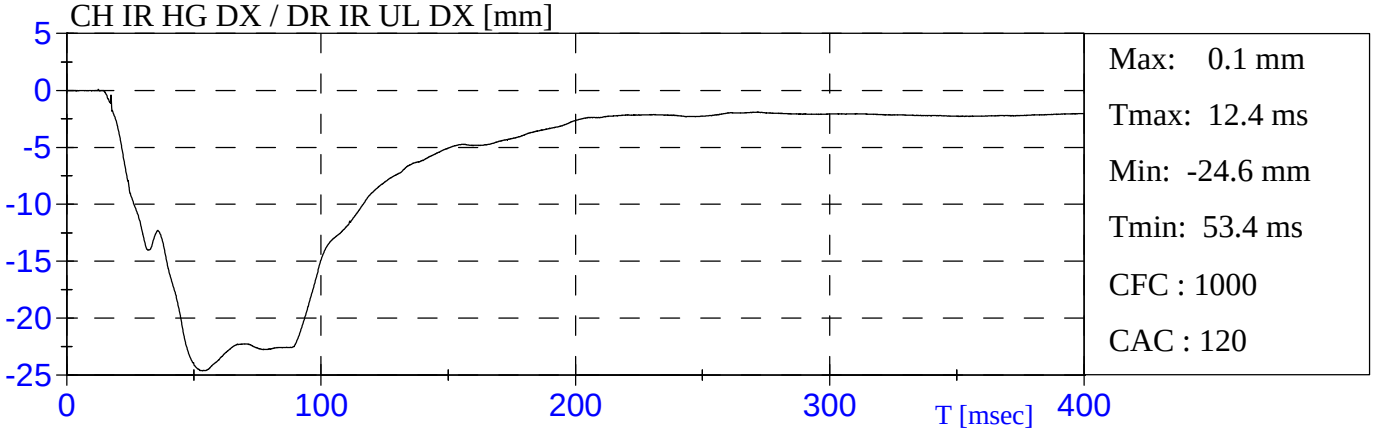
Max: 0.2 mm
Tmax: 12.4 ms
Min: -26.7 mm
Tmin: 55.1 ms
CFC : 1000
CAC : 120

CH IR BD DX / DR IR LR DX [mm]



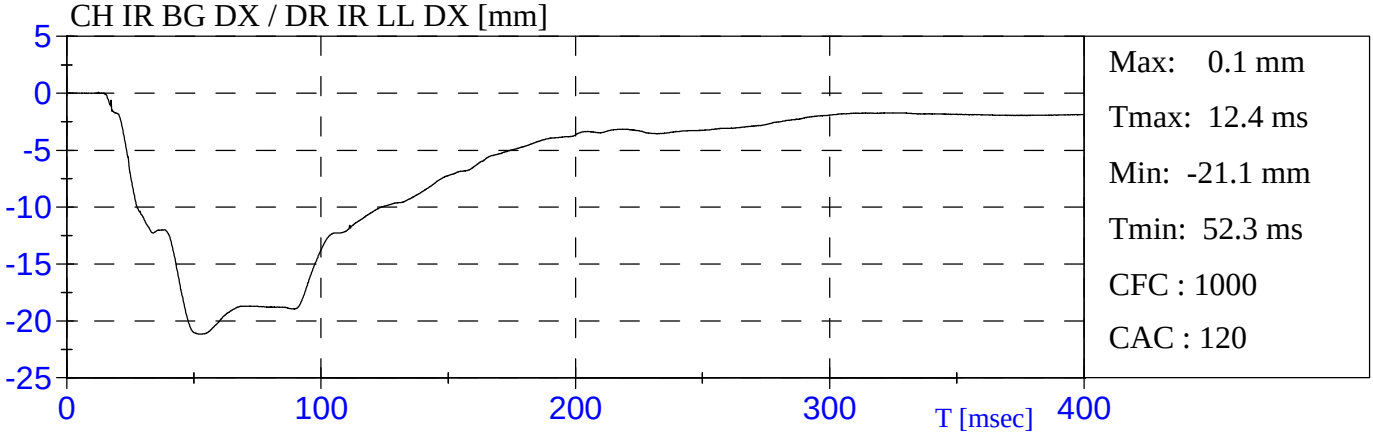
Max: 0.0 mm
Tmax: 12.4 ms
Min: -24.6 mm
Tmin: 52.5 ms
CFC : 1000
CAC : 120

CH IR HG DX / DR IR UL DX [mm]



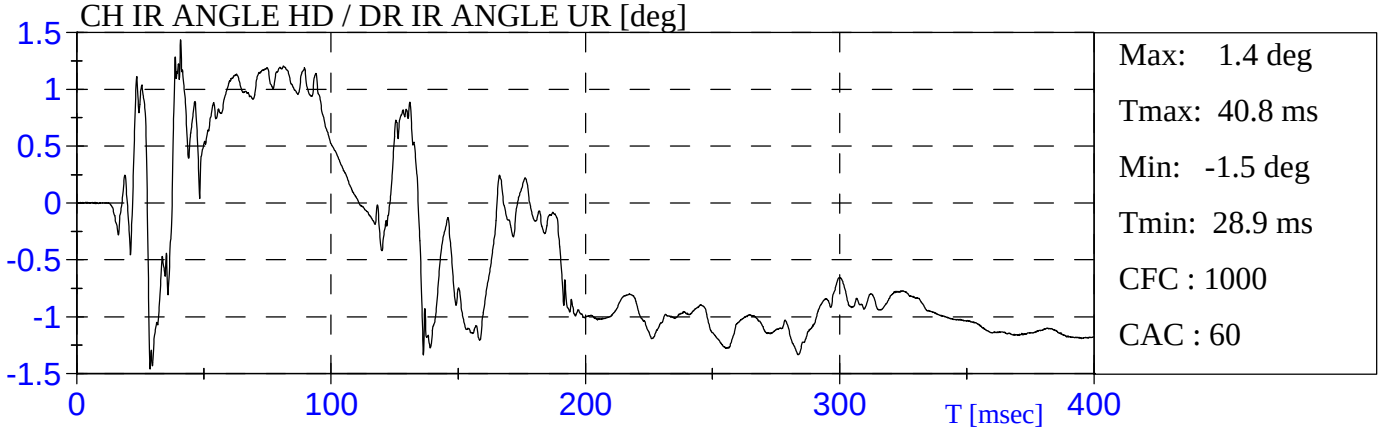
Max: 0.1 mm
Tmax: 12.4 ms
Min: -24.6 mm
Tmin: 53.4 ms
CFC : 1000
CAC : 120

CH IR BG DX / DR IR LL DX [mm]

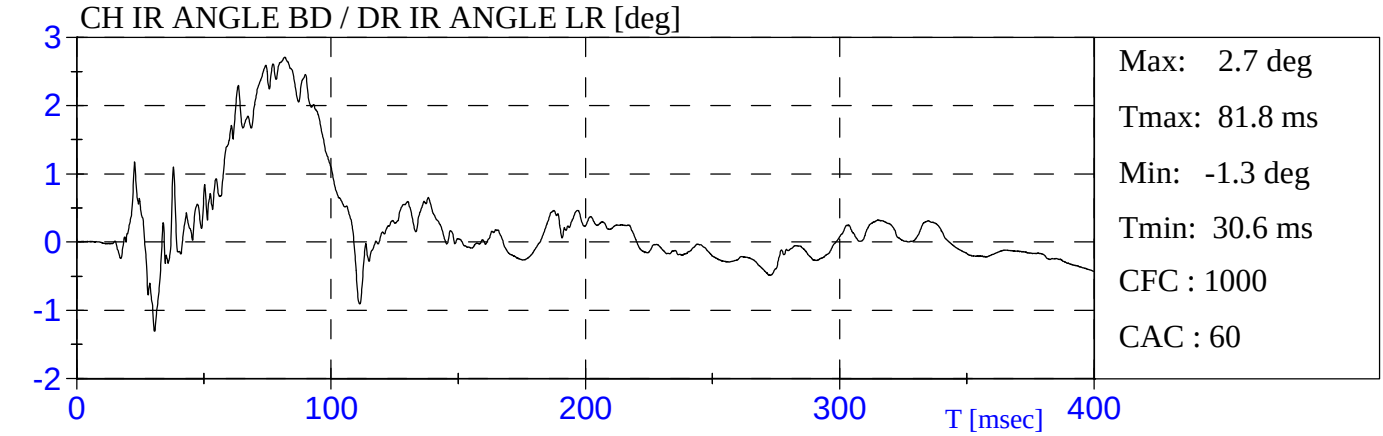


Max: 0.1 mm
Tmax: 12.4 ms
Min: -21.1 mm
Tmin: 52.3 ms
CFC : 1000
CAC : 120

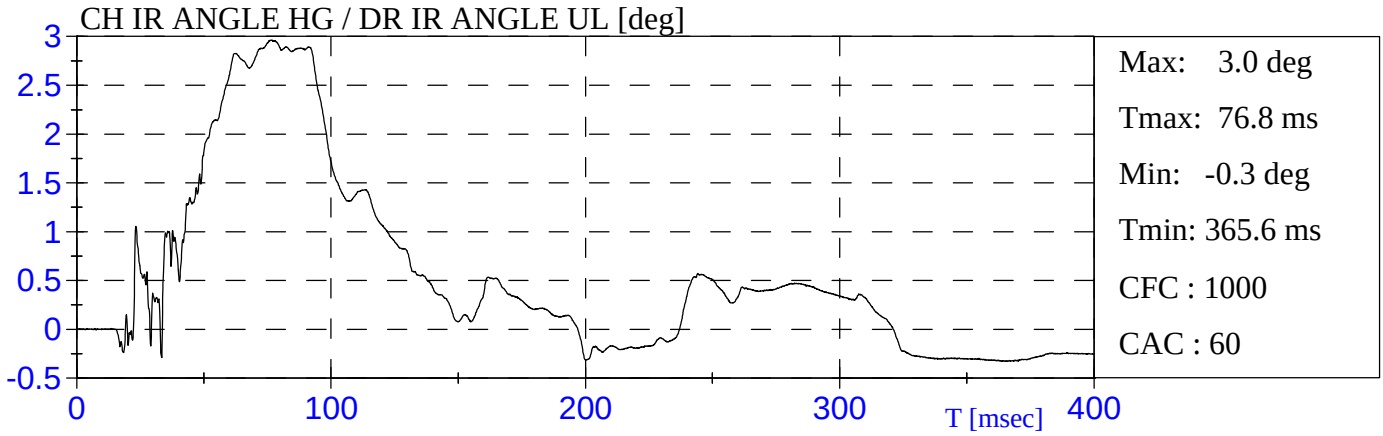
CH IR ANGLE HD / DR IR ANGLE UR [deg]



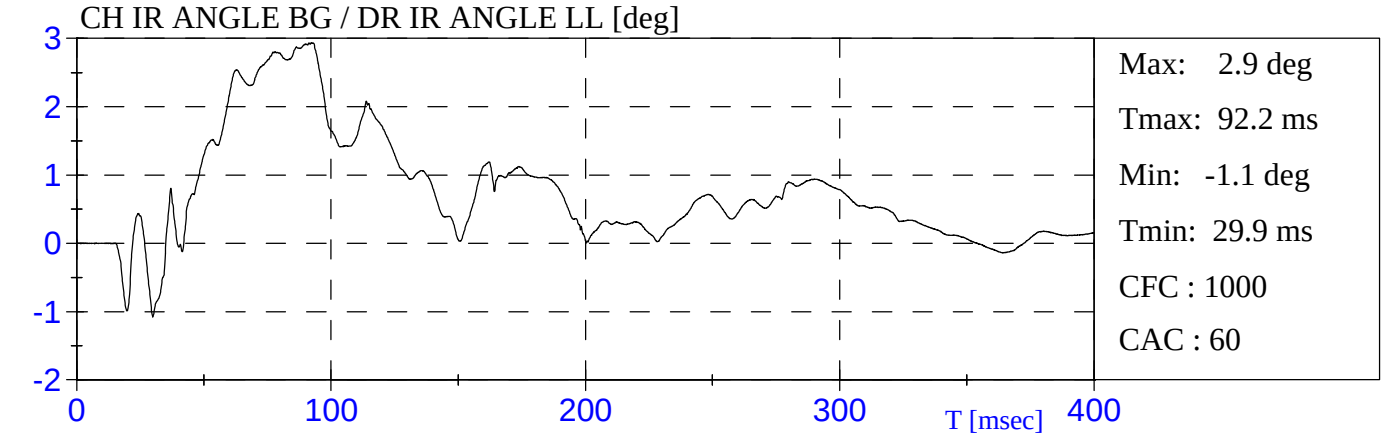
CH IR ANGLE BD / DR IR ANGLE LR [deg]



CH IR ANGLE HG / DR IR ANGLE UL [deg]



CH IR ANGLE BG / DR IR ANGLE LL [deg]



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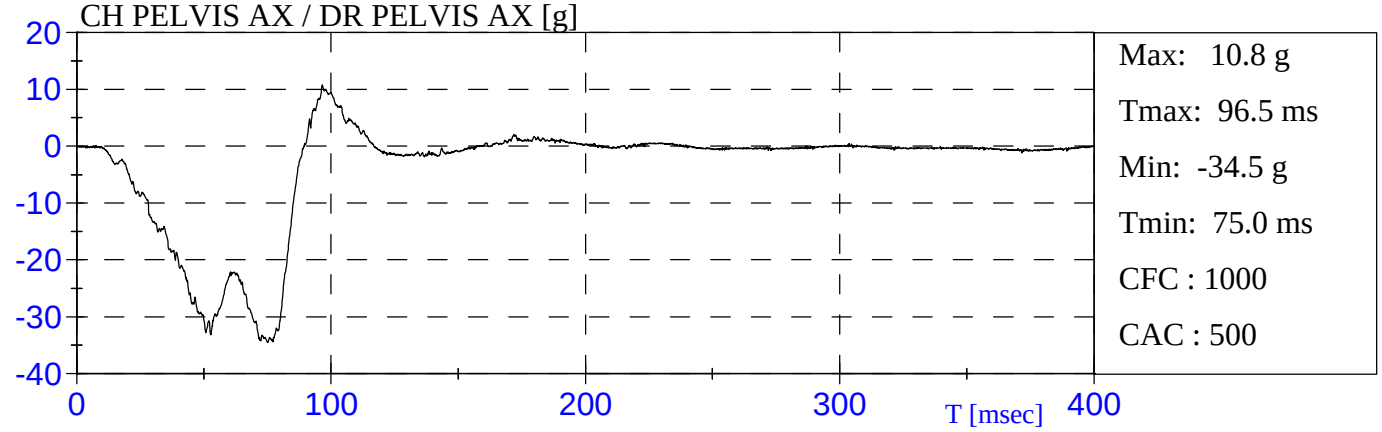
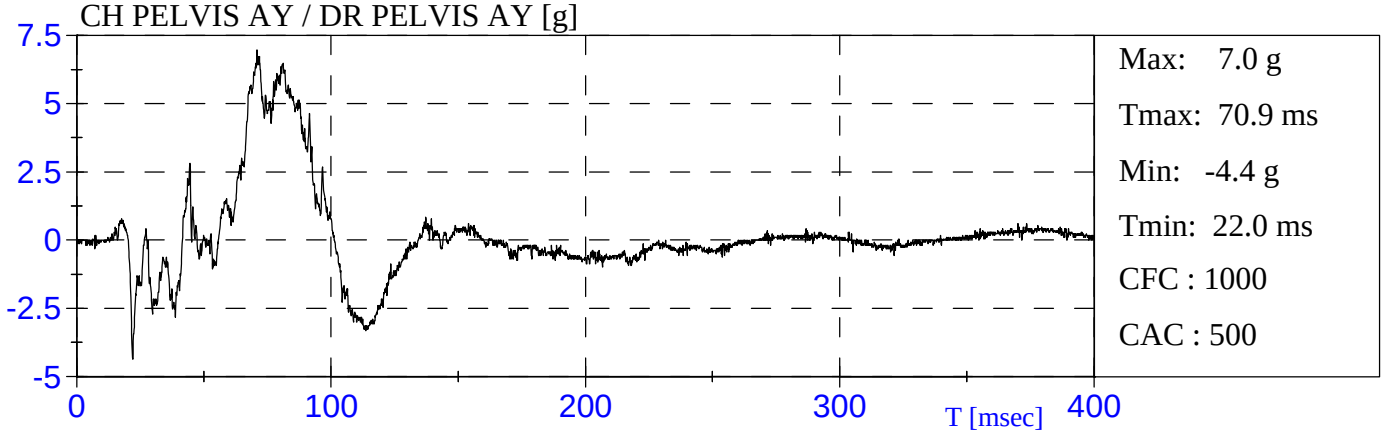
CH PELVIS AX / DR PELVIS AX [g]



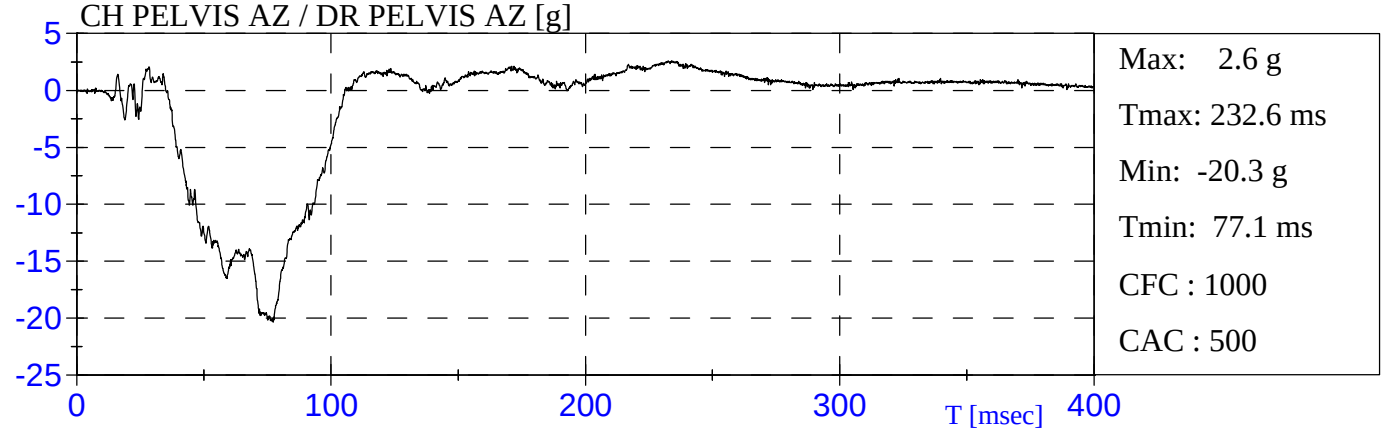
Max: 10.8 g
Tmax: 96.5 ms
Min: -34.5 g
Tmin: 75.0 ms
CFC : 1000
CAC : 500

CH PELVIS AY / DR PELVIS AY [g]



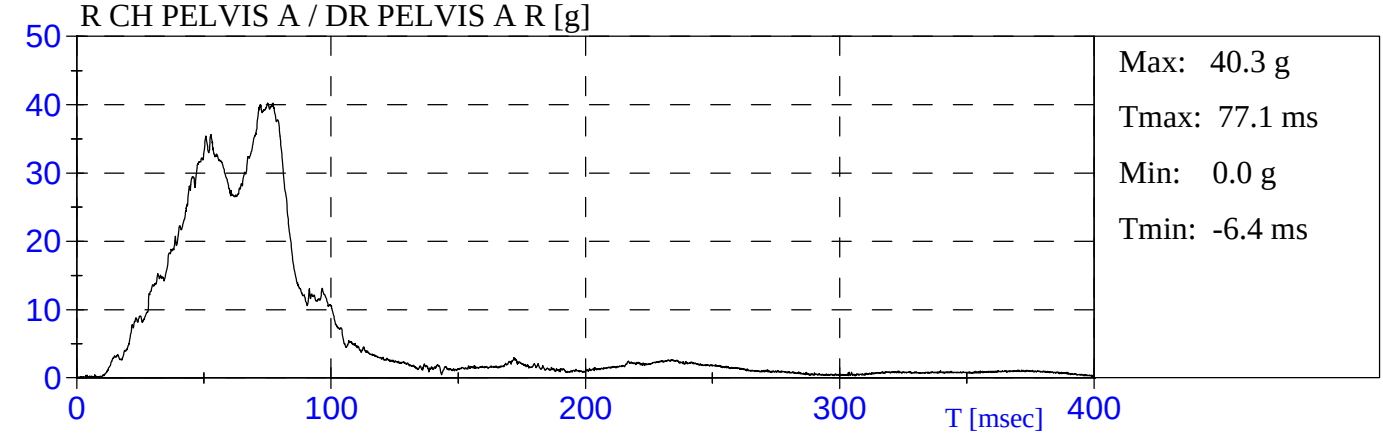
Max: 7.0 g
Tmax: 70.9 ms
Min: -4.4 g
Tmin: 22.0 ms
CFC : 1000
CAC : 500

CH PELVIS AZ / DR PELVIS AZ [g]



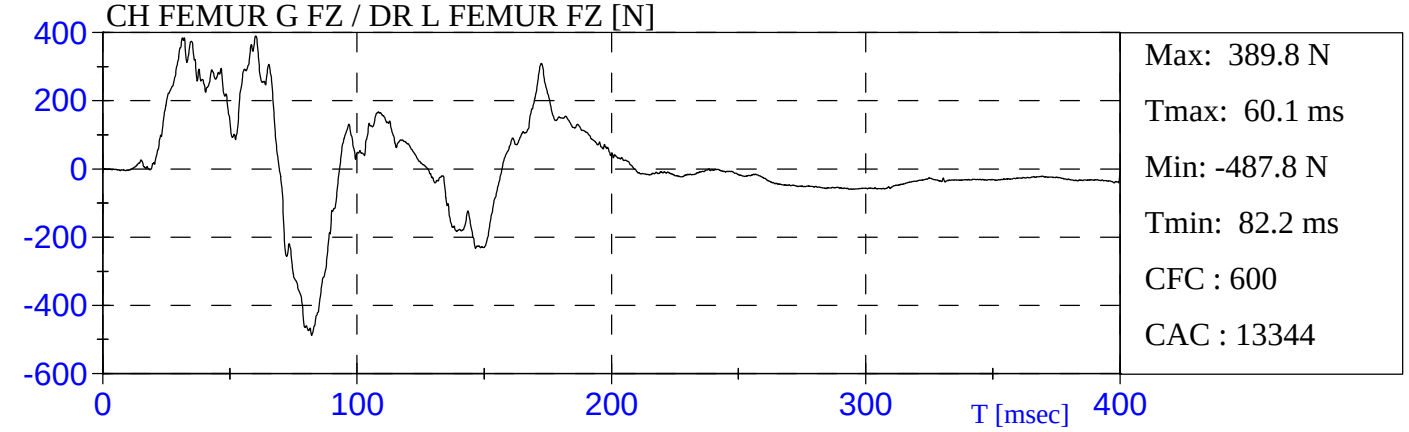
Max: 2.6 g
Tmax: 232.6 ms
Min: -20.3 g
Tmin: 77.1 ms
CFC : 1000
CAC : 500

R CH PELVIS A / DR PELVIS A R [g]

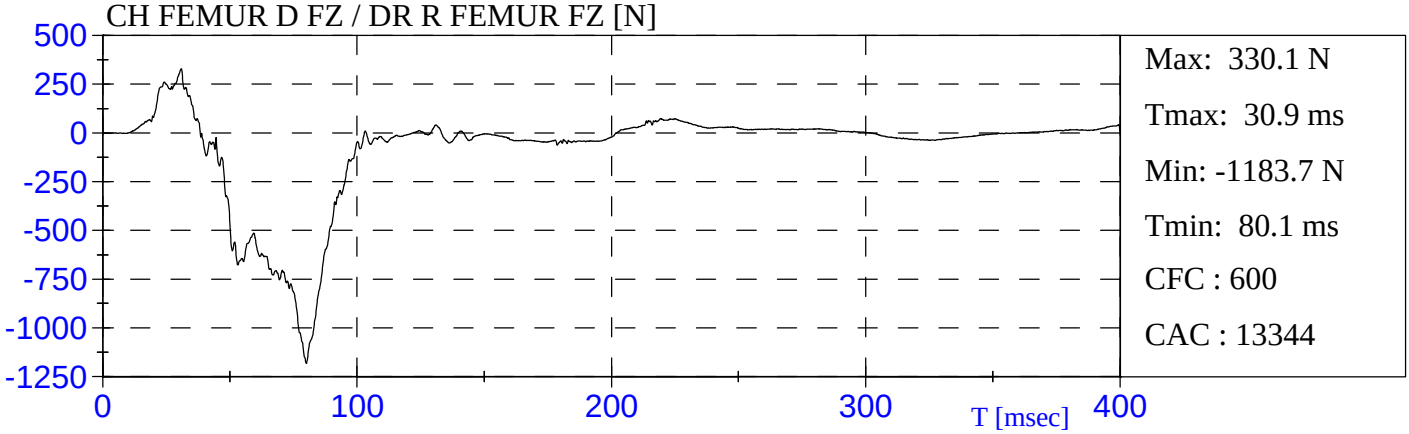


Max: 40.3 g
Tmax: 77.1 ms
Min: 0.0 g
Tmin: -6.4 ms

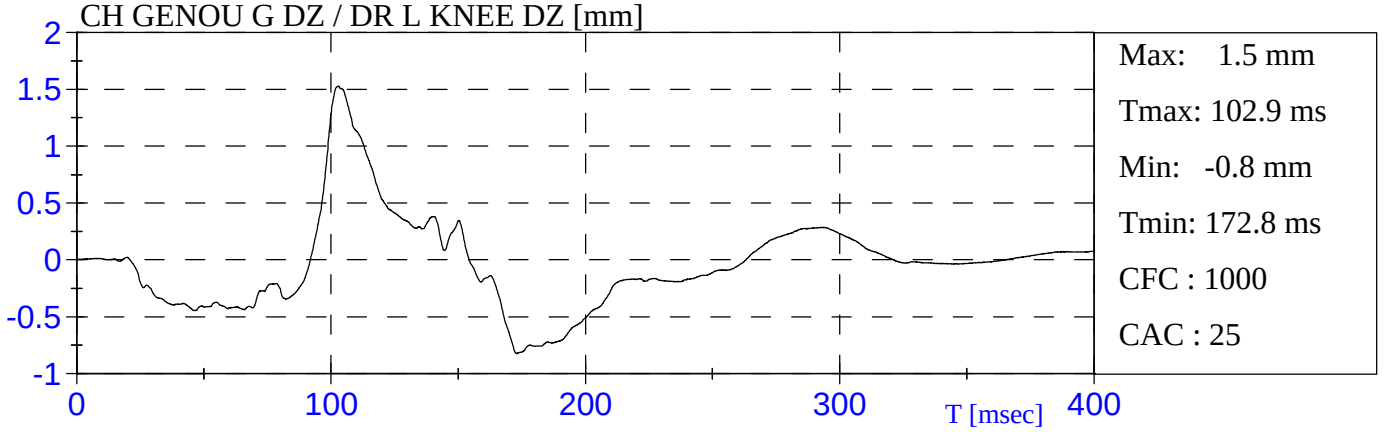
CH FEMUR G FZ / DR L FEMUR FZ [N]



CH FEMUR D FZ / DR R FEMUR FZ [N]

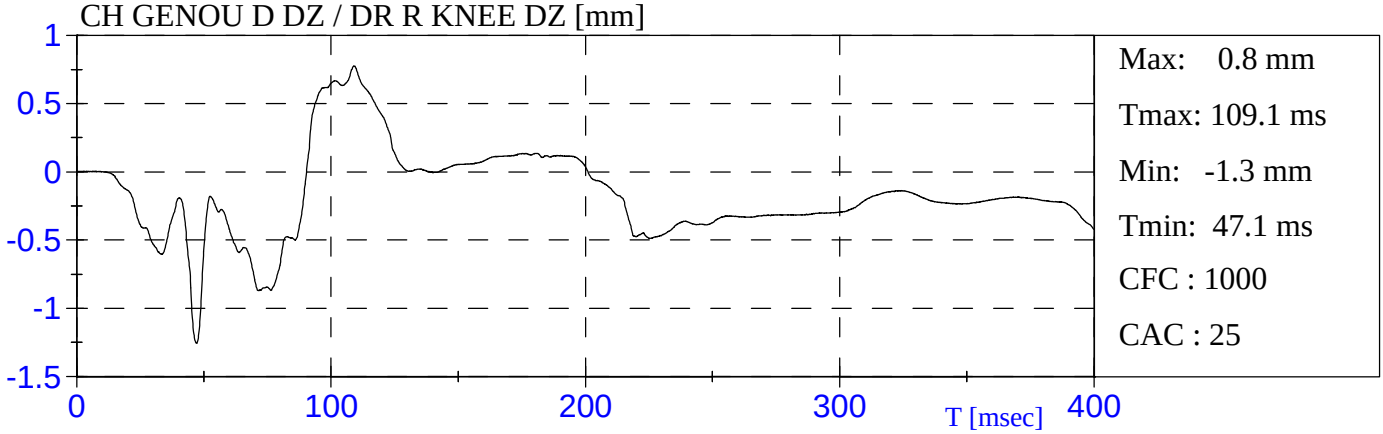


CH GENOU G DZ / DR L KNEE DZ [mm]



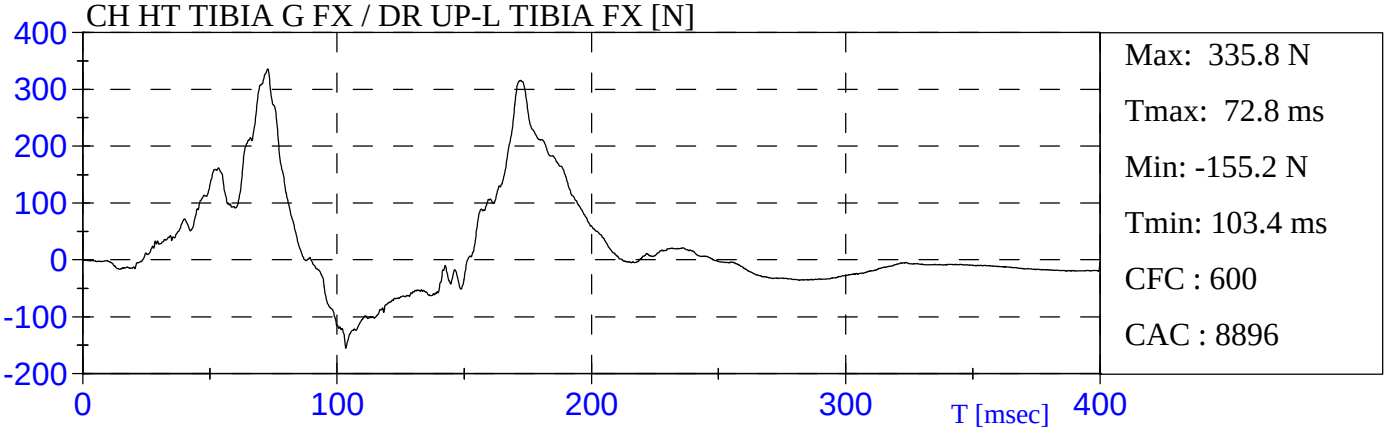
Max: 1.5 mm
Tmax: 102.9 ms
Min: -0.8 mm
Tmin: 172.8 ms
CFC : 1000
CAC : 25

CH GENOU D DZ / DR R KNEE DZ [mm]



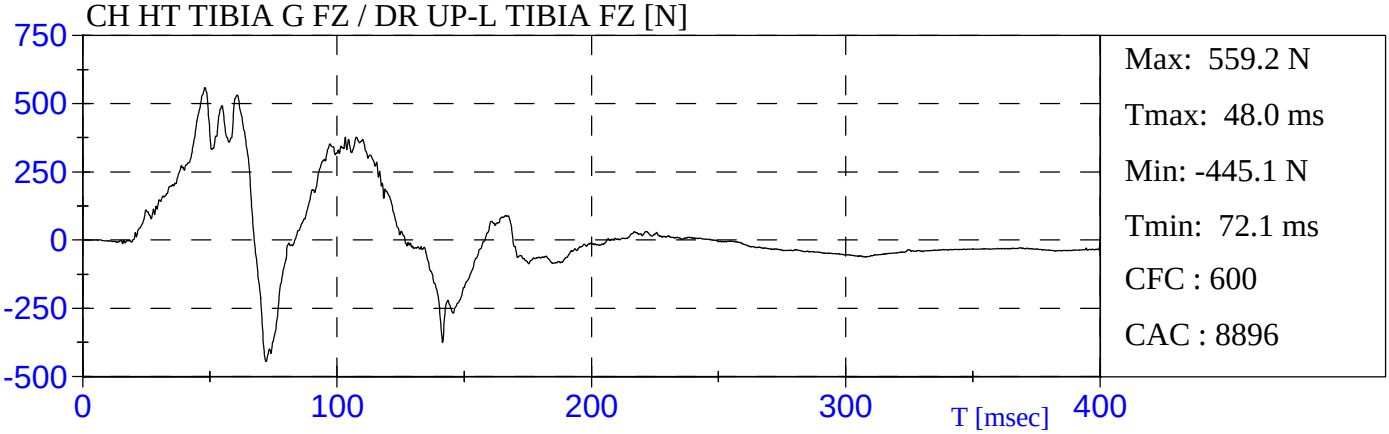
Max: 0.8 mm
Tmax: 109.1 ms
Min: -1.3 mm
Tmin: 47.1 ms
CFC : 1000
CAC : 25

CH HT TIBIA G FX / DR UP-L TIBIA FX [N]



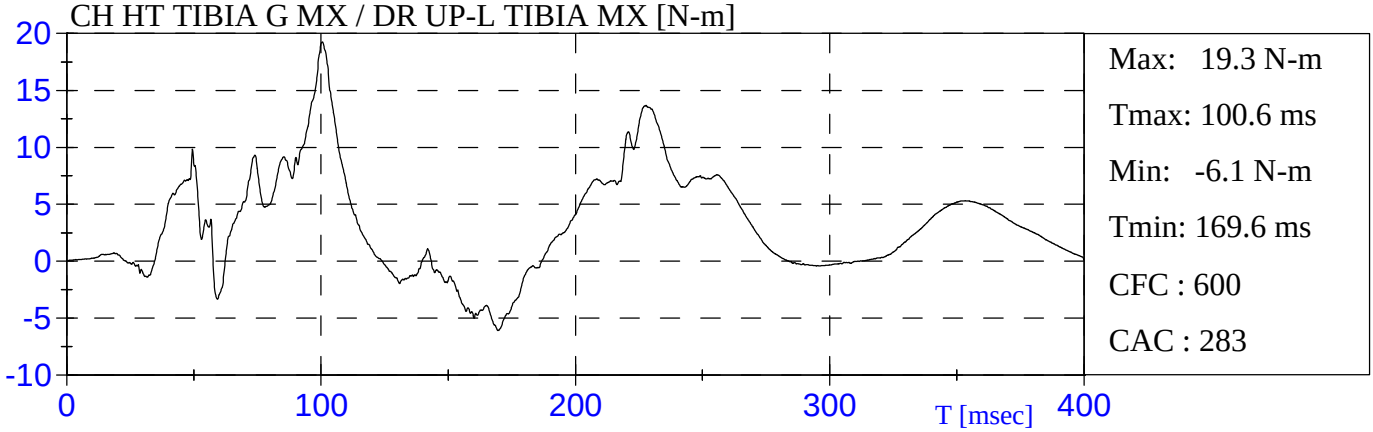
Max: 335.8 N
Tmax: 72.8 ms
Min: -155.2 N
Tmin: 103.4 ms
CFC : 600
CAC : 8896

CH HT TIBIA G FZ / DR UP-L TIBIA FZ [N]



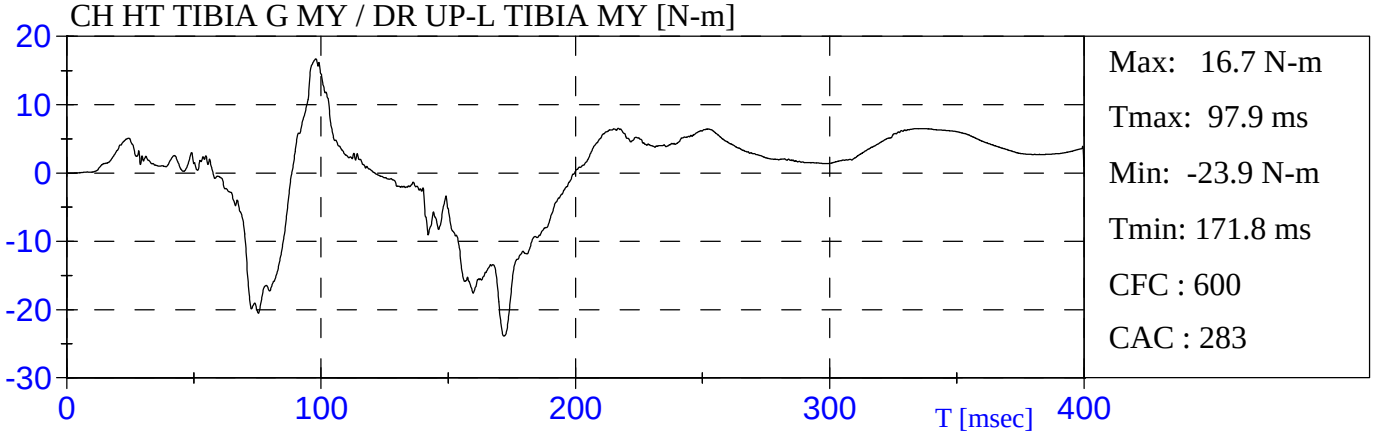
Max: 559.2 N
Tmax: 48.0 ms
Min: -445.1 N
Tmin: 72.1 ms
CFC : 600
CAC : 8896

CH HT TIBIA G MX / DR UP-L TIBIA MX [N-m]



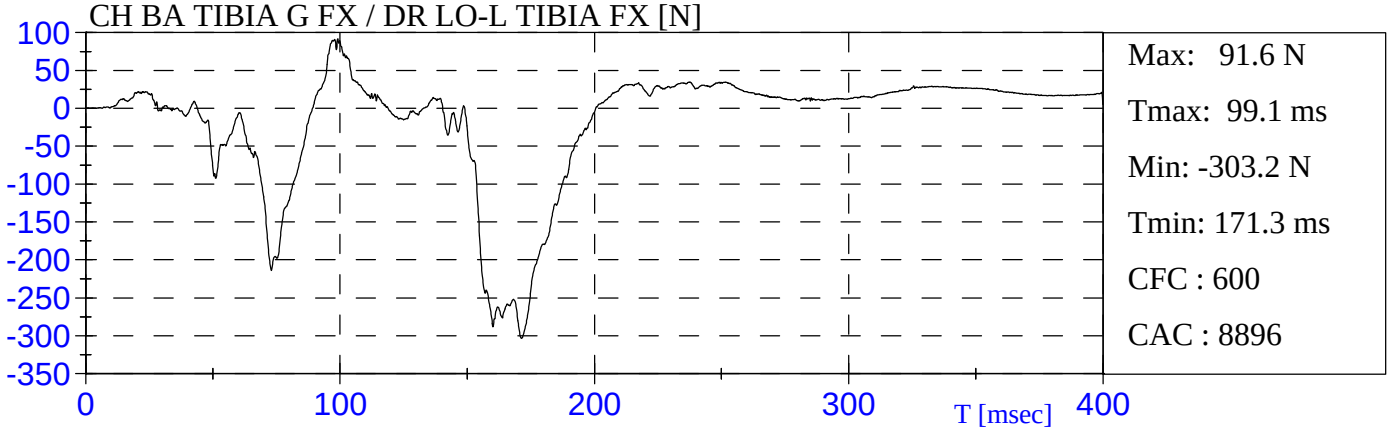
Max: 19.3 N-m
Tmax: 100.6 ms
Min: -6.1 N-m
Tmin: 169.6 ms
CFC : 600
CAC : 283

CH HT TIBIA G MY / DR UP-L TIBIA MY [N-m]

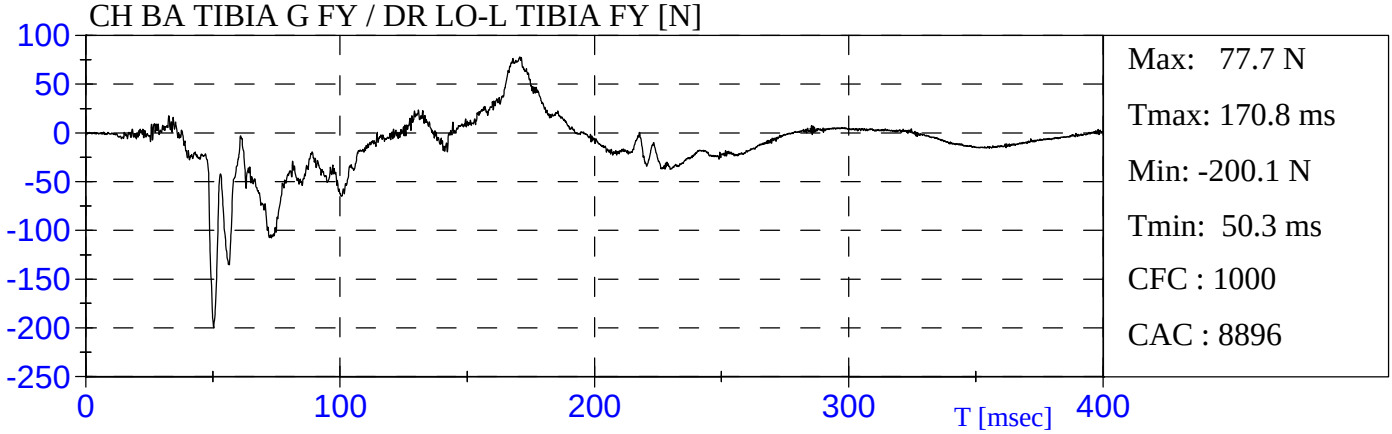


Max: 16.7 N-m
Tmax: 97.9 ms
Min: -23.9 N-m
Tmin: 171.8 ms
CFC : 600
CAC : 283

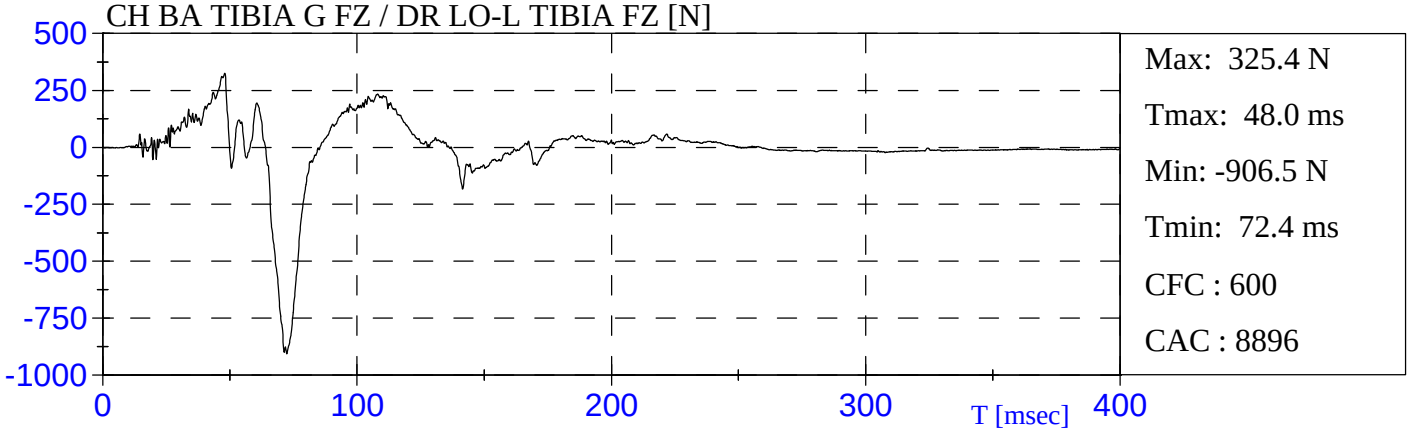
CH BA TIBIA G FX / DR LO-L TIBIA FX [N]



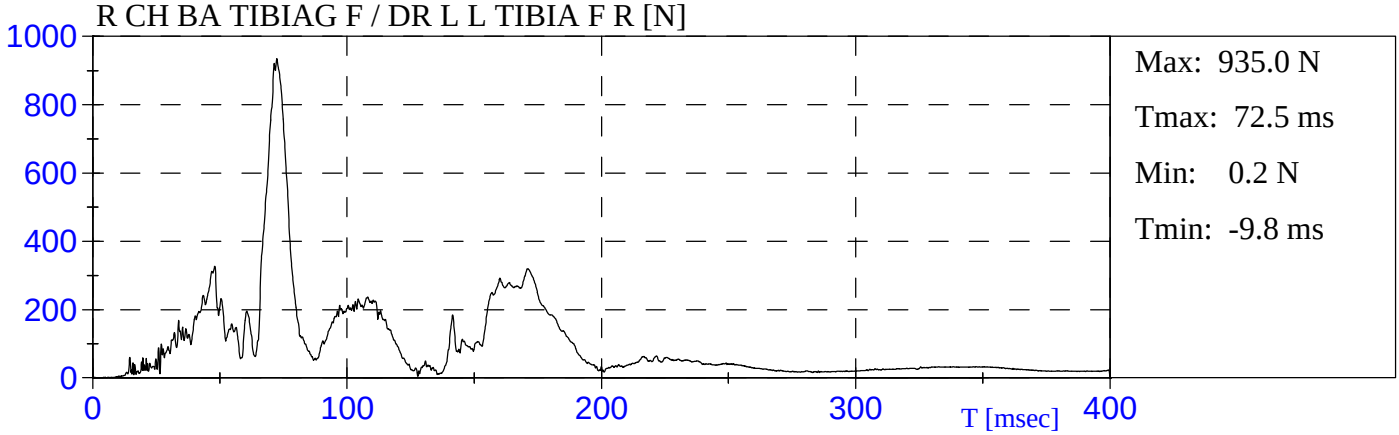
CH BA TIBIA G FY / DR LO-L TIBIA FY [N]



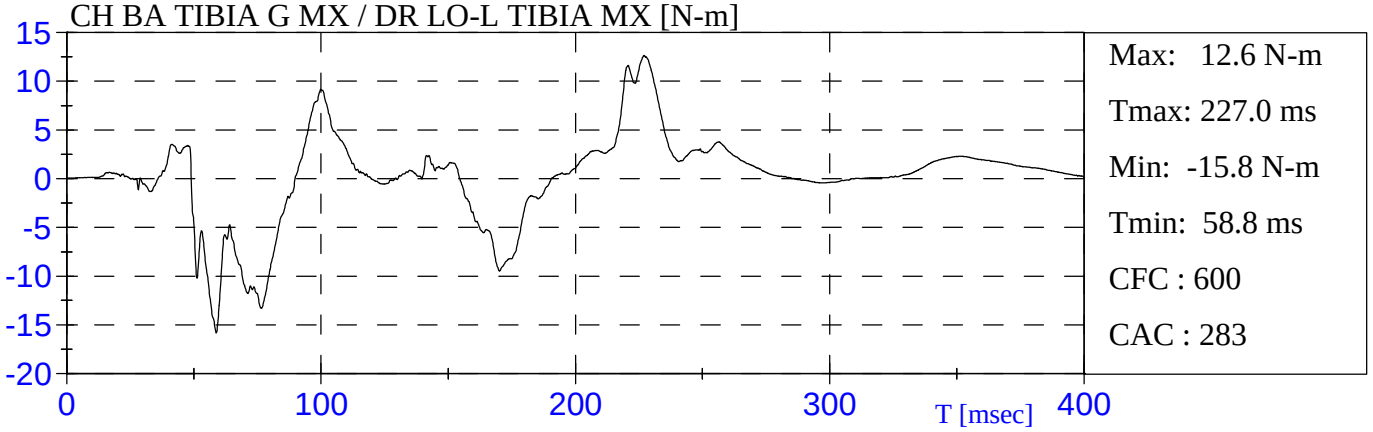
CH BA TIBIA G FZ / DR LO-L TIBIA FZ [N]



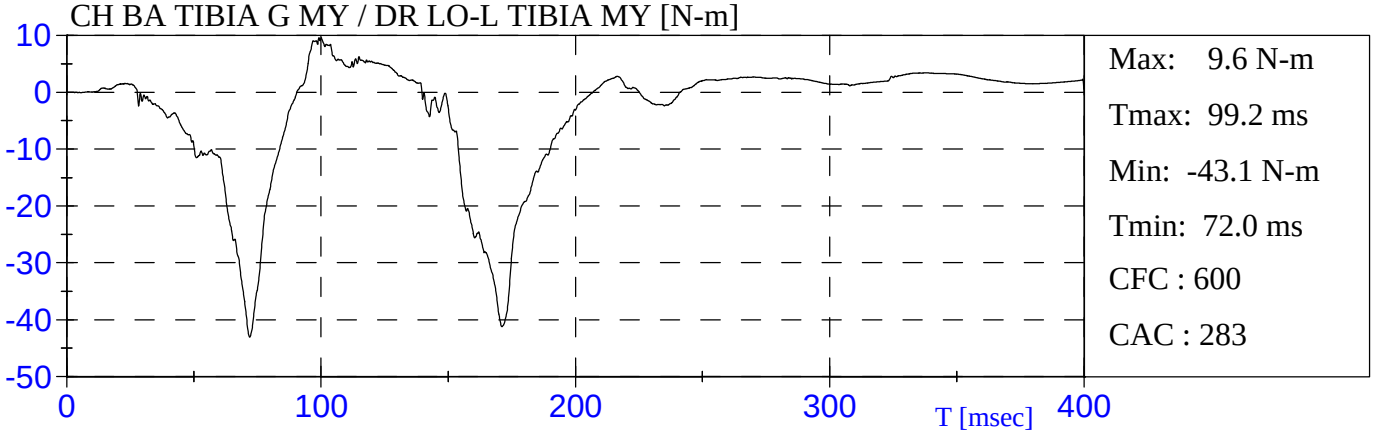
R CH BA TIBIAG F / DR L L TIBIA F R [N]



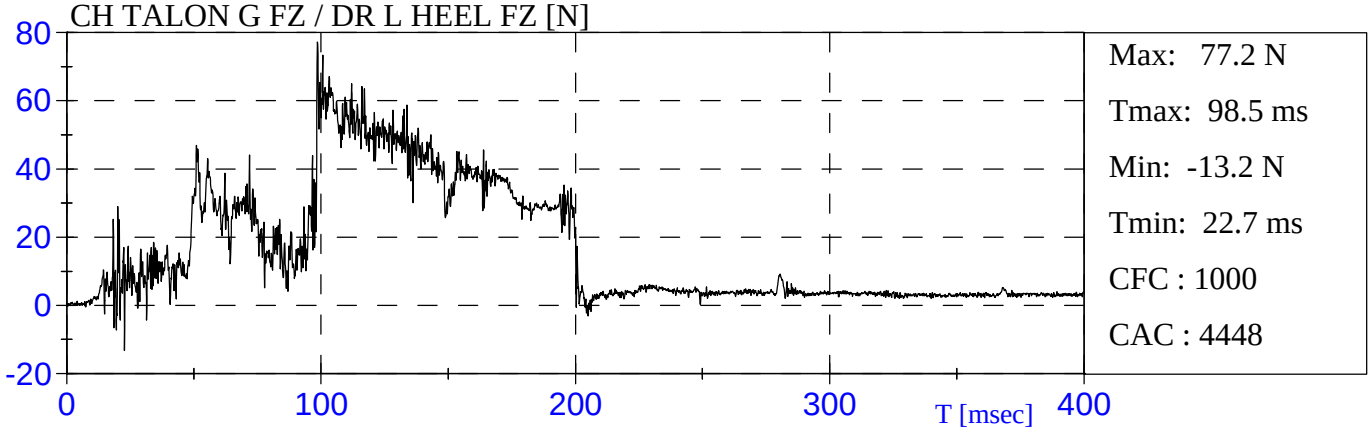
CH BA TIBIA G MX / DR LO-L TIBIA MX [N-m]



CH BA TIBIA G MY / DR LO-L TIBIA MY [N-m]

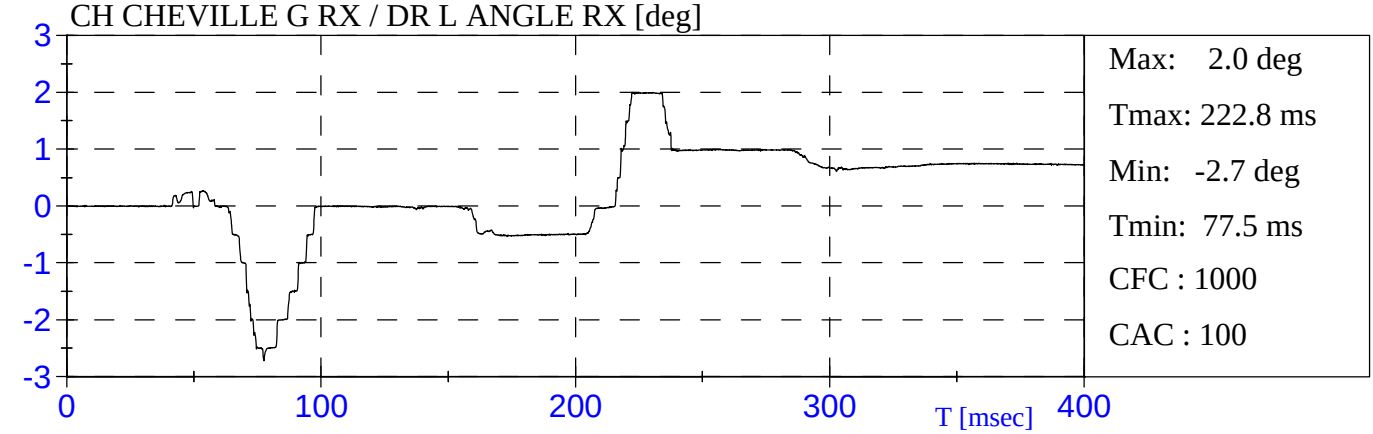


CH TALON G FZ / DR L HEEL FZ [N]



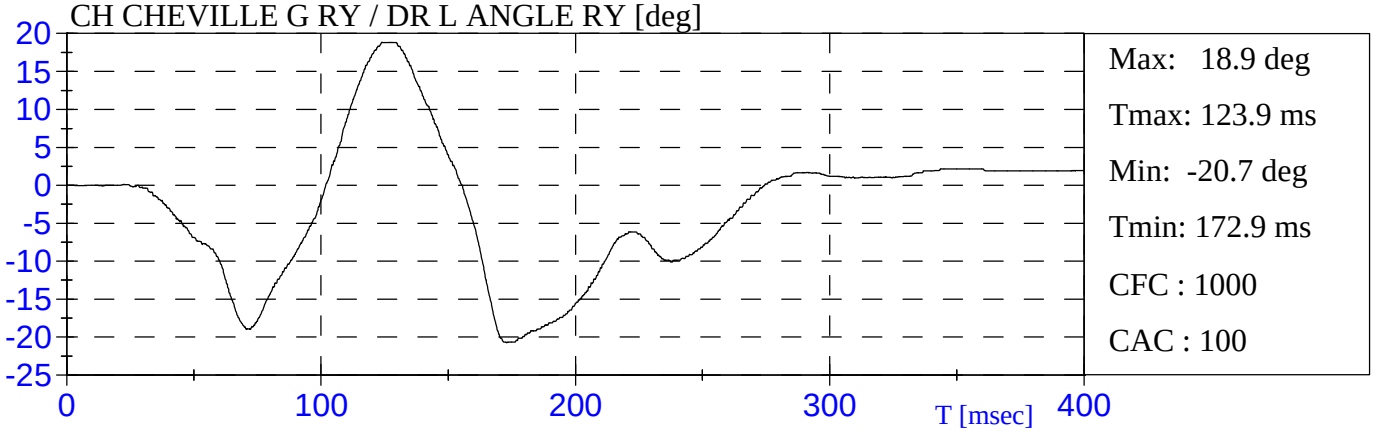
Max: 77.2 N
Tmax: 98.5 ms
Min: -13.2 N
Tmin: 22.7 ms
CFC : 1000
CAC : 4448

CH CHEVILLE G RX / DR L ANGLE RX [deg]



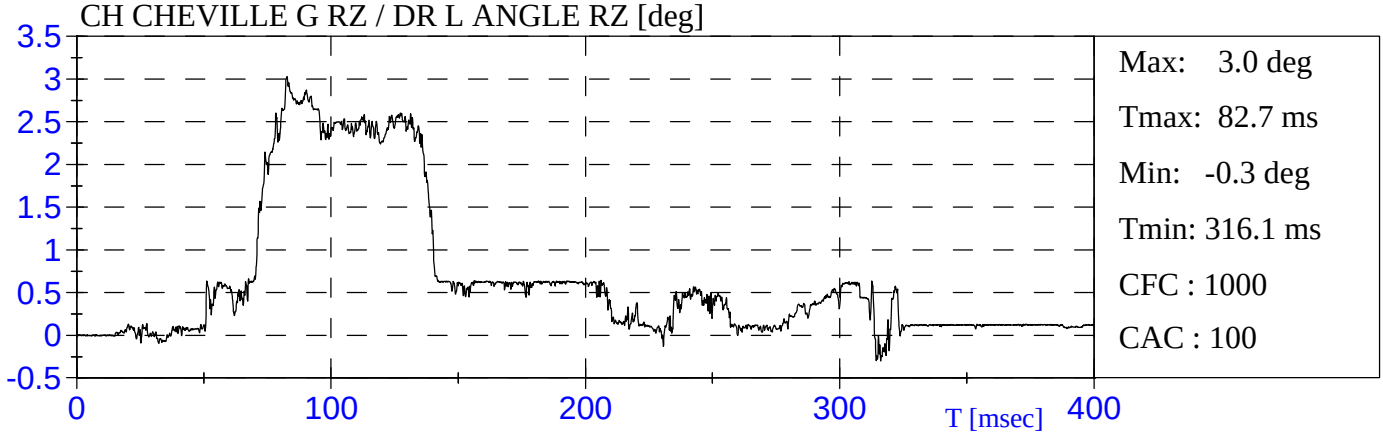
Max: 2.0 deg
Tmax: 222.8 ms
Min: -2.7 deg
Tmin: 77.5 ms
CFC : 1000
CAC : 100

CH CHEVILLE G RY / DR L ANGLE RY [deg]



Max: 18.9 deg
Tmax: 123.9 ms
Min: -20.7 deg
Tmin: 172.9 ms
CFC : 1000
CAC : 100

CH CHEVILLE G RZ / DR L ANGLE RZ [deg]



Max: 3.0 deg
Tmax: 82.7 ms
Min: -0.3 deg
Tmin: 316.1 ms
CFC : 1000
CAC : 100

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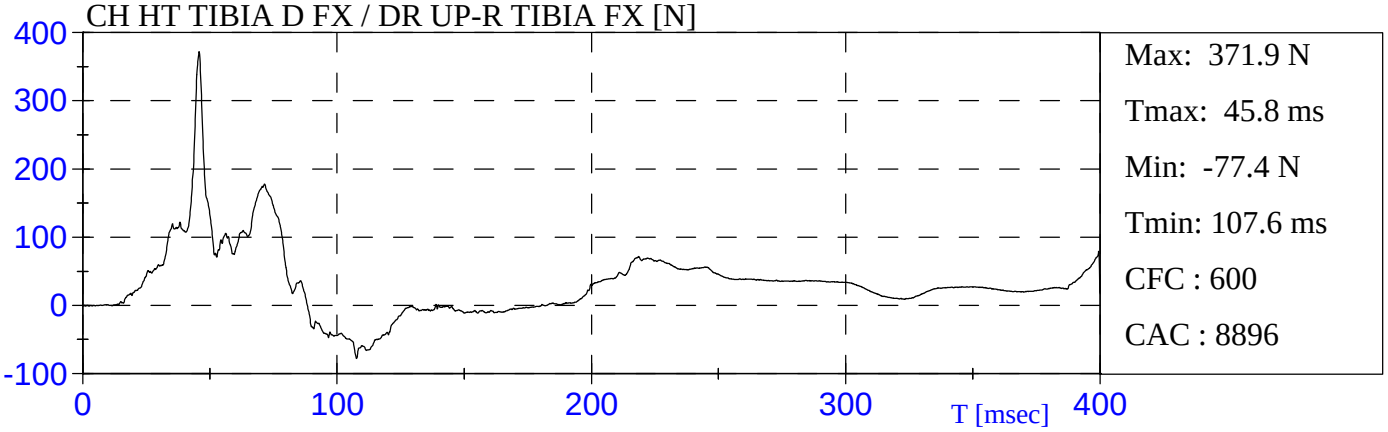
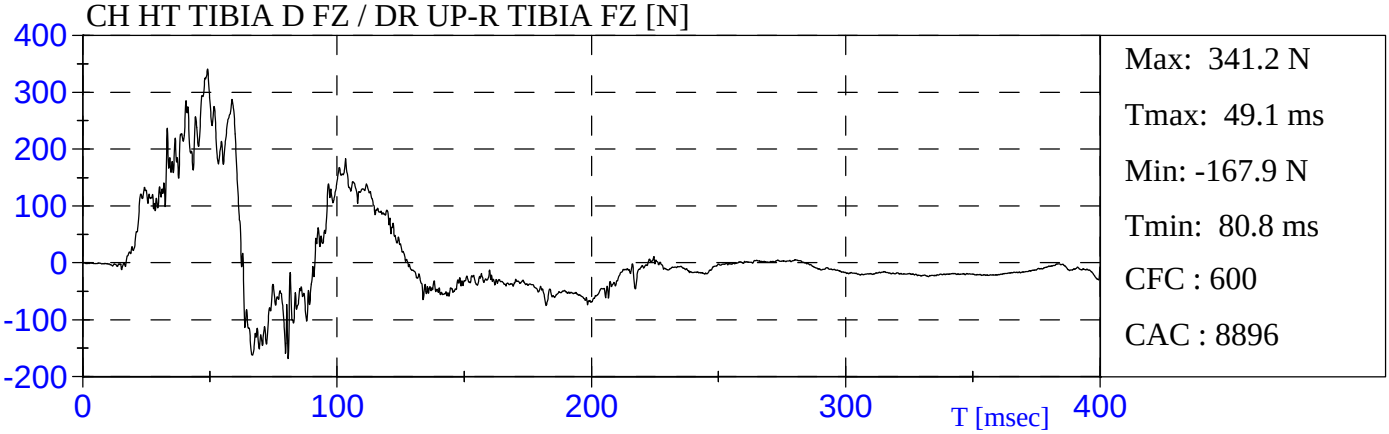
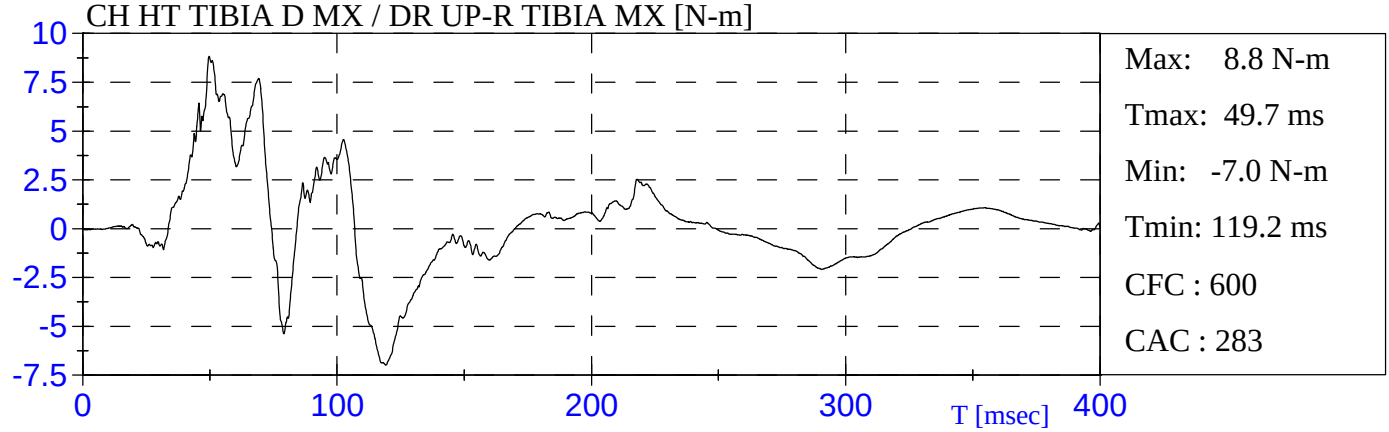
CH HT TIBIA D FX / DR UP-R TIBIA FX [N]



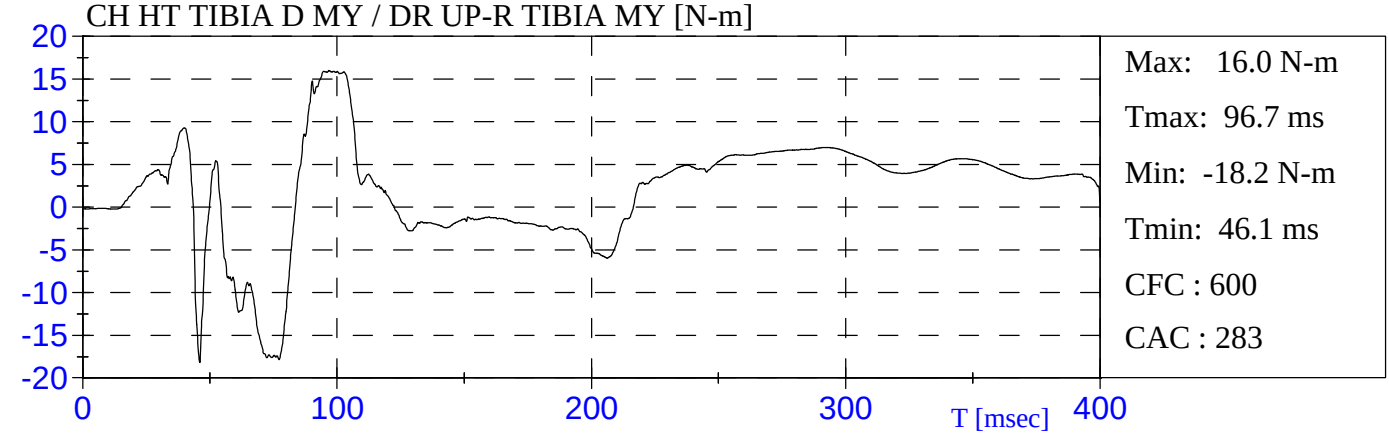
CH HT TIBIA D FZ / DR UP-R TIBIA FZ [N]



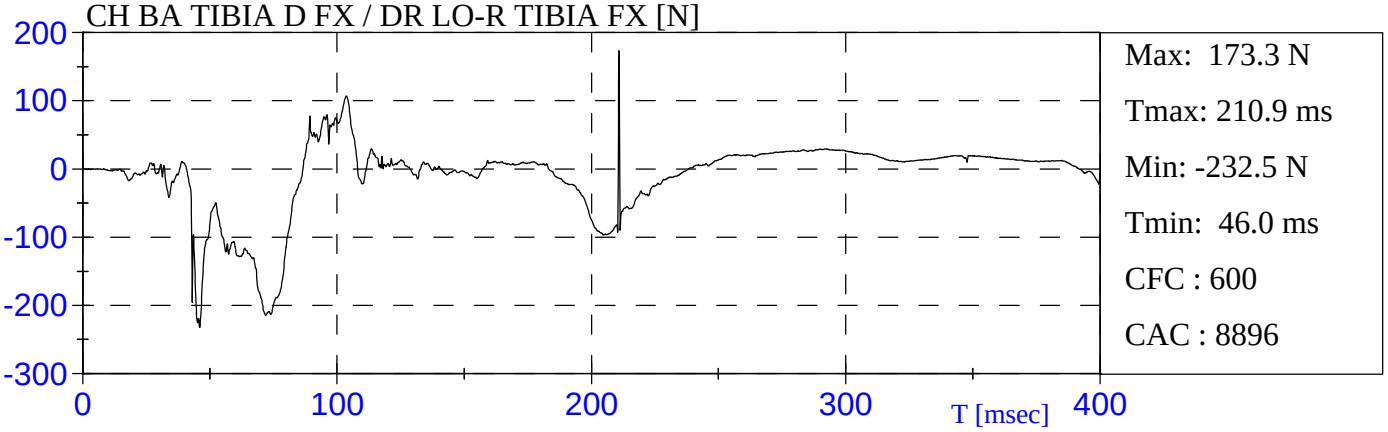
CH HT TIBIA D MX / DR UP-R TIBIA MX [N-m]



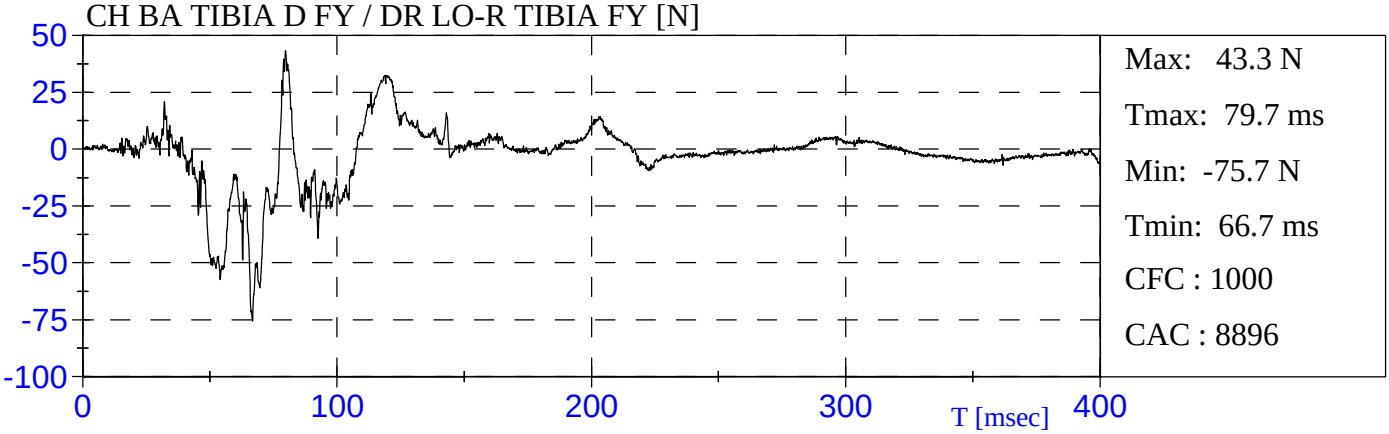
CH HT TIBIA D MY / DR UP-R TIBIA MY [N-m]



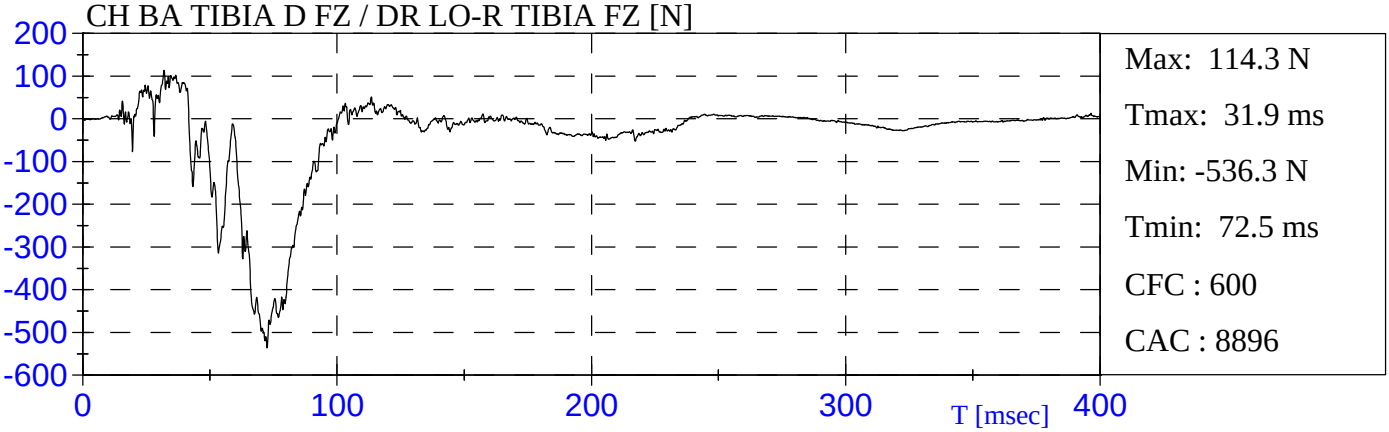
CH BA TIBIA D FX / DR LO-R TIBIA FX [N]



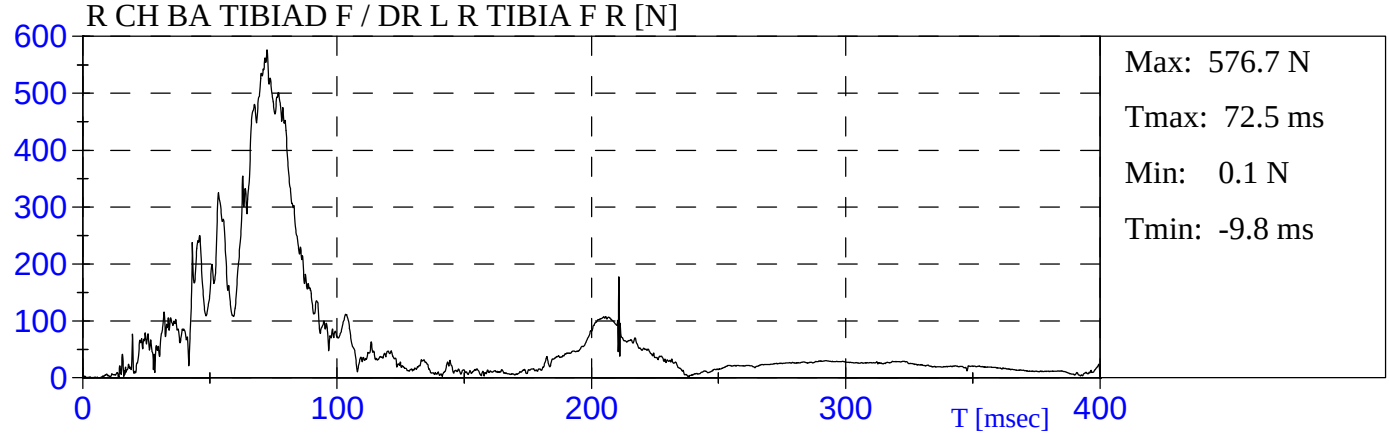
CH BA TIBIA D FY / DR LO-R TIBIA FY [N]



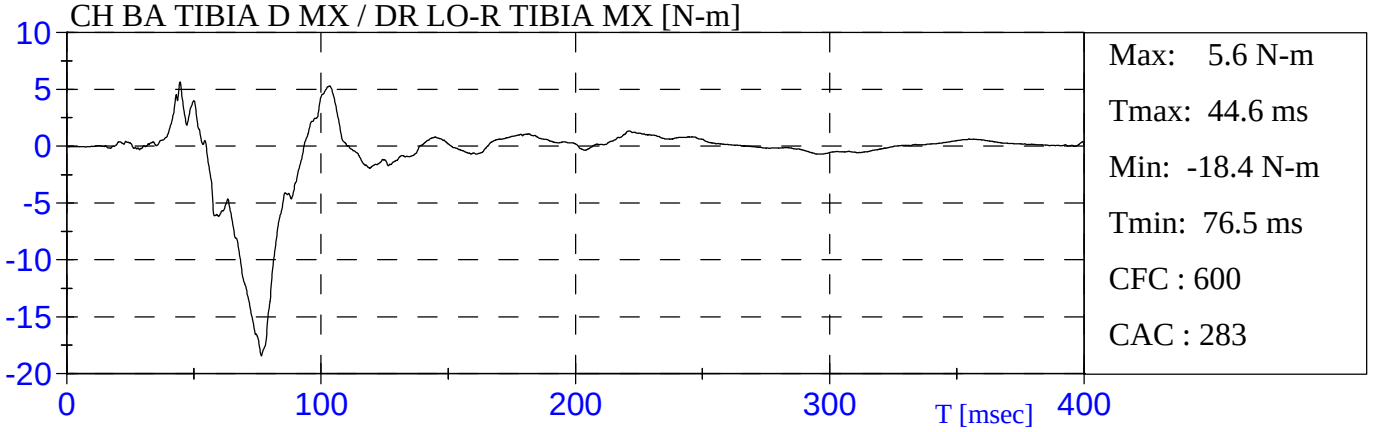
CH BA TIBIA D FZ / DR LO-R TIBIA FZ [N]



R CH BA TIBIAD F / DR L R TIBIA F R [N]

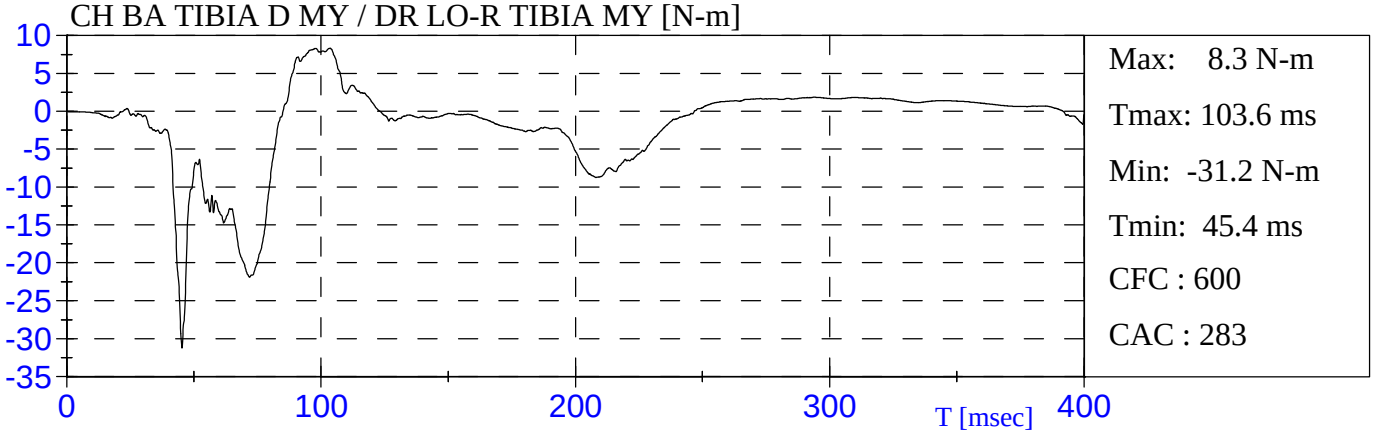


CH BA TIBIA D MX / DR LO-R TIBIA MX [N-m]



Max: 5.6 N-m
Tmax: 44.6 ms
Min: -18.4 N-m
Tmin: 76.5 ms
CFC : 600
CAC : 283

CH BA TIBIA D MY / DR LO-R TIBIA MY [N-m]



Max: 8.3 N-m
Tmax: 103.6 ms
Min: -31.2 N-m
Tmin: 45.4 ms
CFC : 600
CAC : 283

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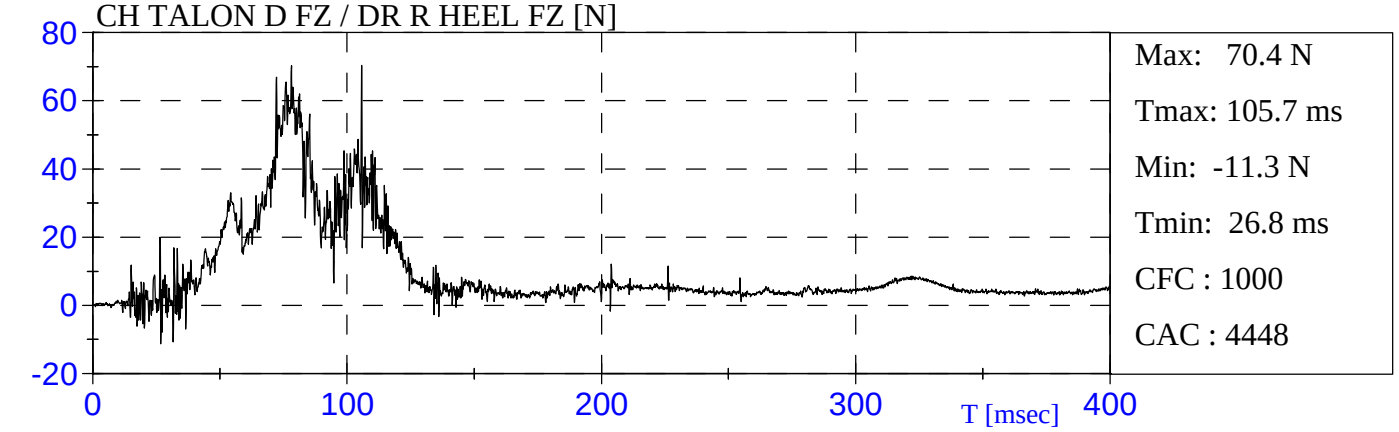
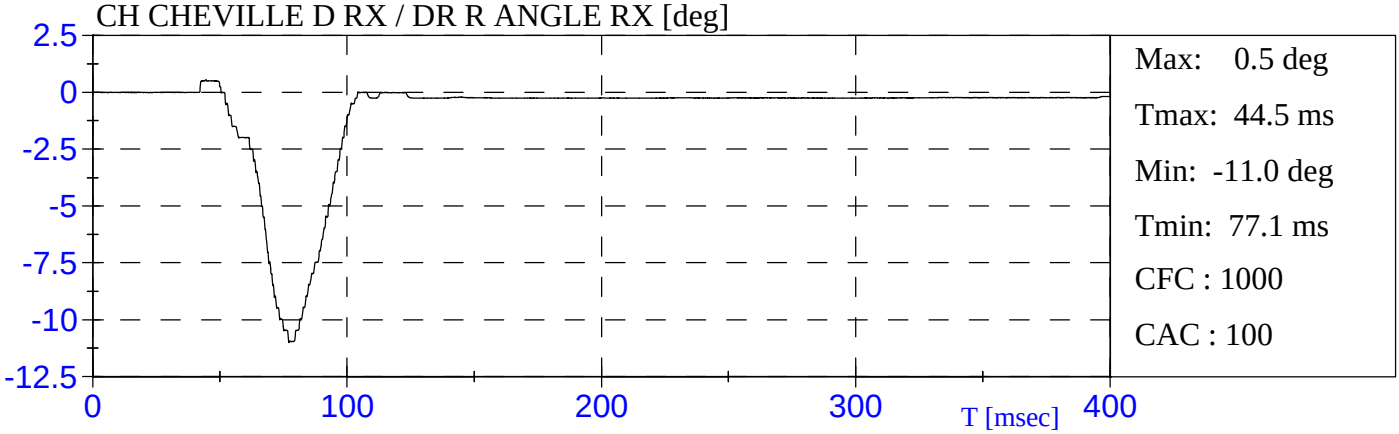
CH TALON D FZ / DR R HEEL FZ [N]



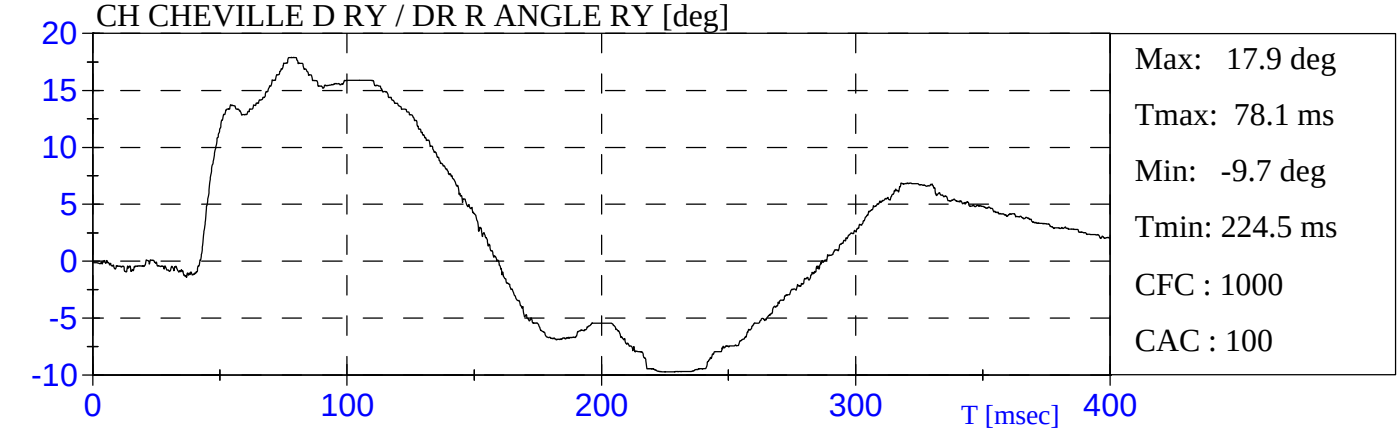
Max: 70.4 N
Tmax: 105.7 ms
Min: -11.3 N
Tmin: 26.8 ms
CFC : 1000
CAC : 4448

CH CHEVILLE D RX / DR R ANGLE RX [deg]



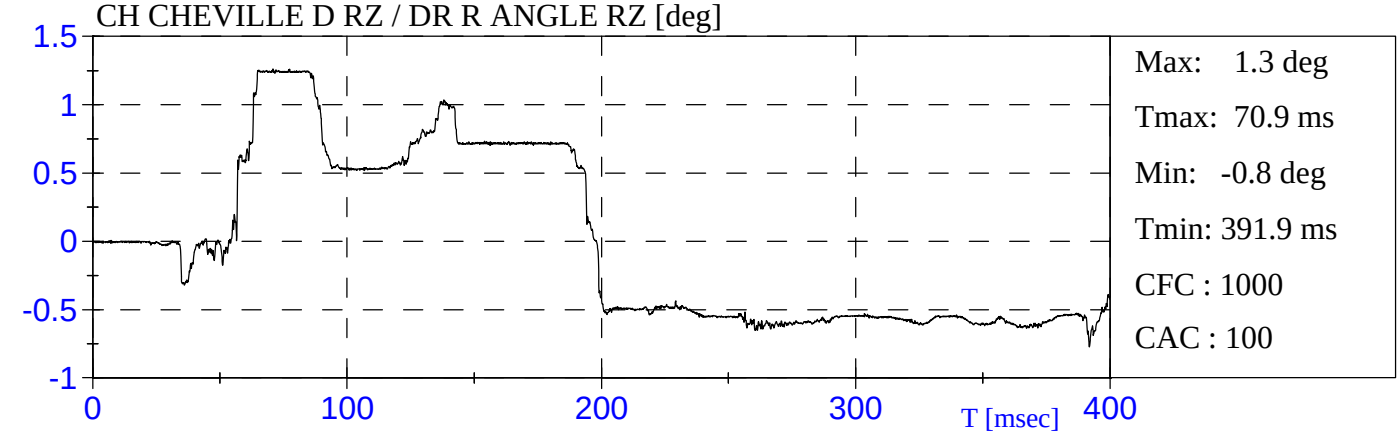
Max: 0.5 deg
Tmax: 44.5 ms
Min: -11.0 deg
Tmin: 77.1 ms
CFC : 1000
CAC : 100

CH CHEVILLE D RY / DR R ANGLE RY [deg]



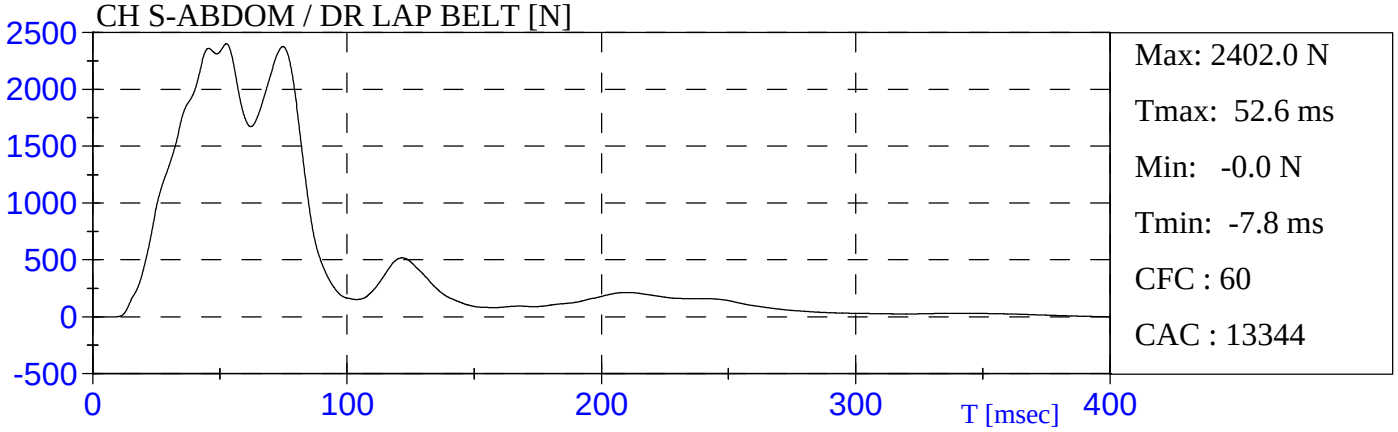
Max: 17.9 deg
Tmax: 78.1 ms
Min: -9.7 deg
Tmin: 224.5 ms
CFC : 1000
CAC : 100

CH CHEVILLE D RZ / DR R ANGLE RZ [deg]

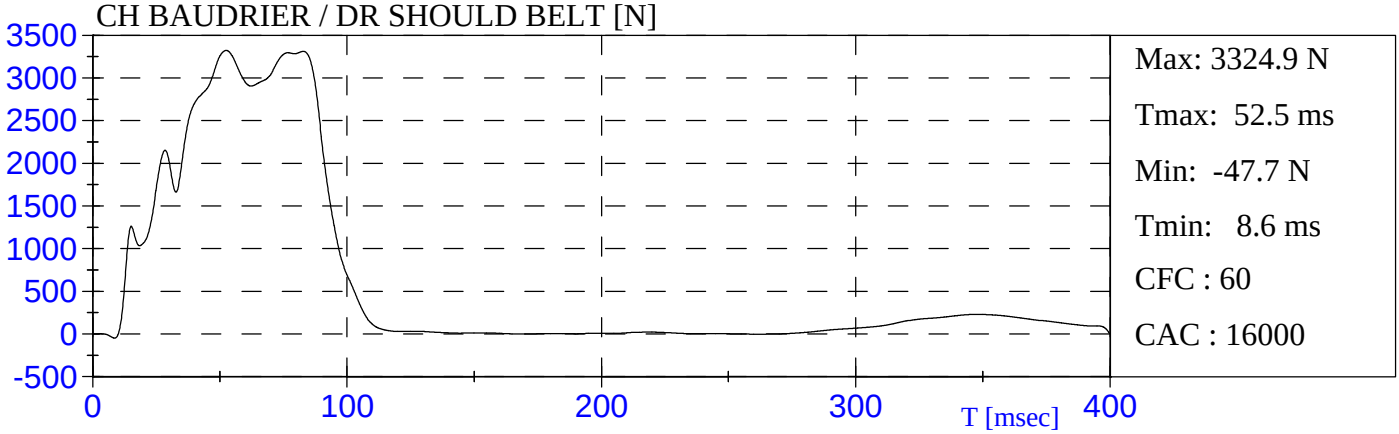


Max: 1.3 deg
Tmax: 70.9 ms
Min: -0.8 deg
Tmin: 391.9 ms
CFC : 1000
CAC : 100

CH S-ABDOM / DR LAP BELT [N]



CH BAUDRIER / DR SHOULD BELT [N]



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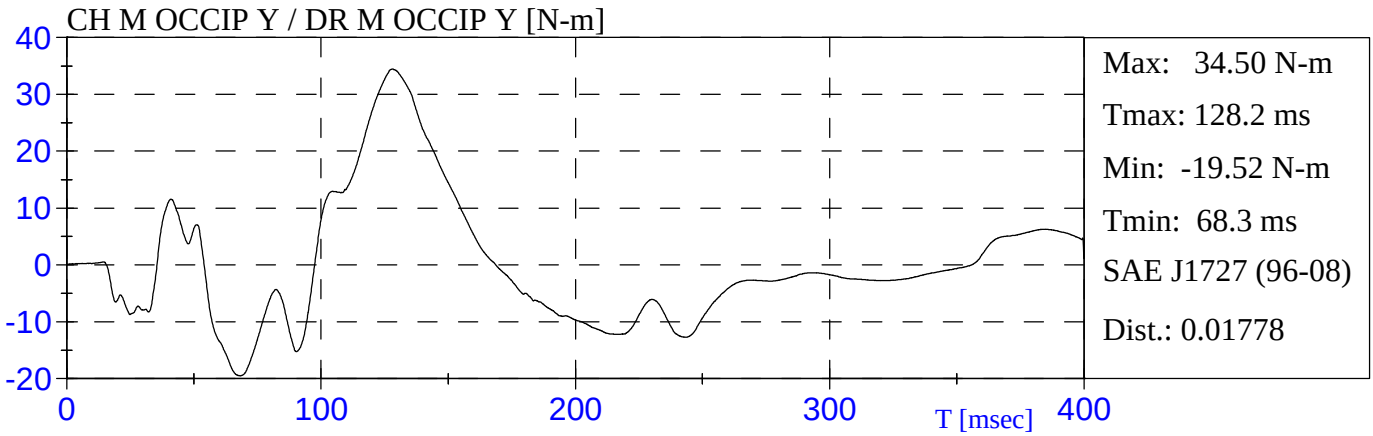
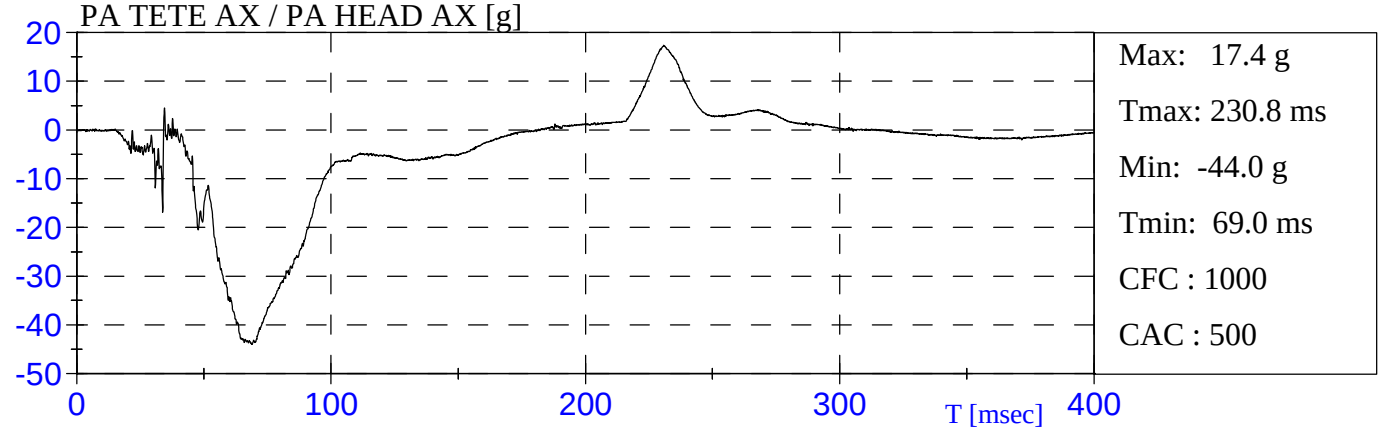
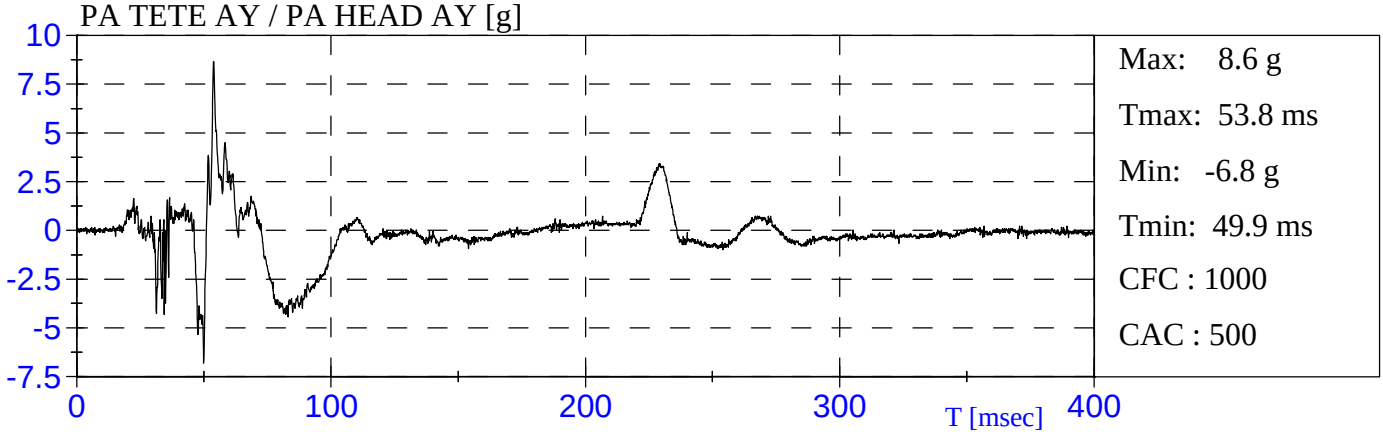


PA TETE AX / PA HEAD AX [g]



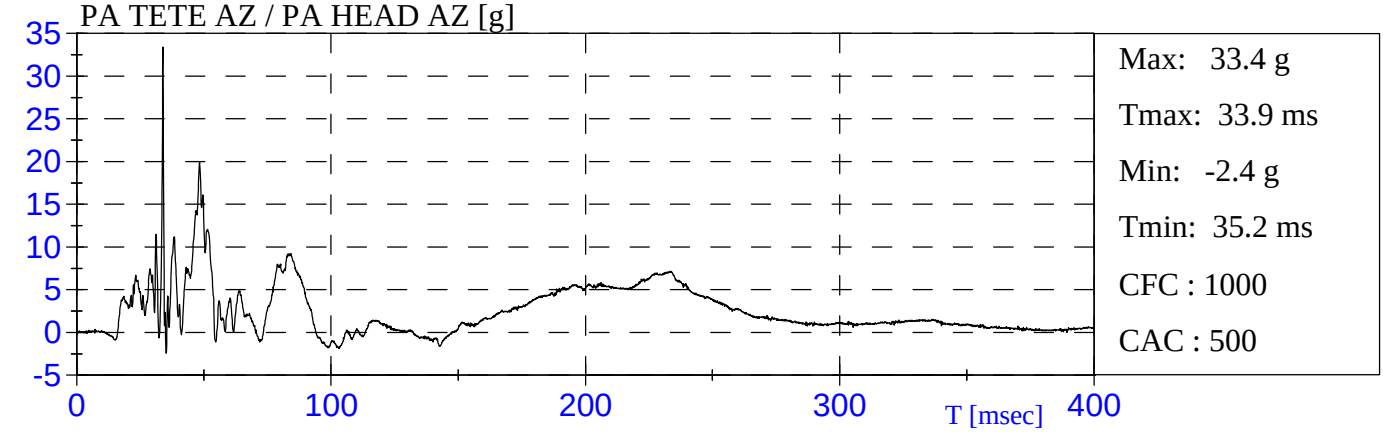
Max: 17.4 g
Tmax: 230.8 ms
Min: -44.0 g
Tmin: 69.0 ms
CFC : 1000
CAC : 500

PA TETE AY / PA HEAD AY [g]



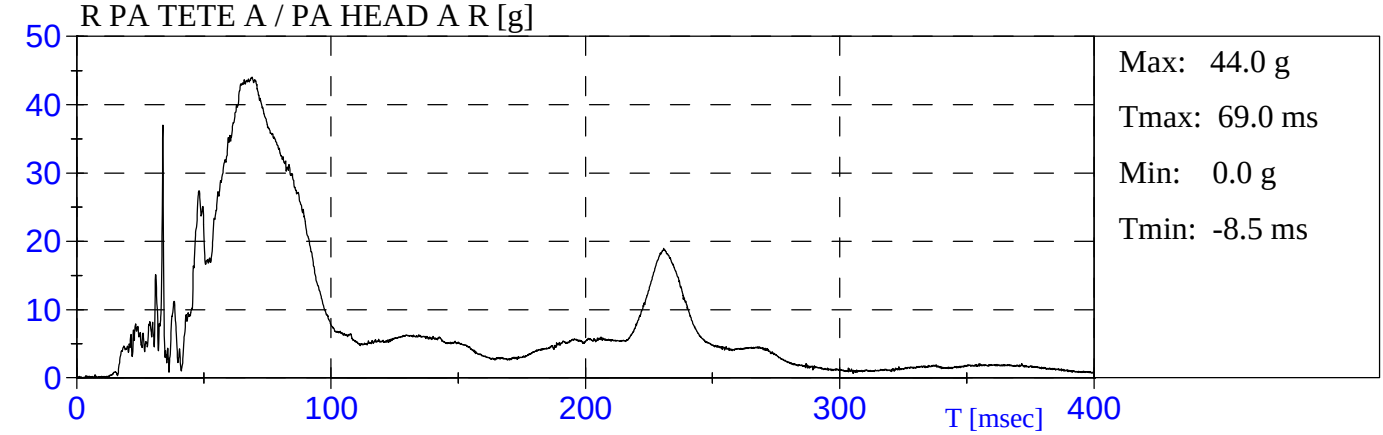
Max: 8.6 g
Tmax: 53.8 ms
Min: -6.8 g
Tmin: 49.9 ms
CFC : 1000
CAC : 500

PA TETE AZ / PA HEAD AZ [g]



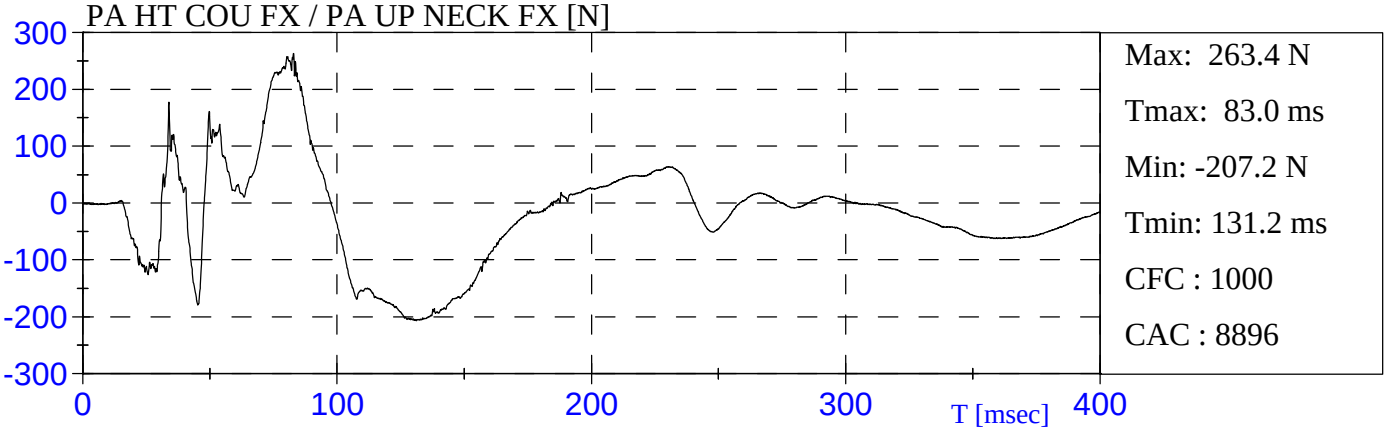
Max: 33.4 g
Tmax: 33.9 ms
Min: -2.4 g
Tmin: 35.2 ms
CFC : 1000
CAC : 500

R PA TETE A / PA HEAD A R [g]

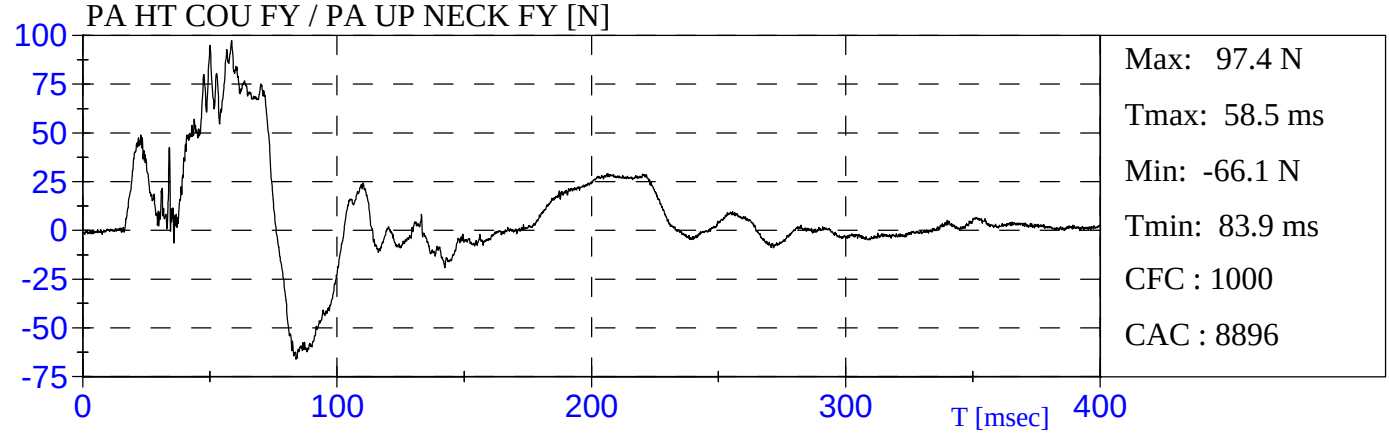


Max: 44.0 g
Tmax: 69.0 ms
Min: 0.0 g
Tmin: -8.5 ms

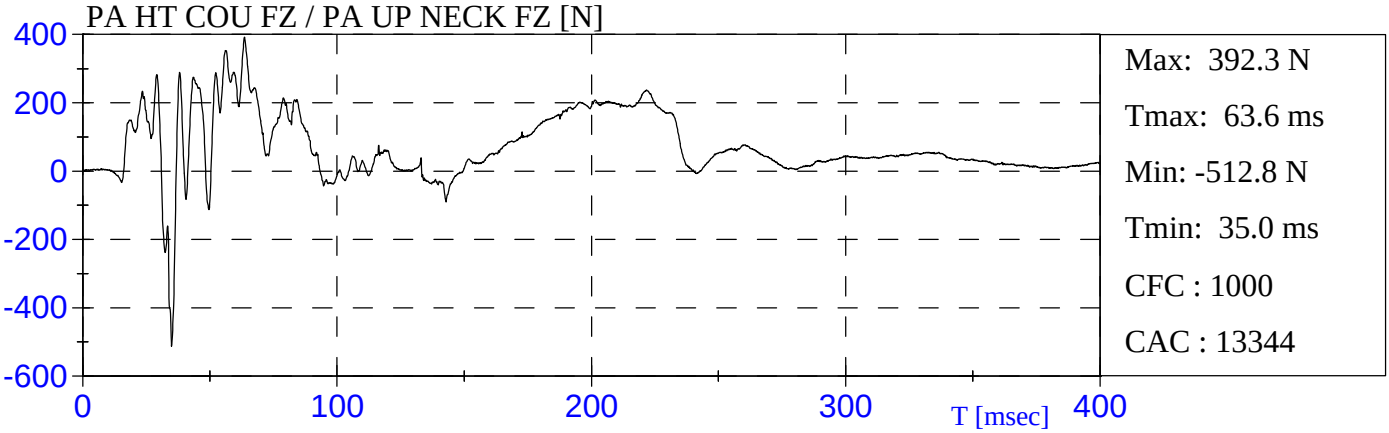
PA HT COU FX / PA UP NECK FX [N]



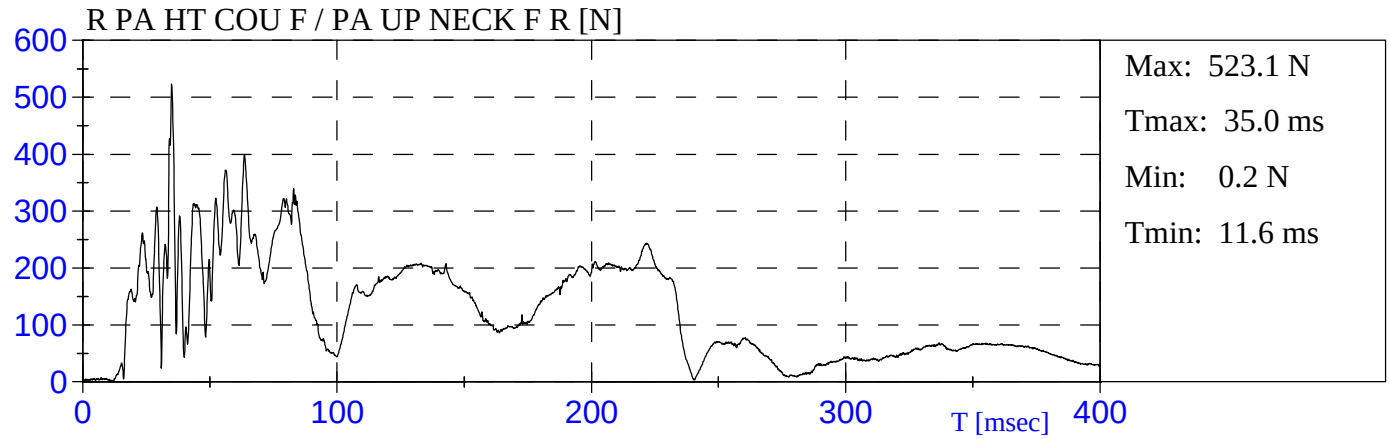
PA HT COU FY / PA UP NECK FY [N]



PA HT COU FZ / PA UP NECK FZ [N]

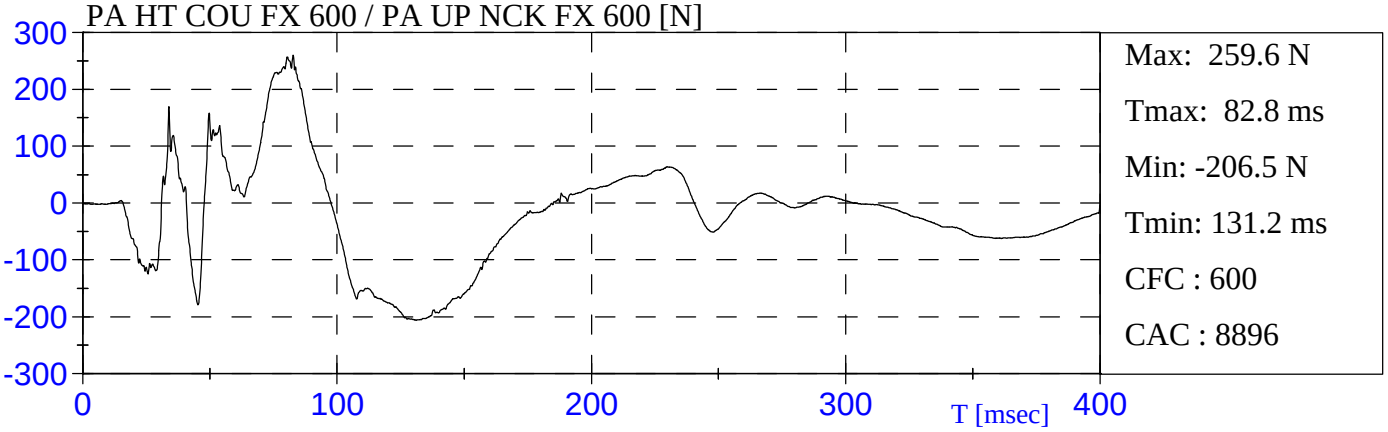


R PA HT COU F / PA UP NECK F R [N]

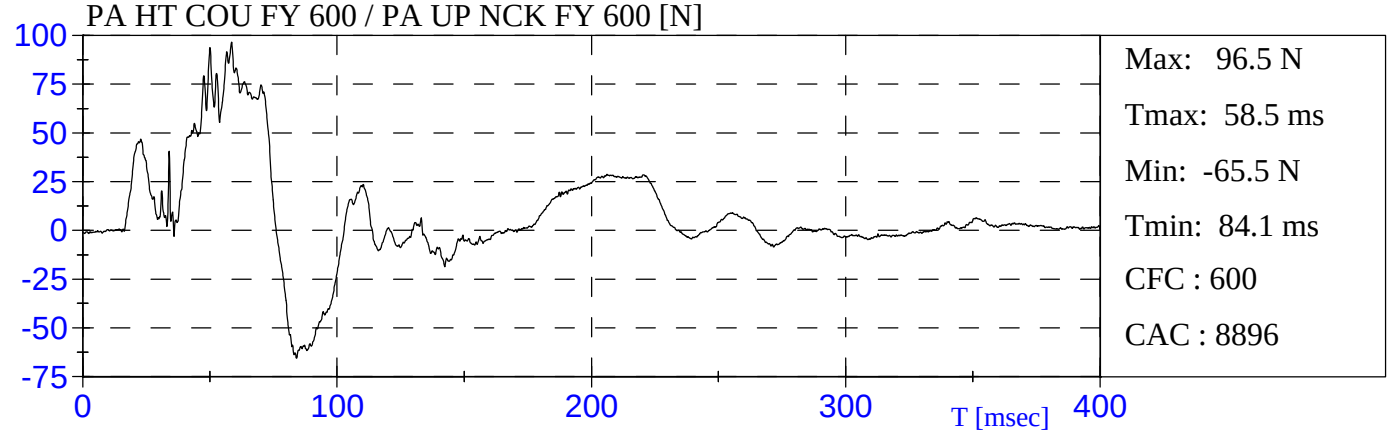


VOLKS TOUAREG 2004

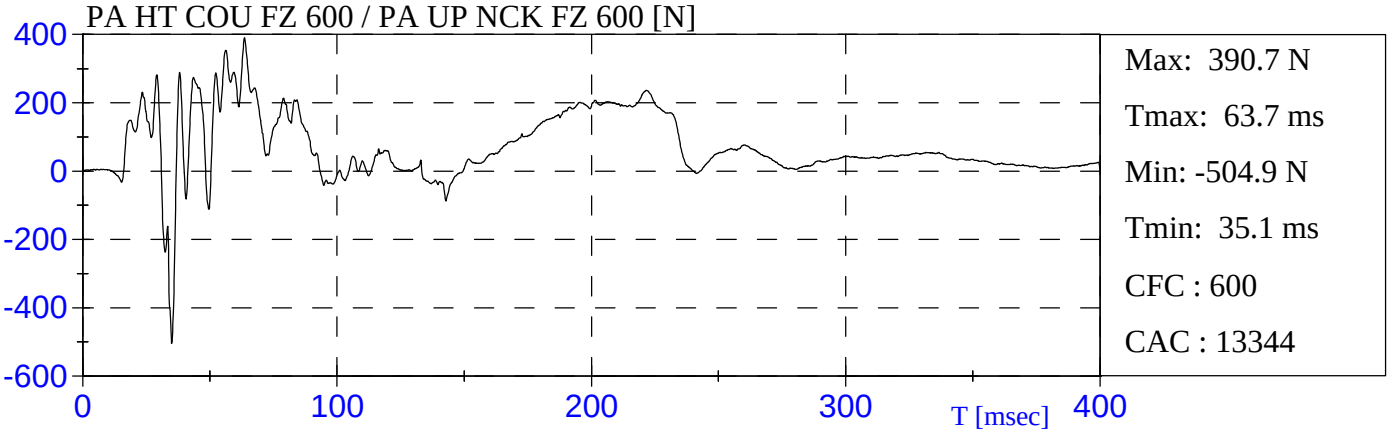
PA HT COU FX 600 / PA UP NCK FX 600 [N]



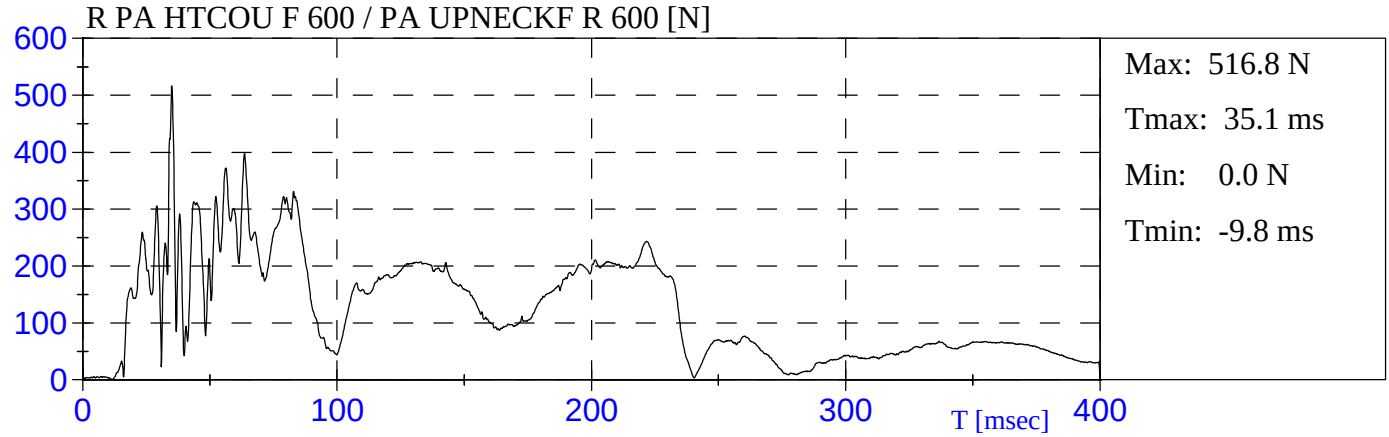
PA HT COU FY 600 / PA UP NCK FY 600 [N]



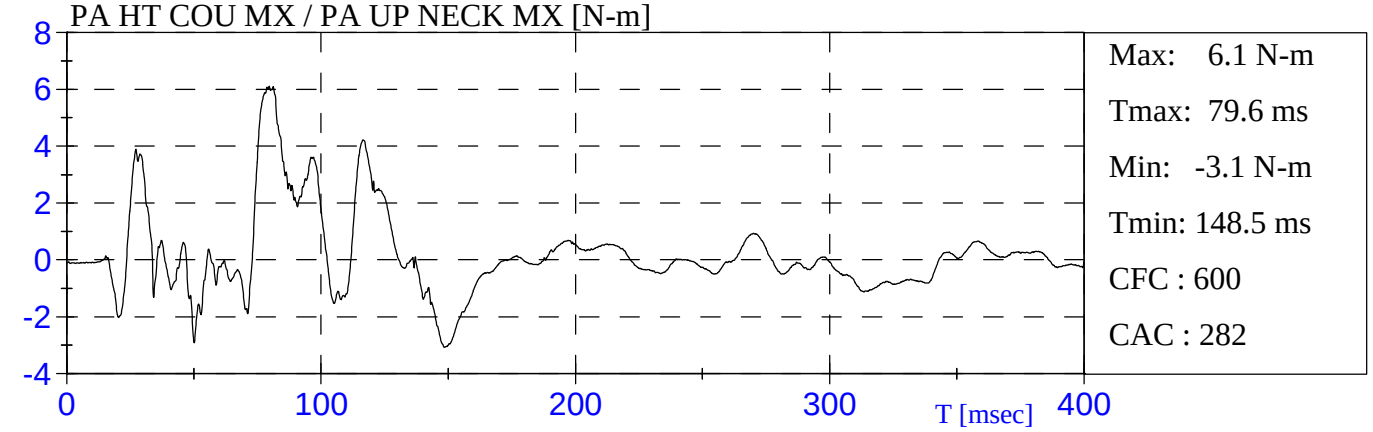
PA HT COU FZ 600 / PA UP NCK FZ 600 [N]



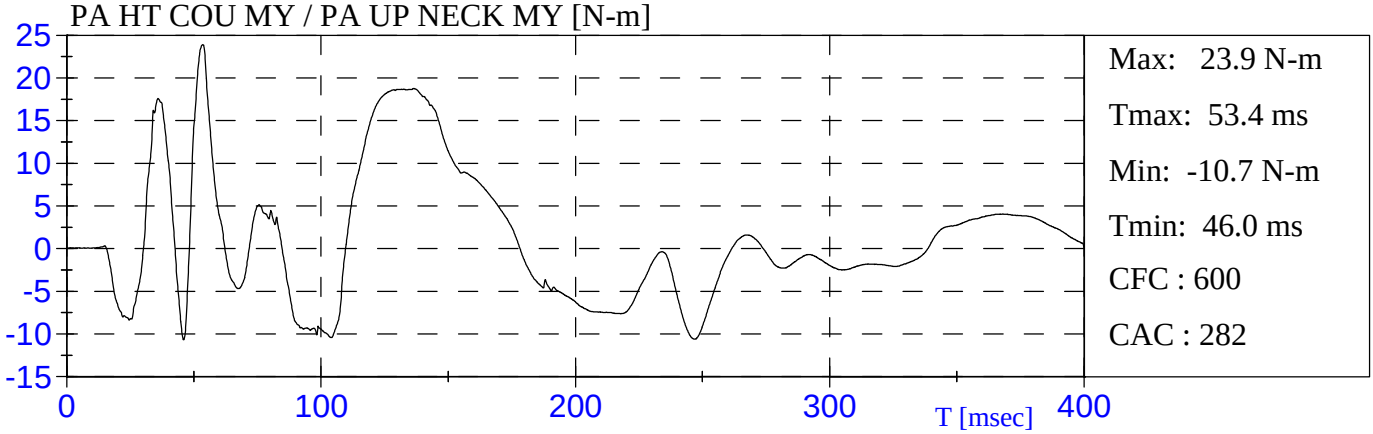
R PA HTCOU F 600 / PA UPNECKF R 600 [N]



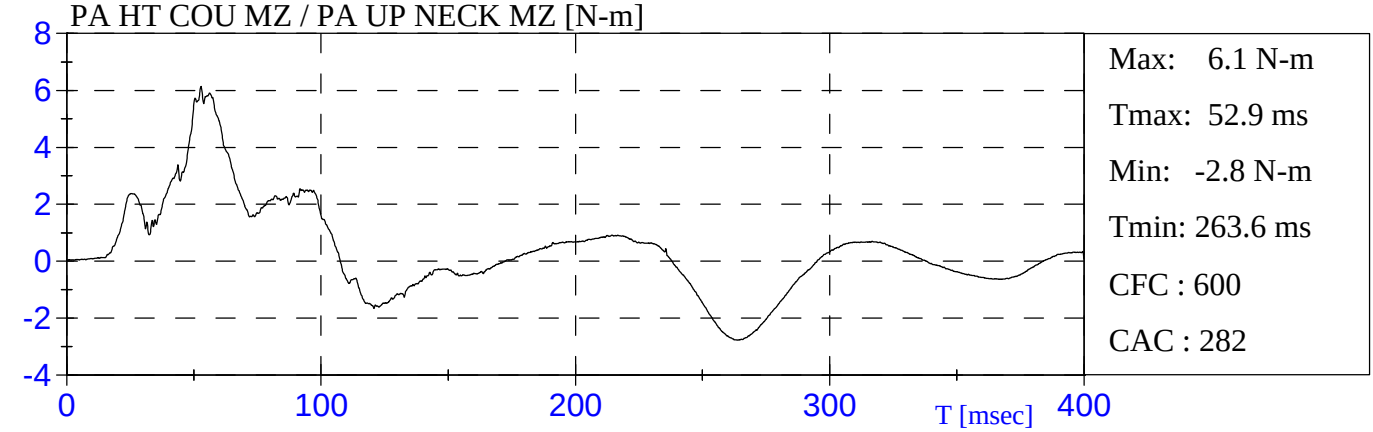
PA HT COU MX / PA UP NECK MX [N-m]



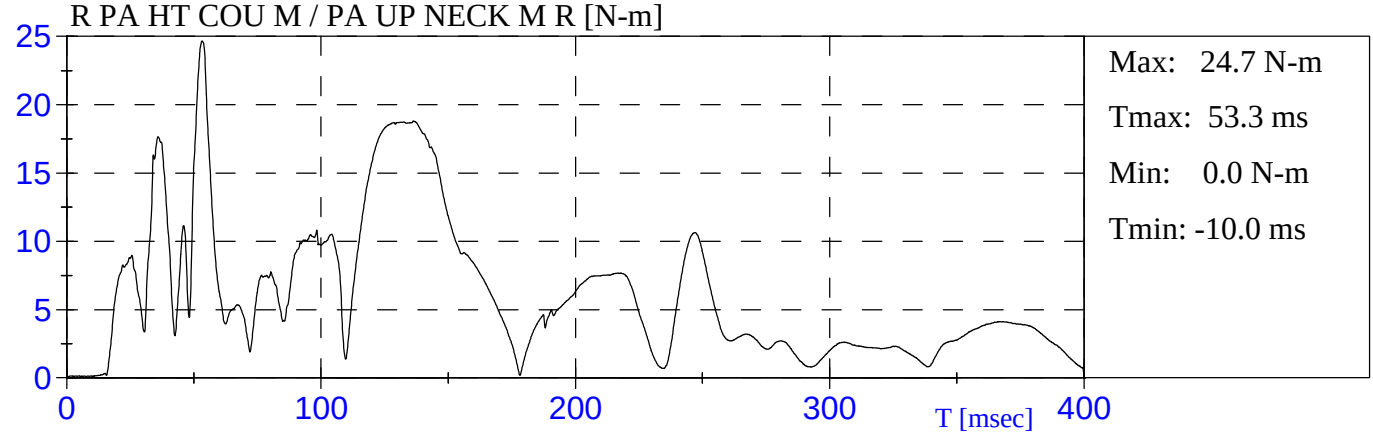
PA HT COU MY / PA UP NECK MY [N-m]



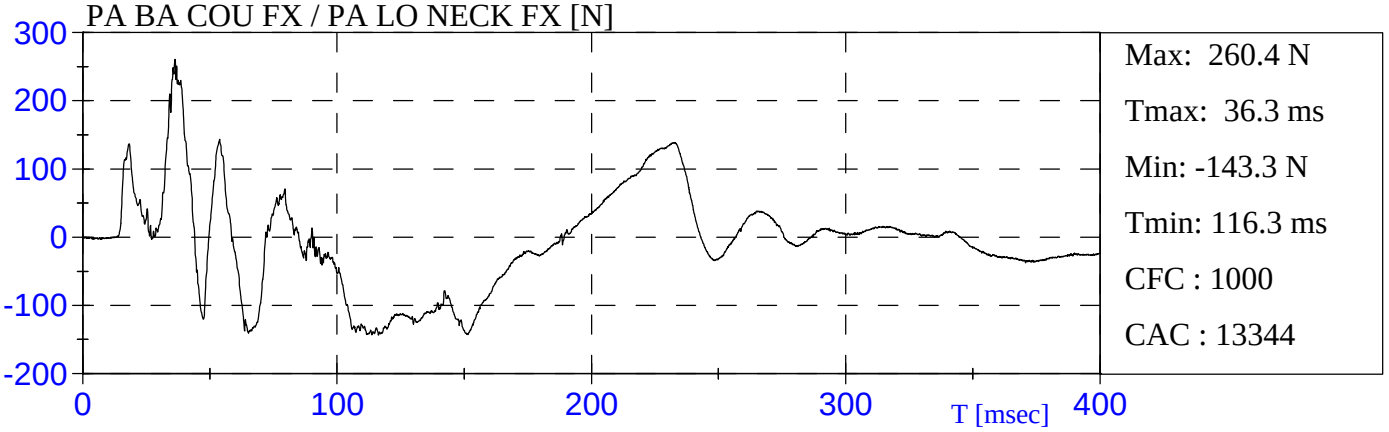
PA HT COU MZ / PA UP NECK MZ [N-m]



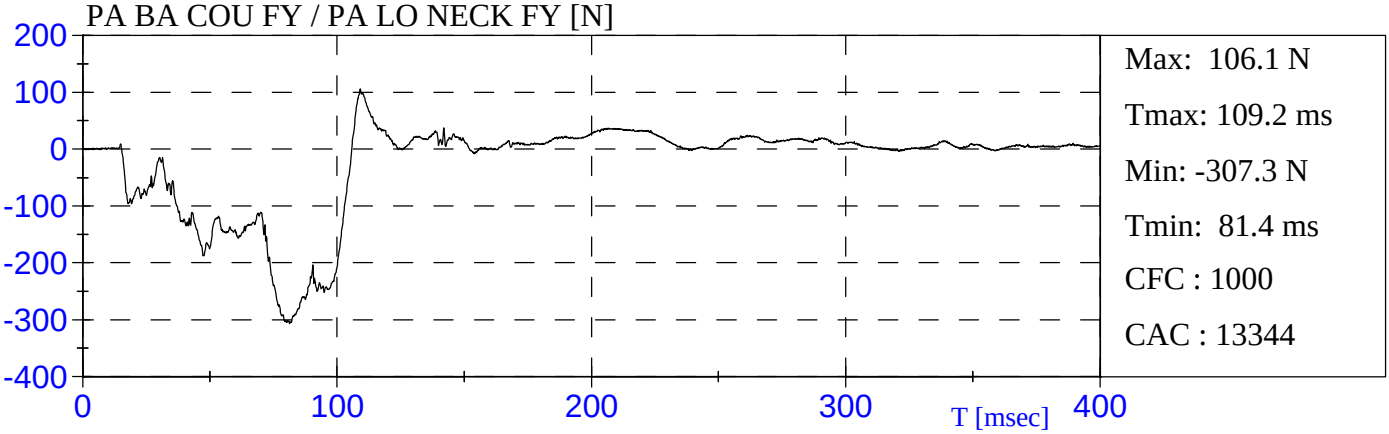
R PA HT COU M / PA UP NECK M R [N-m]



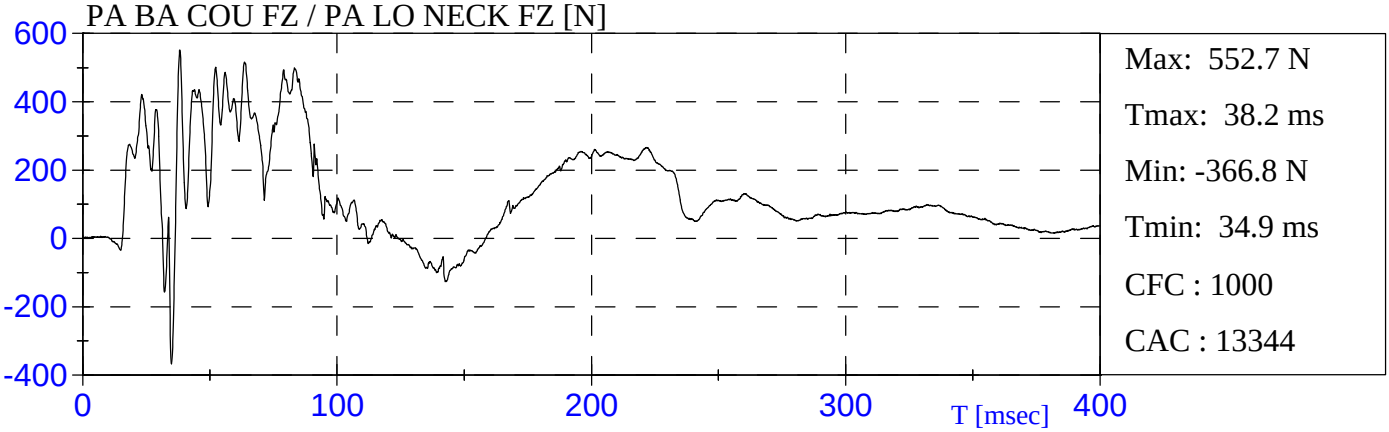
PA BA COU FX / PA LO NECK FX [N]



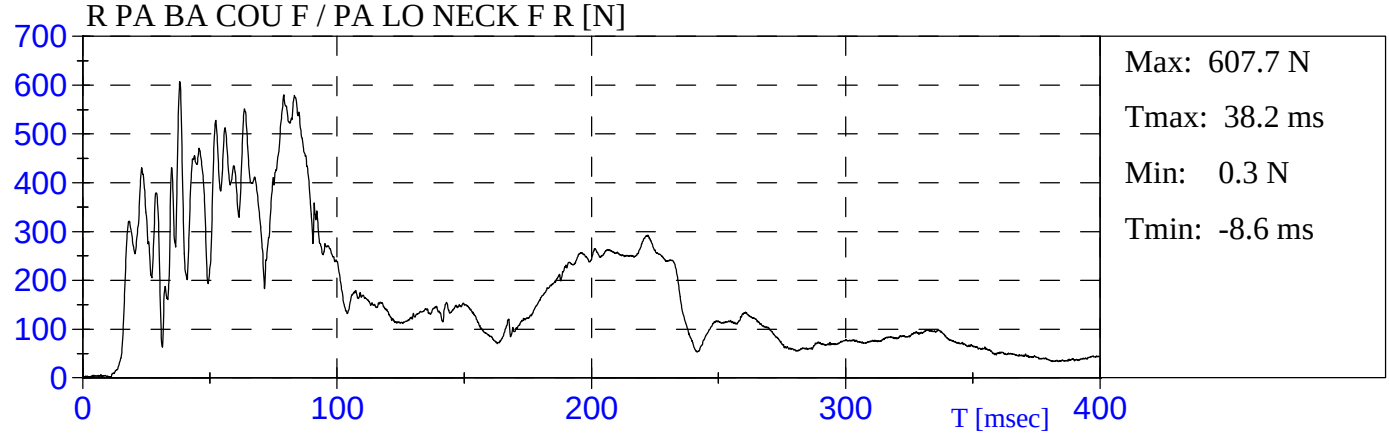
PA BA COU FY / PA LO NECK FY [N]



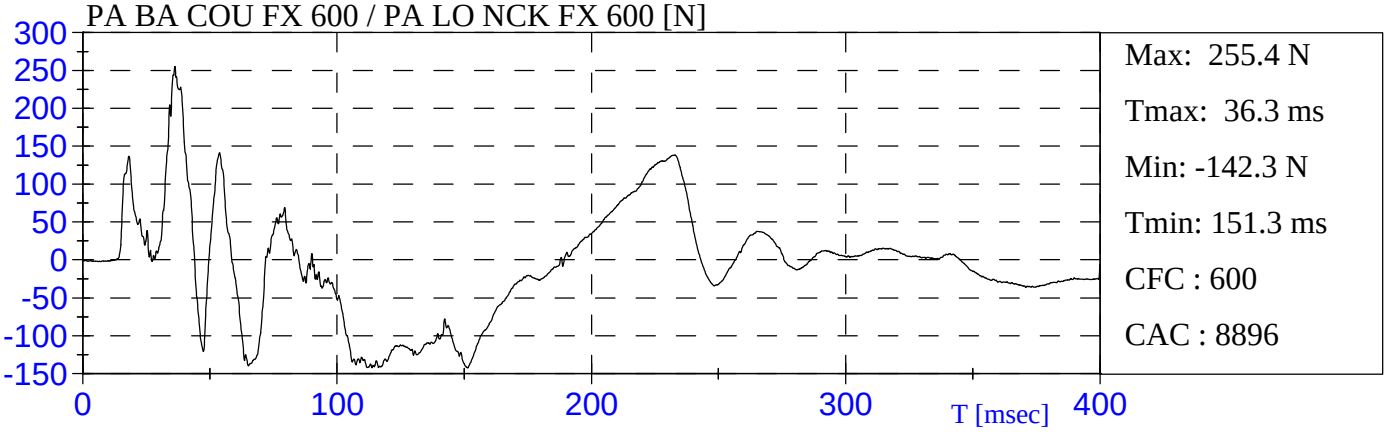
PA BA COU FZ / PA LO NECK FZ [N]



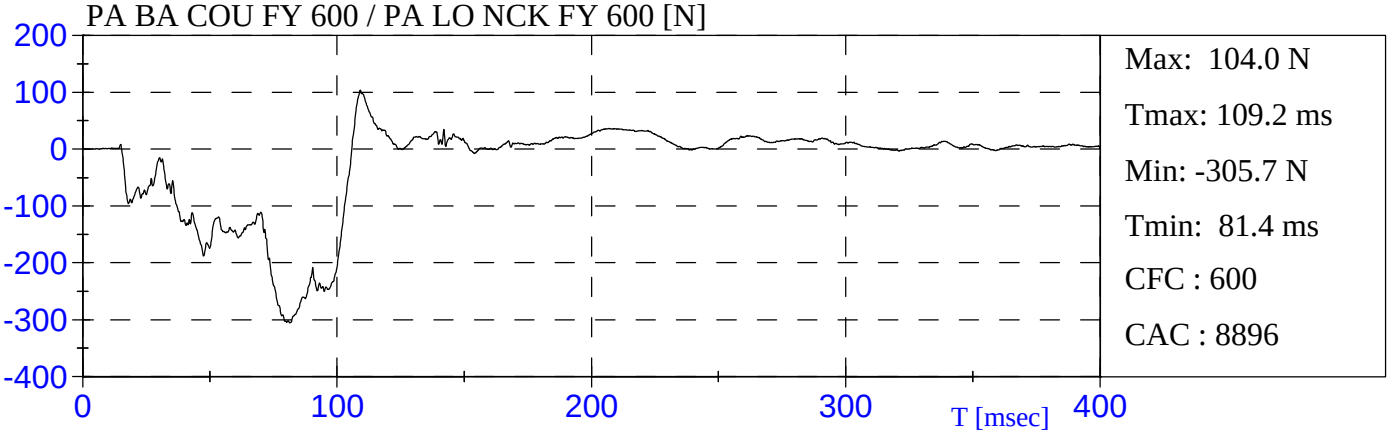
R PA BA COU F / PA LO NECK F R [N]



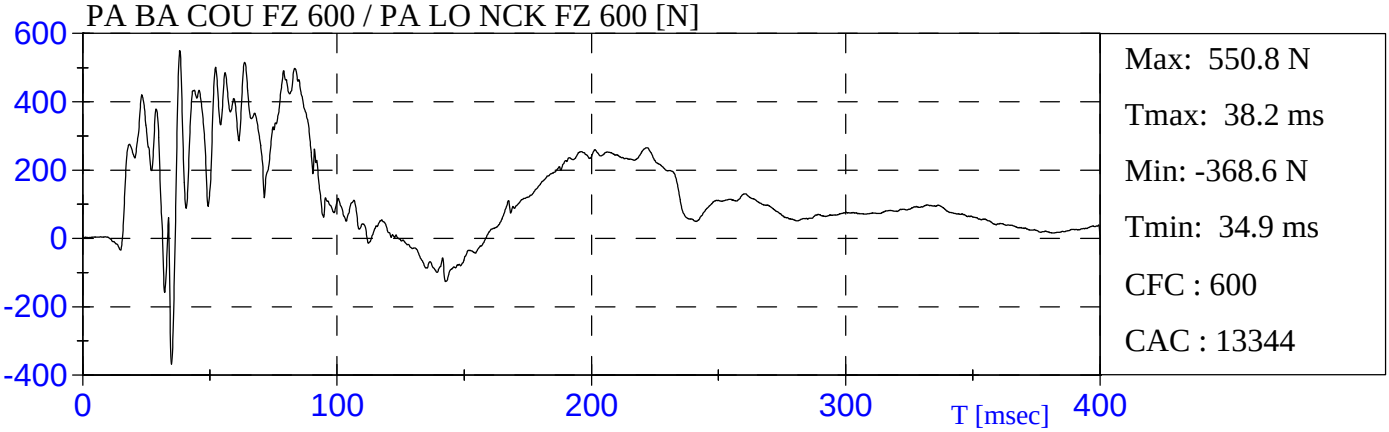
PA BA COU FX 600 / PA LO NCK FX 600 [N]



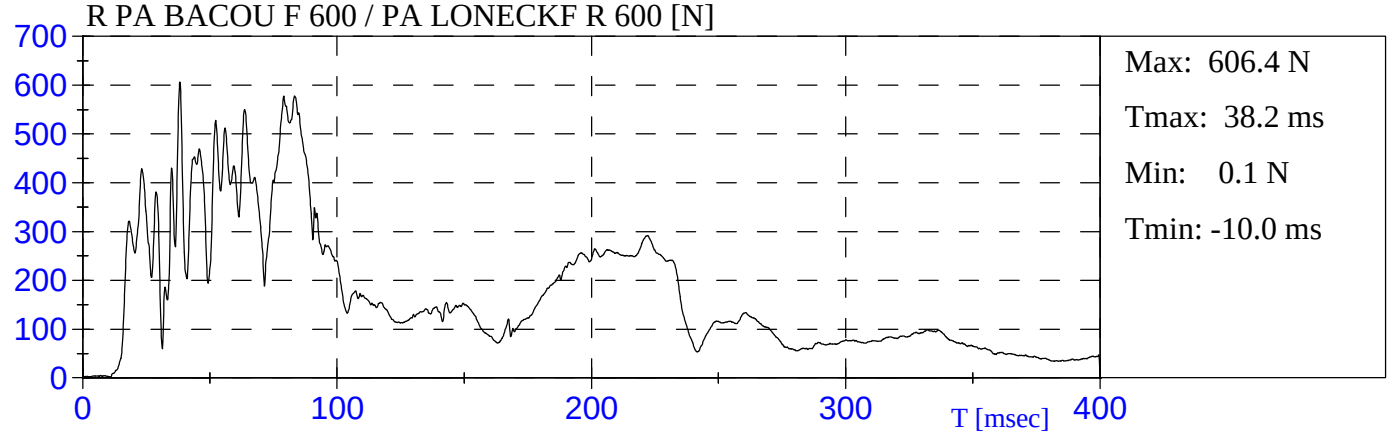
PA BA COU FY 600 / PA LO NCK FY 600 [N]



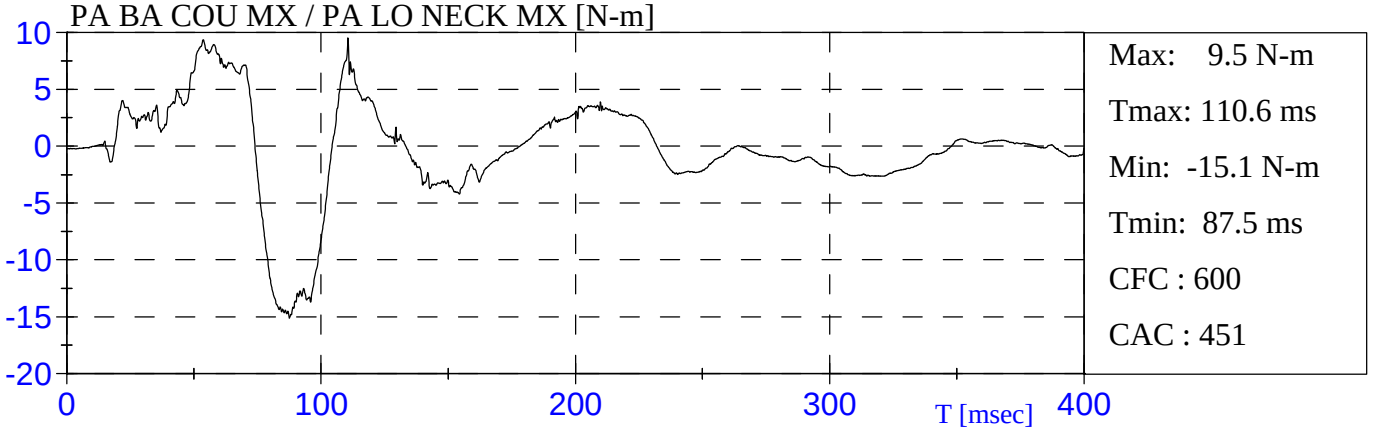
PA BA COU FZ 600 / PA LO NCK FZ 600 [N]



R PA BACOU F 600 / PA LONECKF R 600 [N]

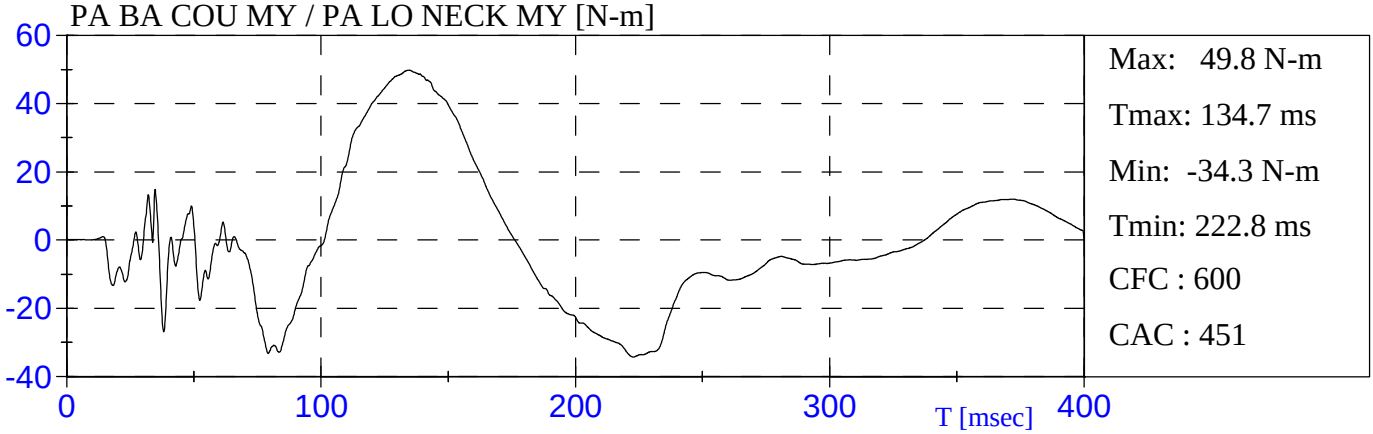


PA BA COU MX / PA LO NECK MX [N-m]



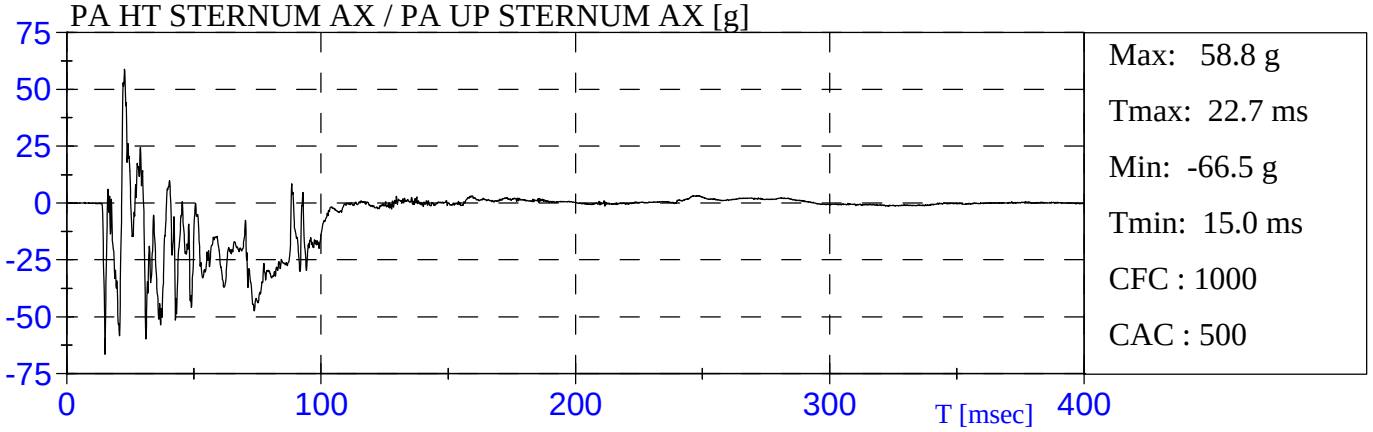
Max: 9.5 N-m
Tmax: 110.6 ms
Min: -15.1 N-m
Tmin: 87.5 ms
CFC : 600
CAC : 451

PA BA COU MY / PA LO NECK MY [N-m]

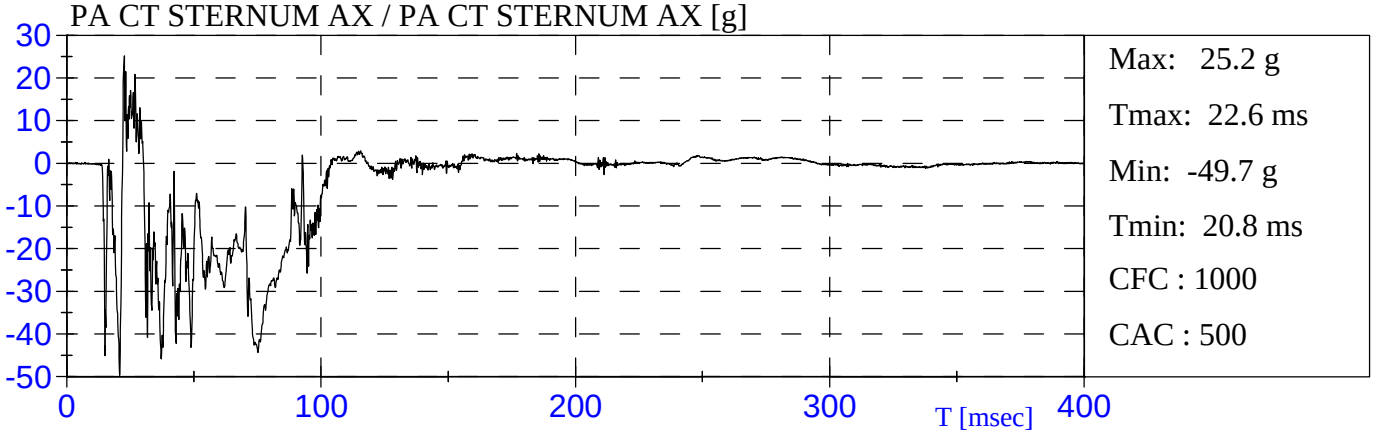


Max: 49.8 N-m
Tmax: 134.7 ms
Min: -34.3 N-m
Tmin: 222.8 ms
CFC : 600
CAC : 451

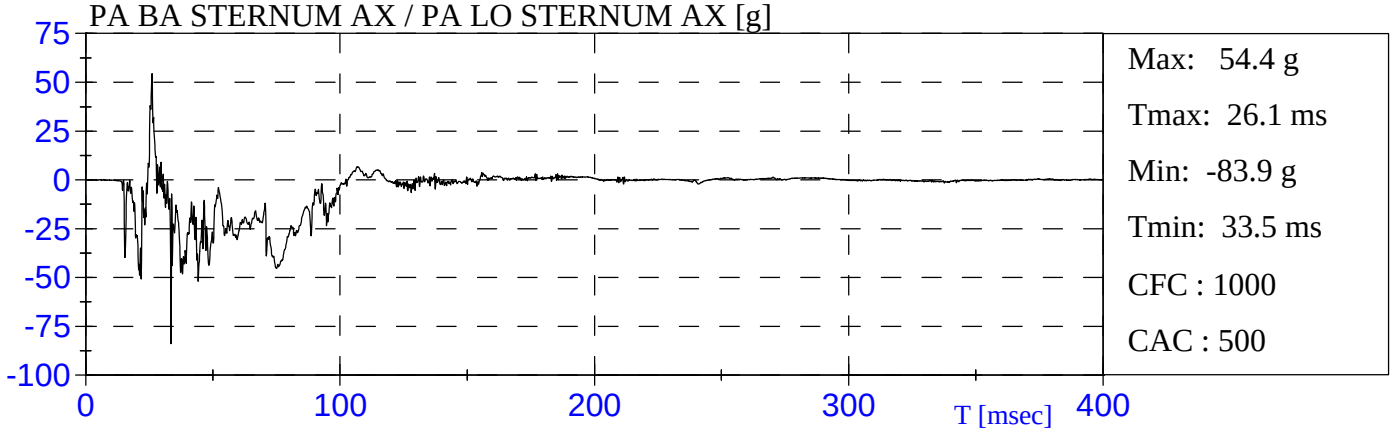
PA HT STERNUM AX / PA UP STERNUM AX [g]



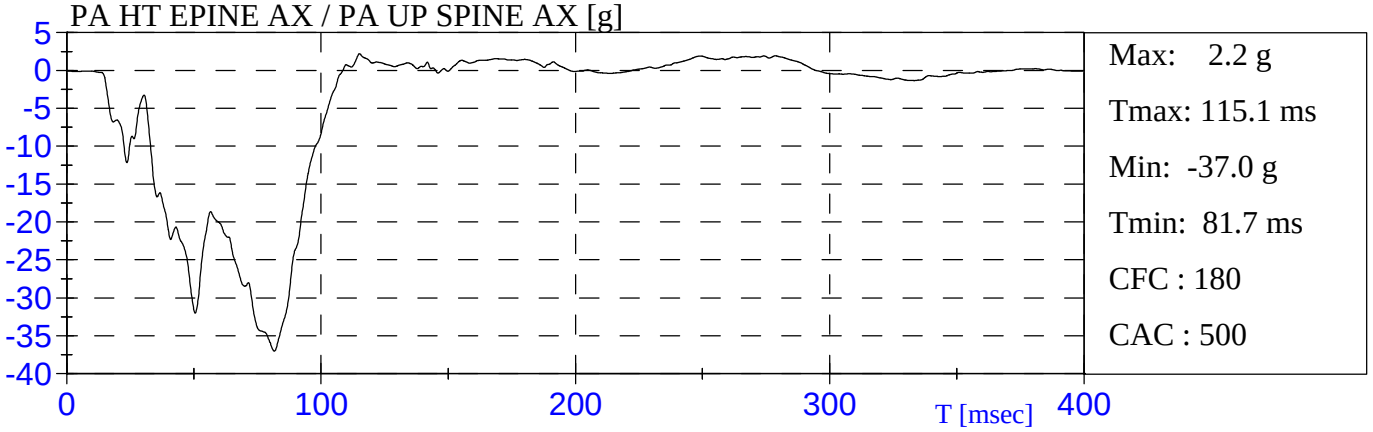
PA CT STERNUM AX / PA CT STERNUM AX [g]



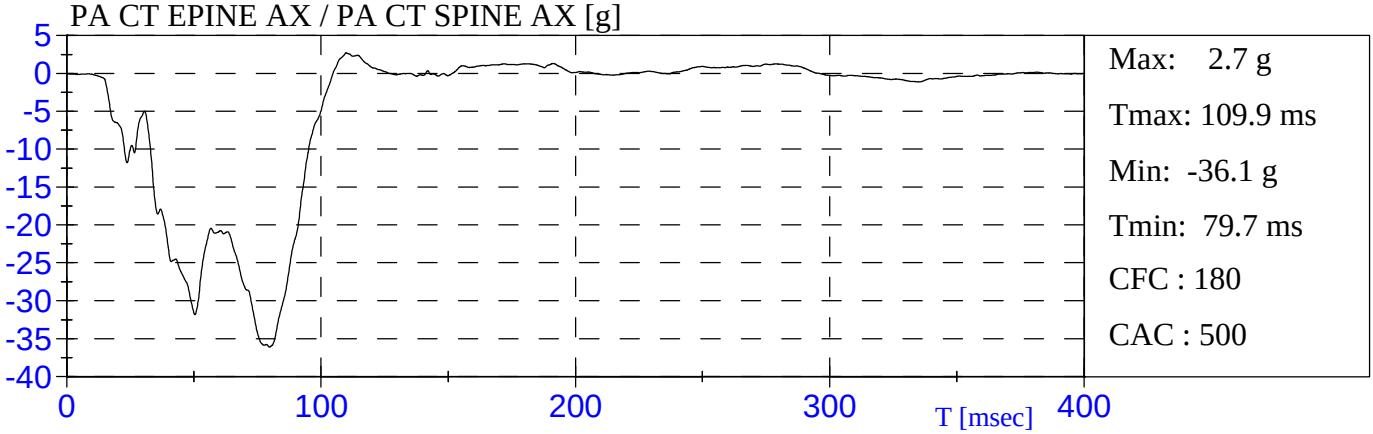
PA BA STERNUM AX / PA LO STERNUM AX [g]



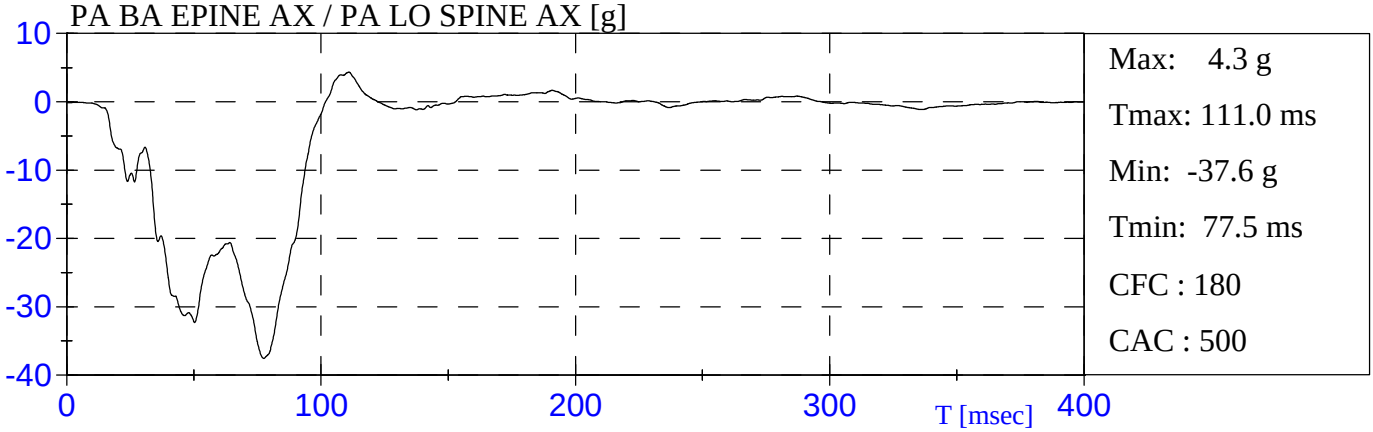
PA HT EPINE AX / PA UP SPINE AX [g]



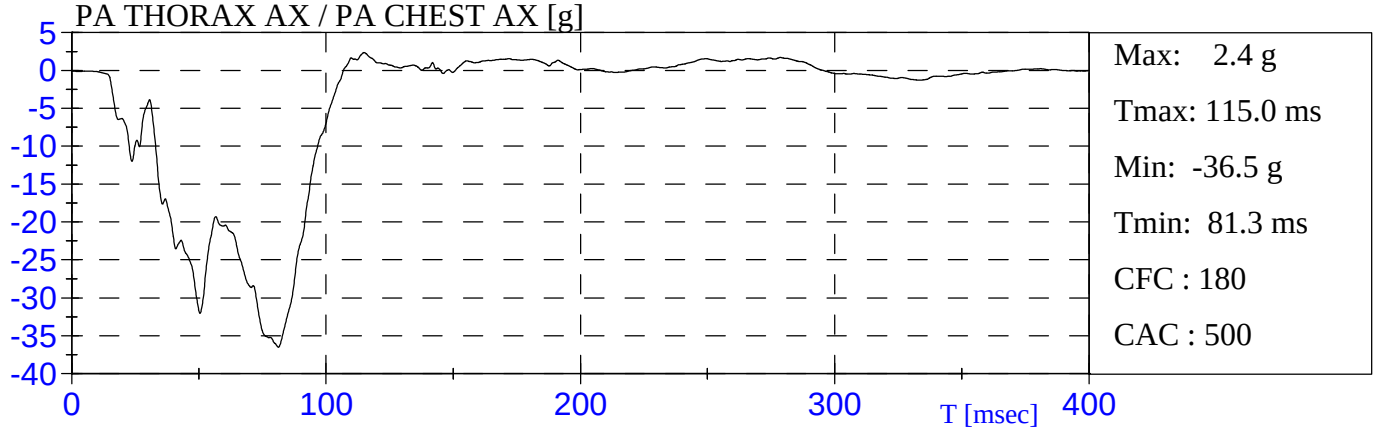
PA CT EPINE AX / PA CT SPINE AX [g]



PA BA EPINE AX / PA LO SPINE AX [g]

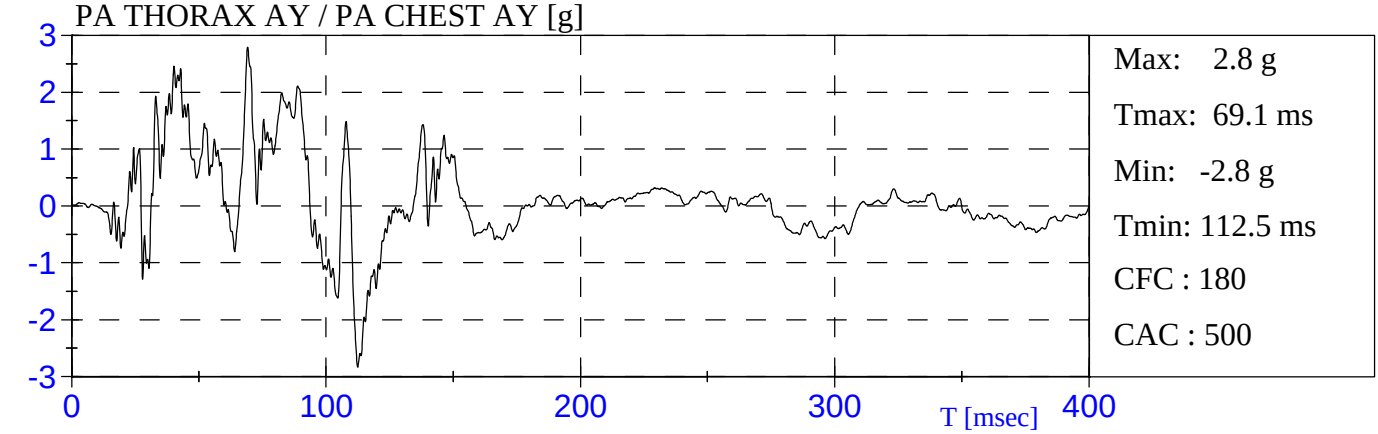


PA THORAX AX / PA CHEST AX [g]



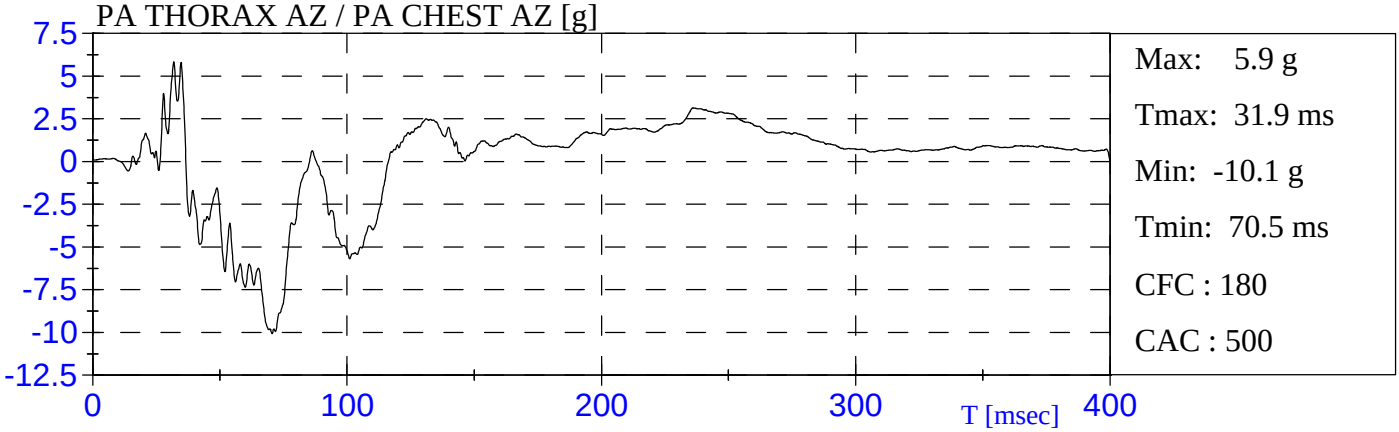
Max: 2.4 g
Tmax: 115.0 ms
Min: -36.5 g
Tmin: 81.3 ms
CFC : 180
CAC : 500

PA THORAX AY / PA CHEST AY [g]



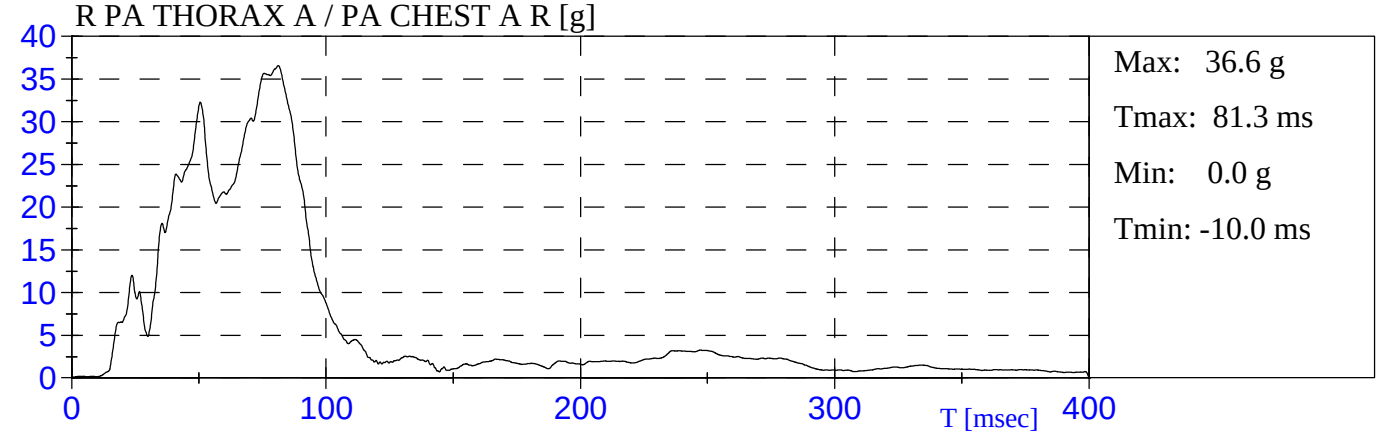
Max: 2.8 g
Tmax: 69.1 ms
Min: -2.8 g
Tmin: 112.5 ms
CFC : 180
CAC : 500

PA THORAX AZ / PA CHEST AZ [g]

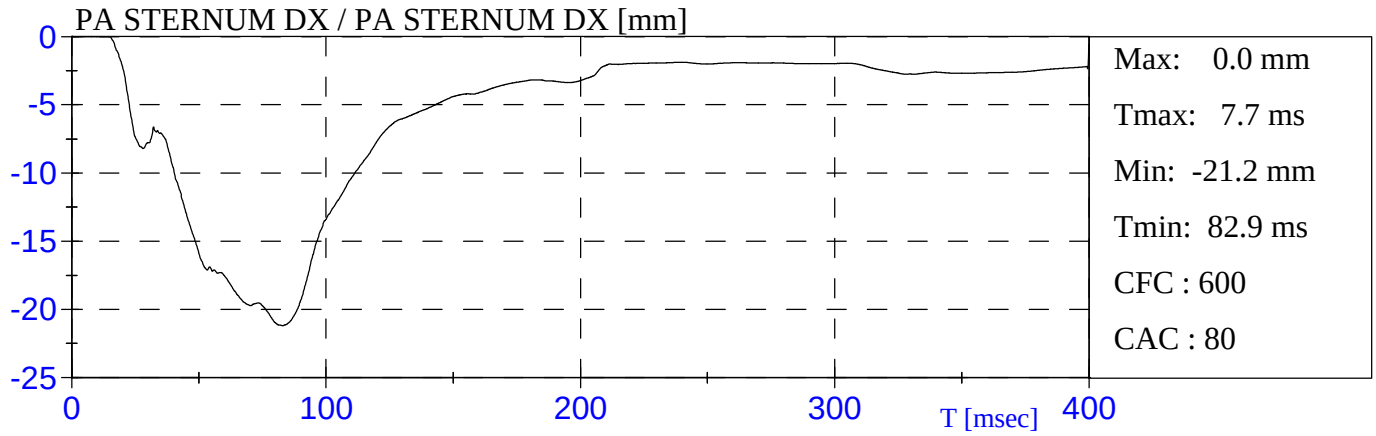


Max: 5.9 g
Tmax: 31.9 ms
Min: -10.1 g
Tmin: 70.5 ms
CFC : 180
CAC : 500

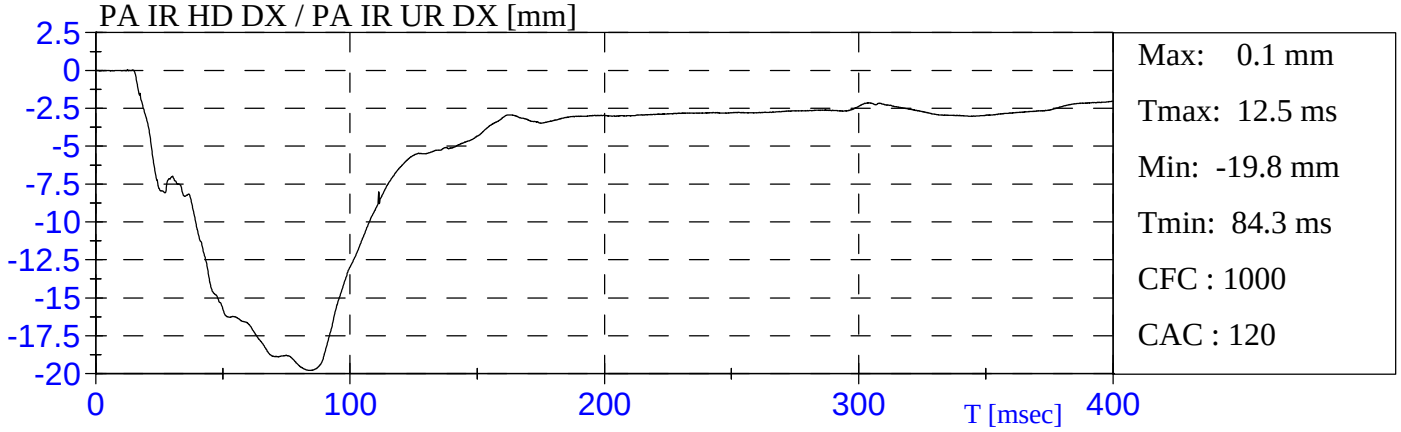
R PA THORAX A / PA CHEST A R [g]



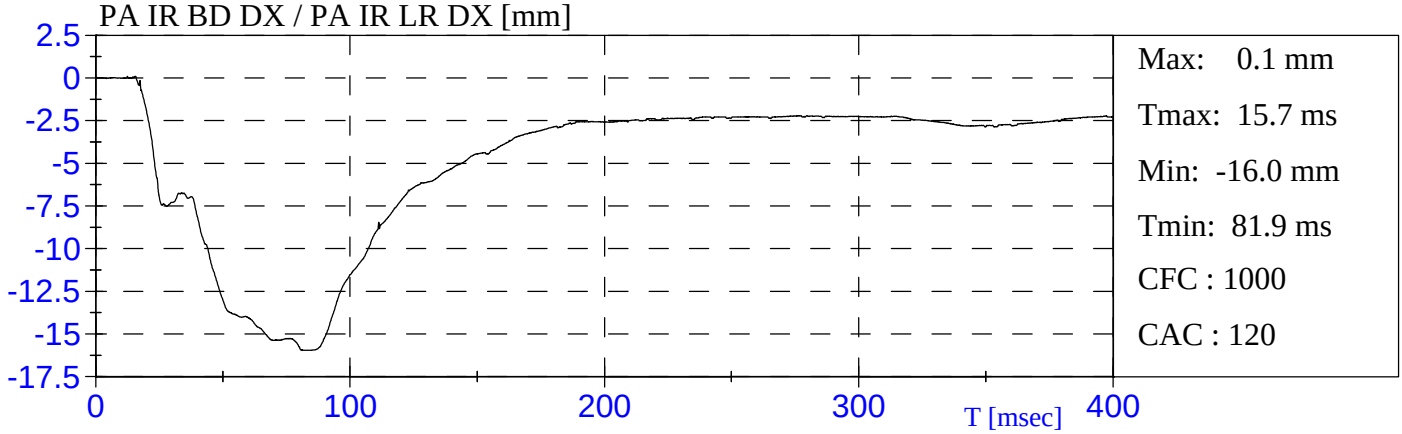
Max: 36.6 g
Tmax: 81.3 ms
Min: 0.0 g
Tmin: -10.0 ms


PA STERNUM DX / PA STERNUM DX [mm]
0
-5
-10
-15
-20
-25
0
100
200
300
400
T [msec]
Max: 0.0 mm
Tmax: 7.7 ms
Min: -21.2 mm
Tmin: 82.9 ms
CFC : 600
CAC : 80

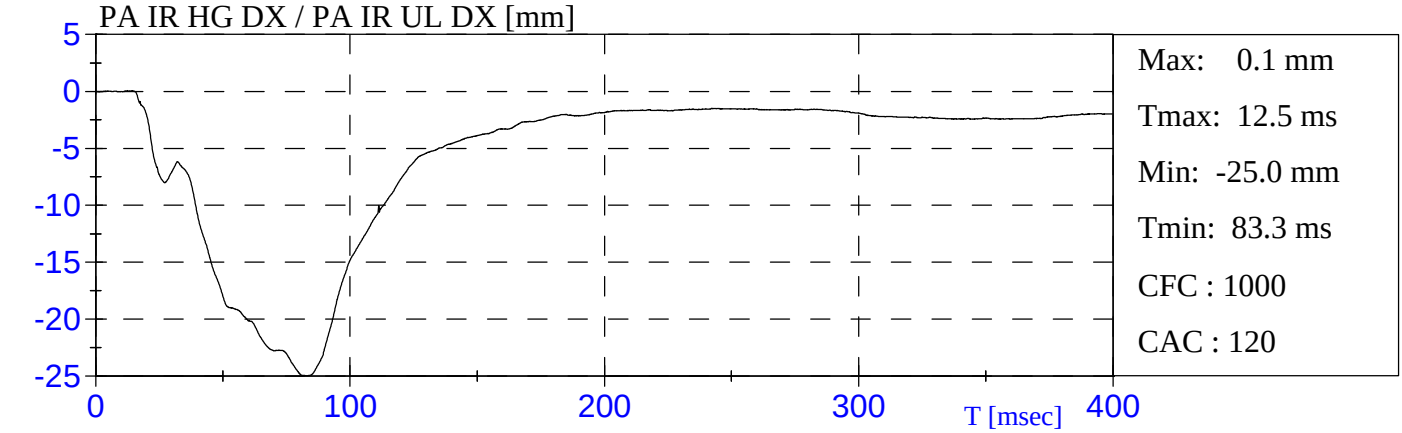
PA IR HD DX / PA IR UR DX [mm]



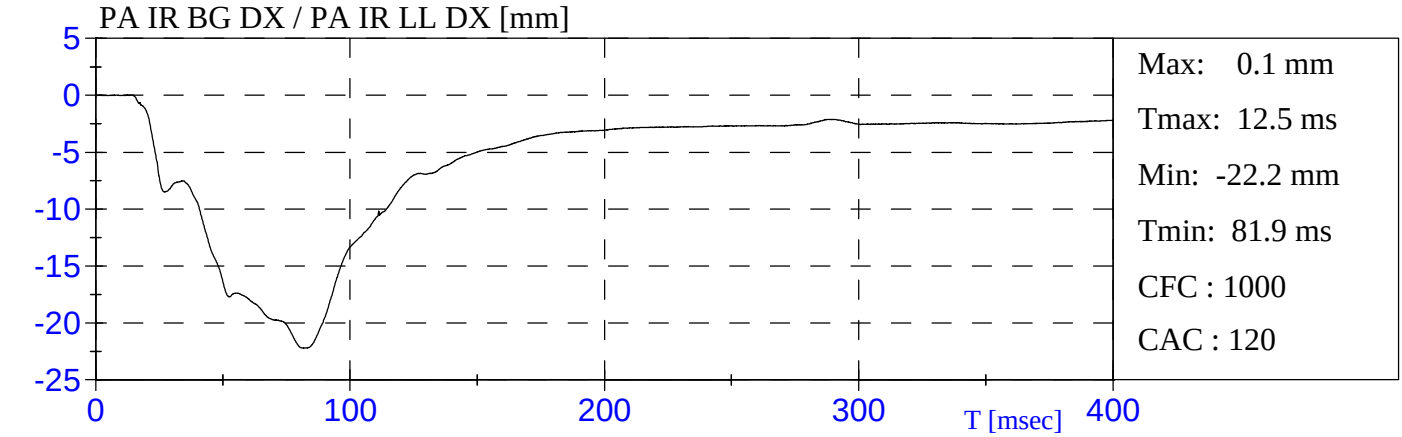
PA IR BD DX / PA IR LR DX [mm]



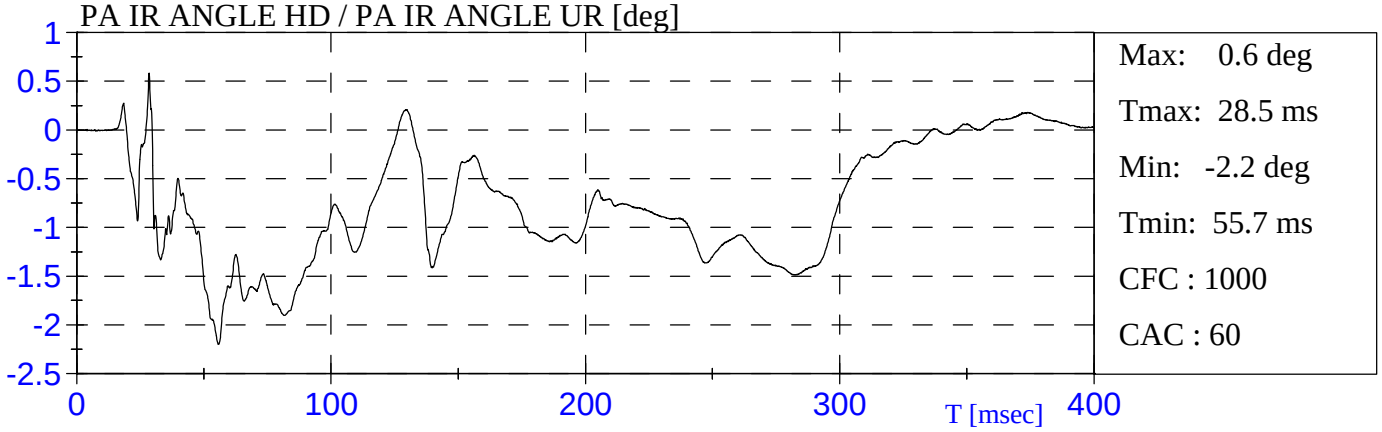
PA IR HG DX / PA IR UL DX [mm]



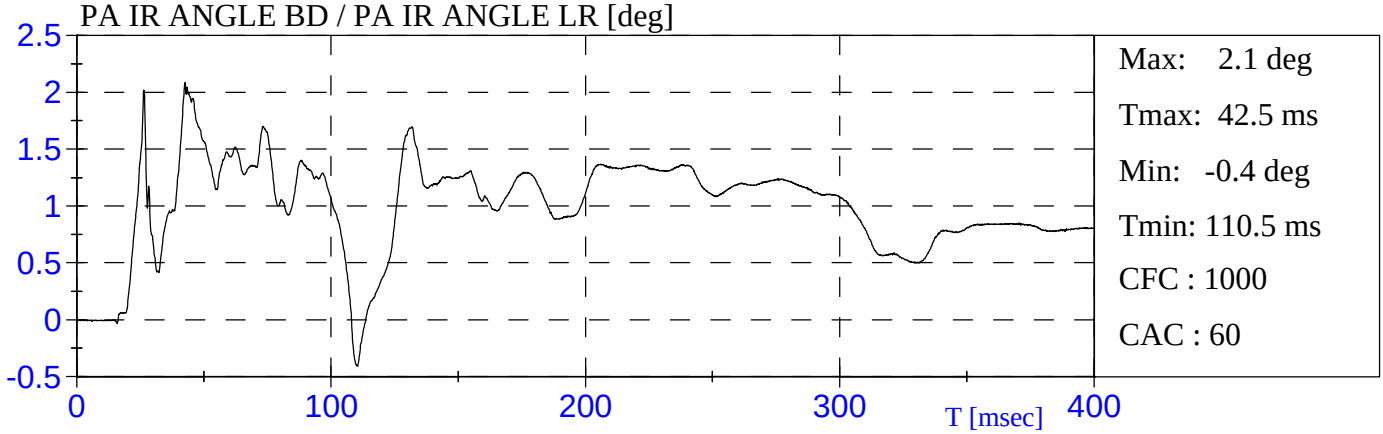
PA IR BG DX / PA IR LL DX [mm]



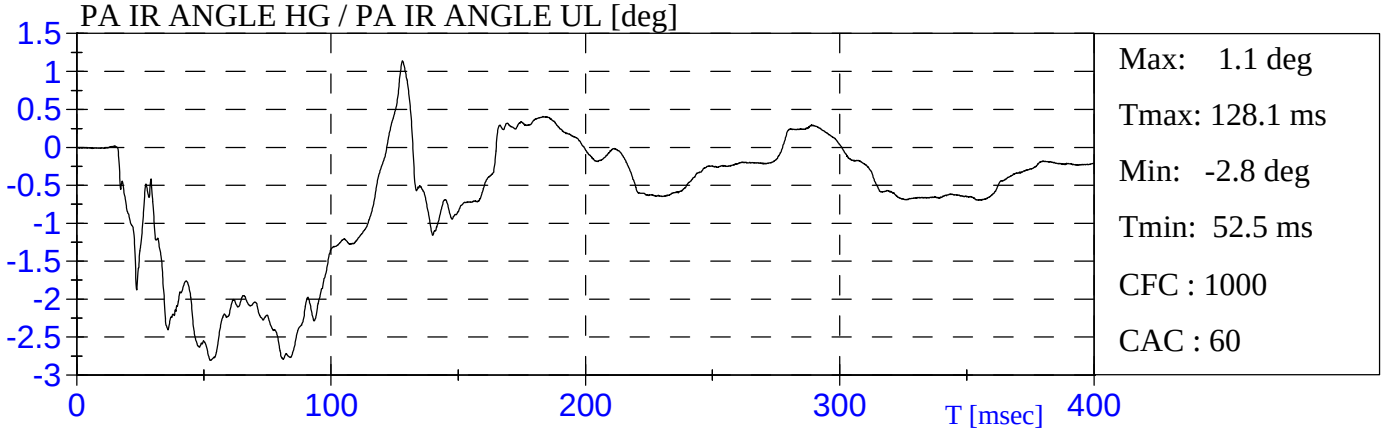
PA IR ANGLE HD / PA IR ANGLE UR [deg]



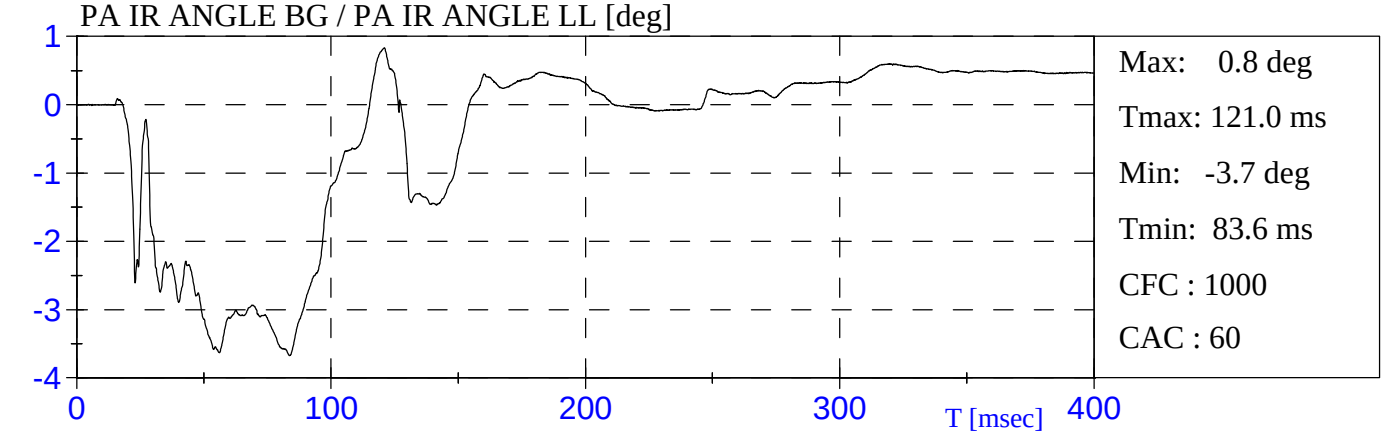
PA IR ANGLE BD / PA IR ANGLE LR [deg]



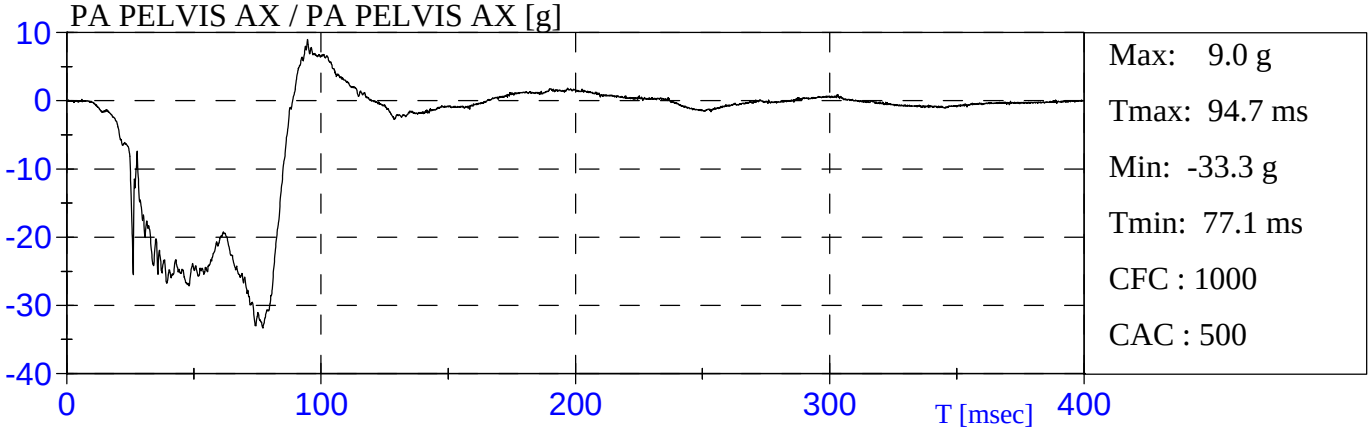
PA IR ANGLE HG / PA IR ANGLE UL [deg]



PA IR ANGLE BG / PA IR ANGLE LL [deg]

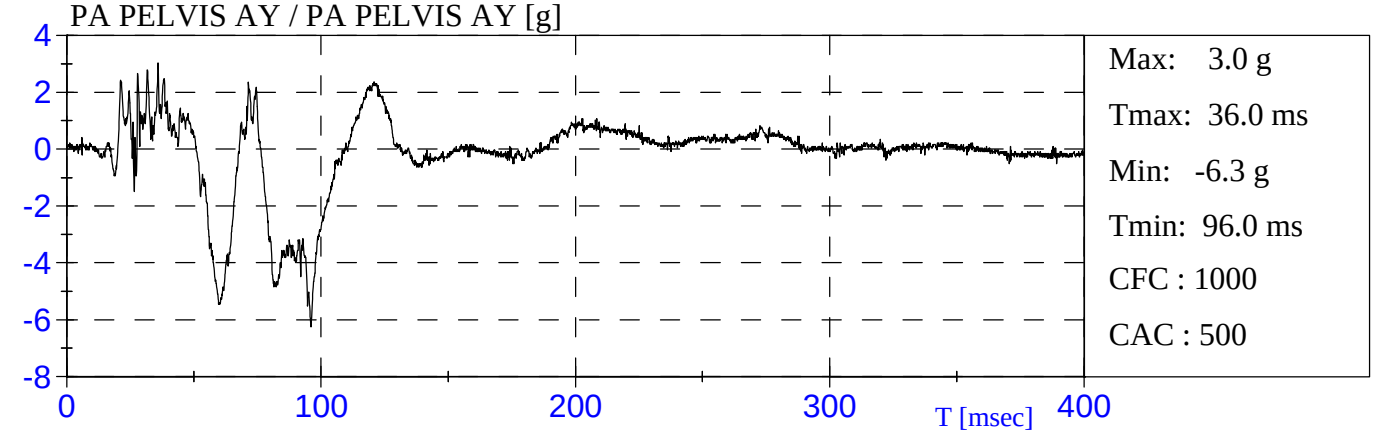


PA PELVIS AX / PA PELVIS AX [g]



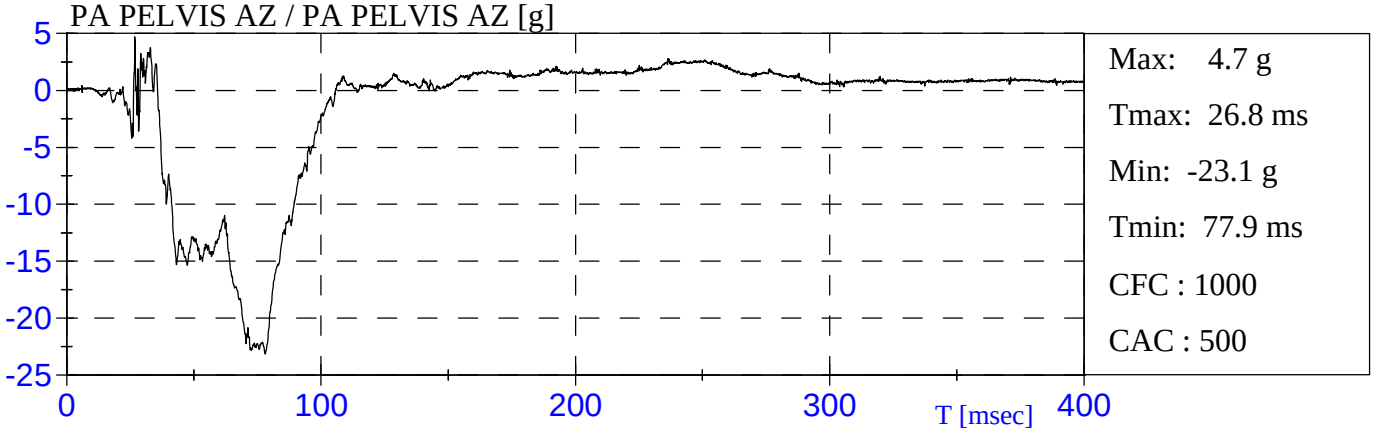
Max: 9.0 g
Tmax: 94.7 ms
Min: -33.3 g
Tmin: 77.1 ms
CFC : 1000
CAC : 500

PA PELVIS AY / PA PELVIS AY [g]



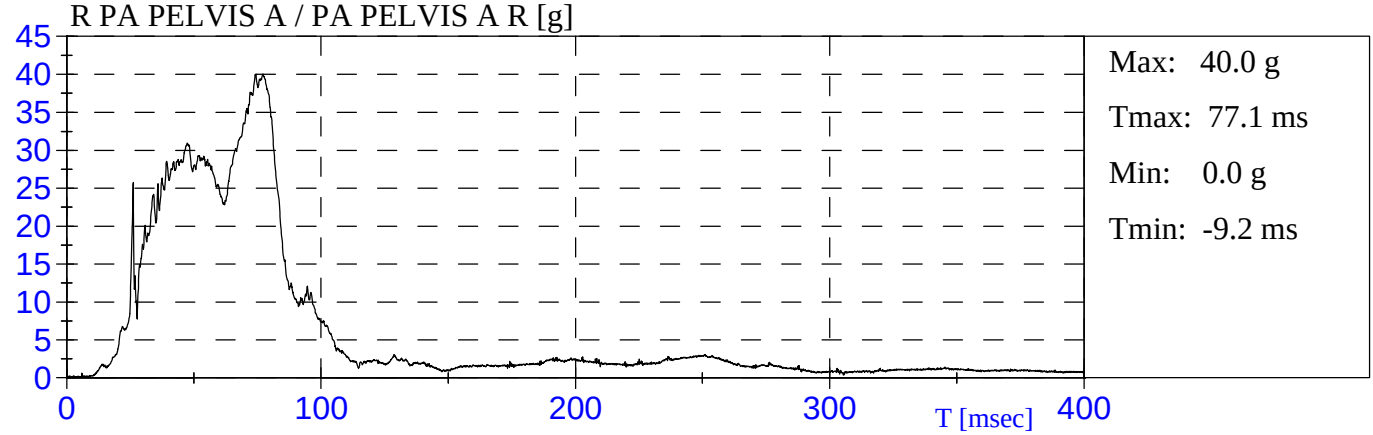
Max: 3.0 g
Tmax: 36.0 ms
Min: -6.3 g
Tmin: 96.0 ms
CFC : 1000
CAC : 500

PA PELVIS AZ / PA PELVIS AZ [g]



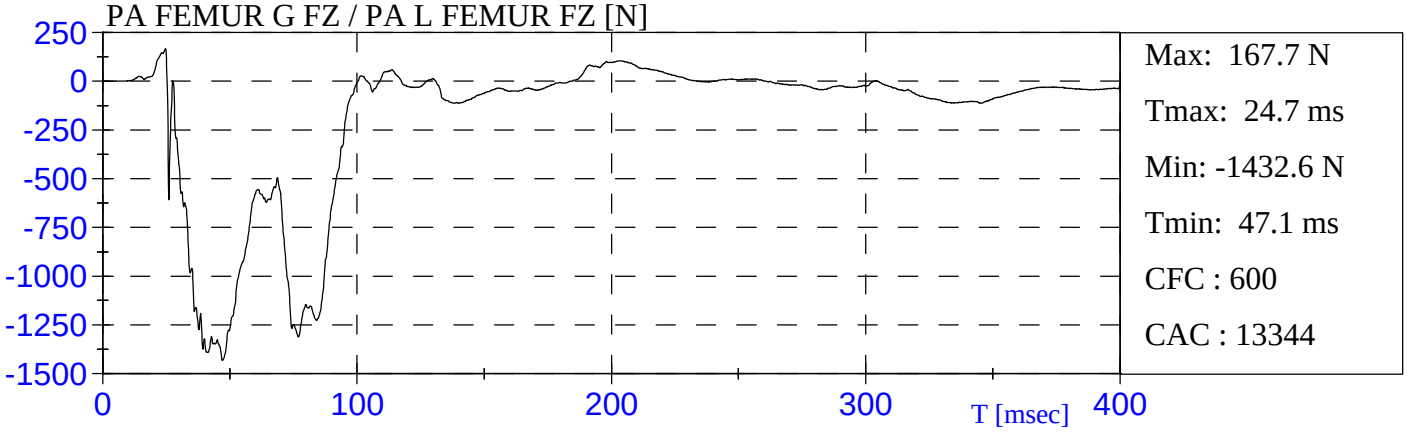
Max: 4.7 g
Tmax: 26.8 ms
Min: -23.1 g
Tmin: 77.9 ms
CFC : 1000
CAC : 500

R PA PELVIS A / PA PELVIS A R [g]

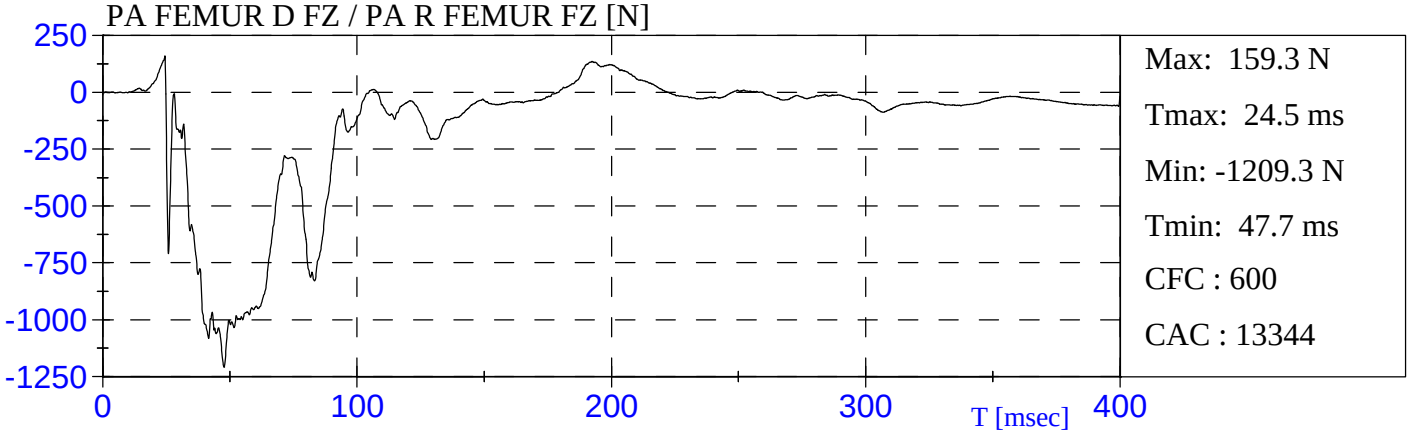


Max: 40.0 g
Tmax: 77.1 ms
Min: 0.0 g
Tmin: -9.2 ms

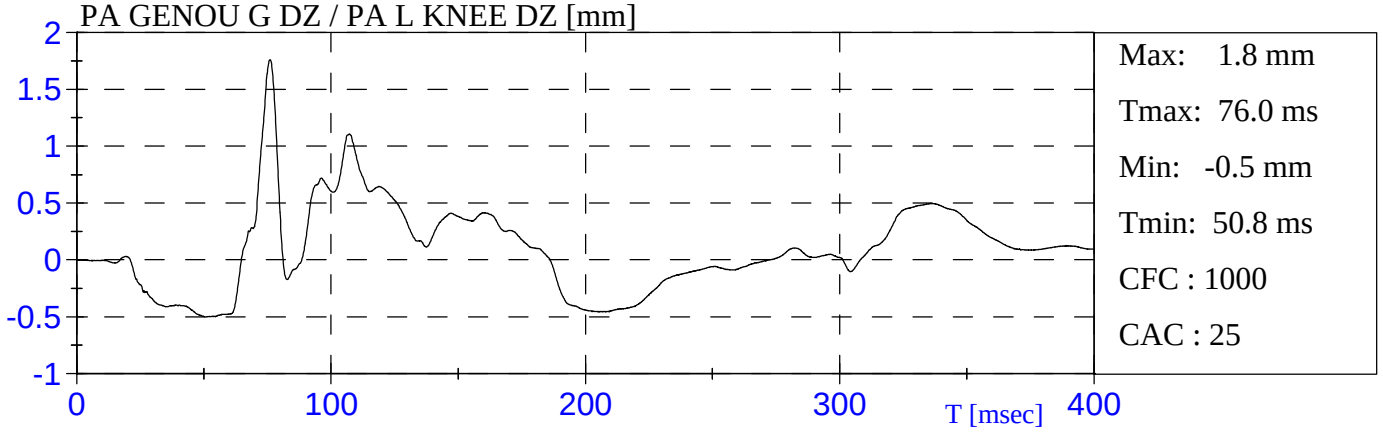
PA FEMUR G FZ / PA L FEMUR FZ [N]



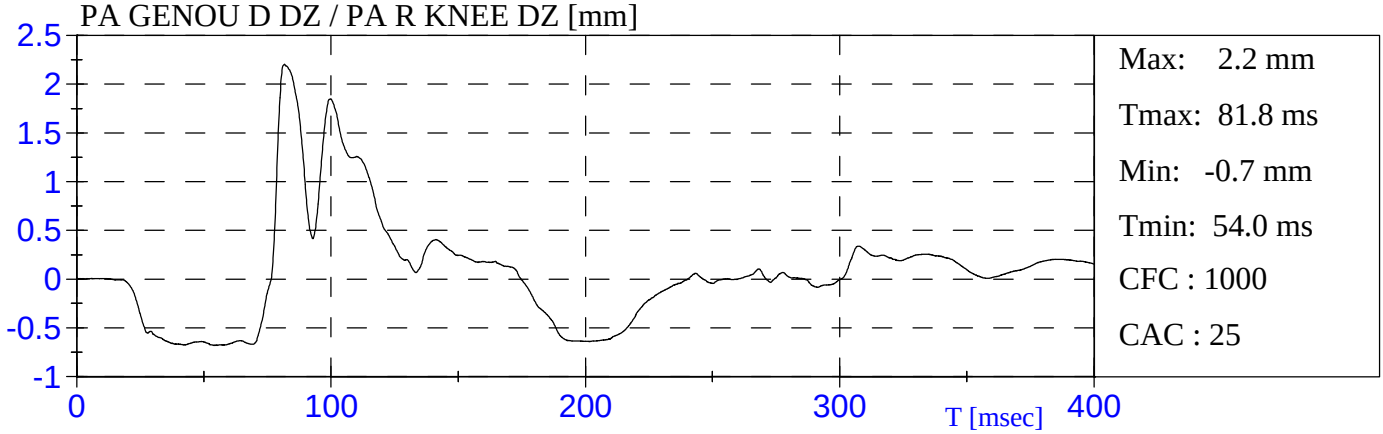
PA FEMUR D FZ / PA R FEMUR FZ [N]



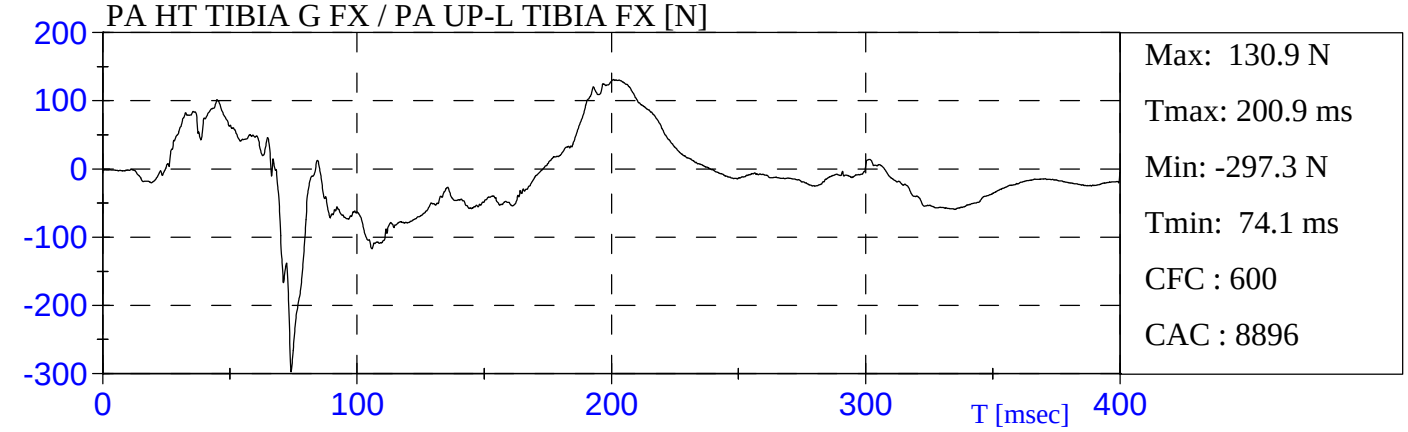
PA GENOU G DZ / PA L KNEE DZ [mm]



PA GENOU D DZ / PA R KNEE DZ [mm]

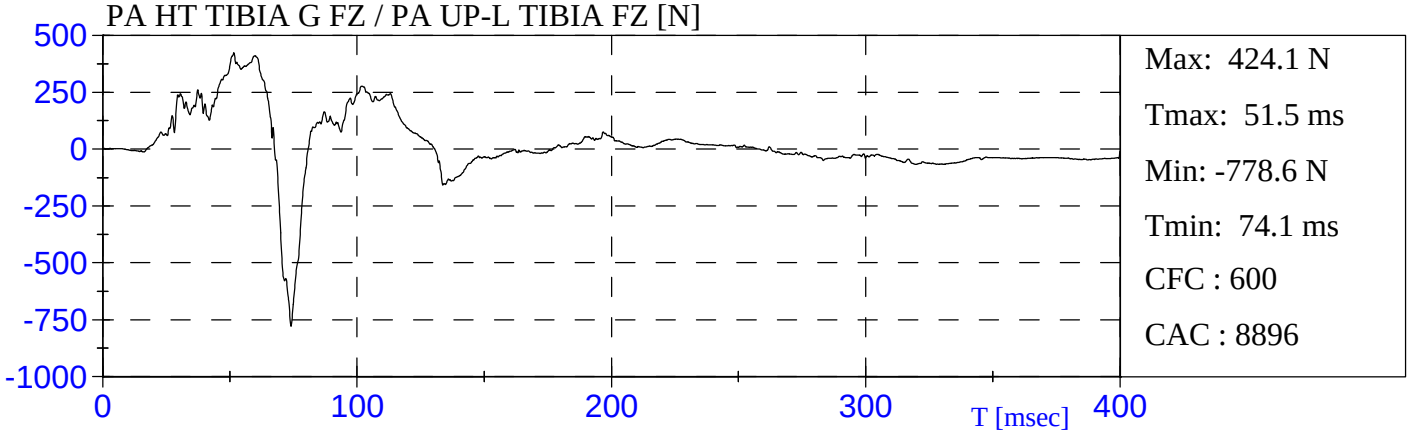


PA HT TIBIA G FX / PA UP-L TIBIA FX [N]



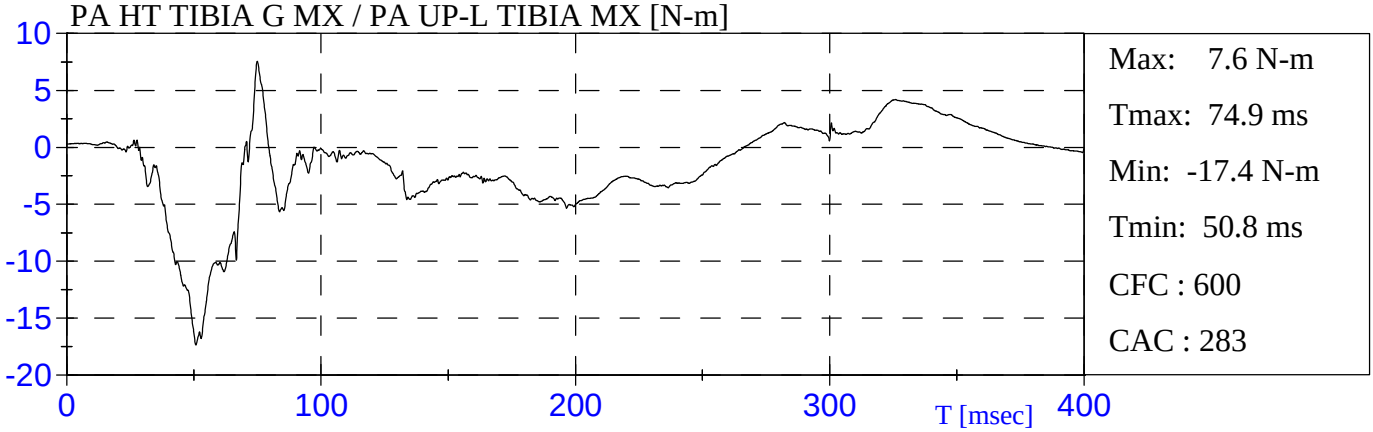
Max: 130.9 N
Tmax: 200.9 ms
Min: -297.3 N
Tmin: 74.1 ms
CFC : 600
CAC : 8896

PA HT TIBIA G FZ / PA UP-L TIBIA FZ [N]



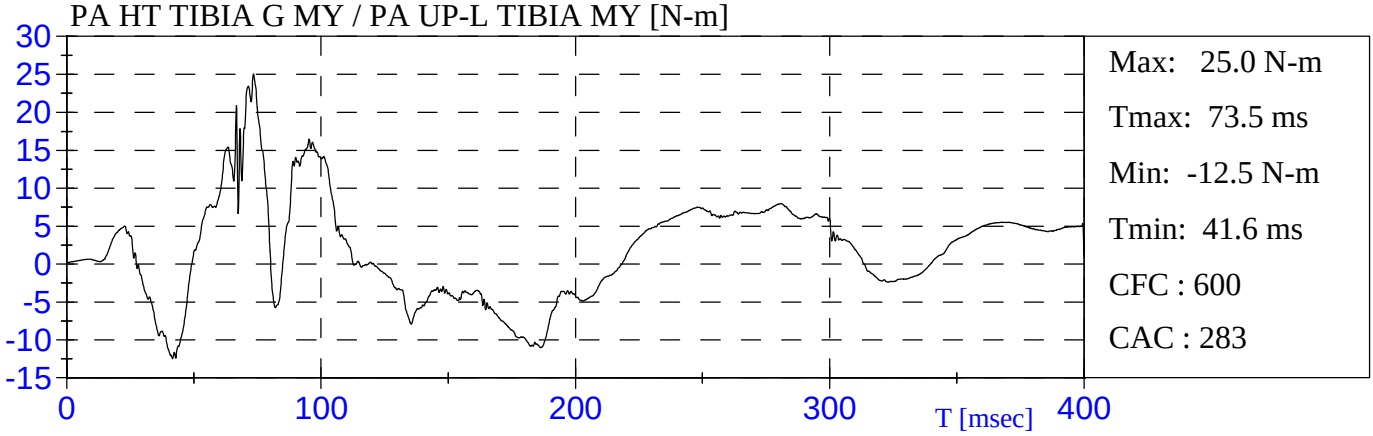
Max: 424.1 N
Tmax: 51.5 ms
Min: -778.6 N
Tmin: 74.1 ms
CFC : 600
CAC : 8896

PA HT TIBIA G MX / PA UP-L TIBIA MX [N-m]



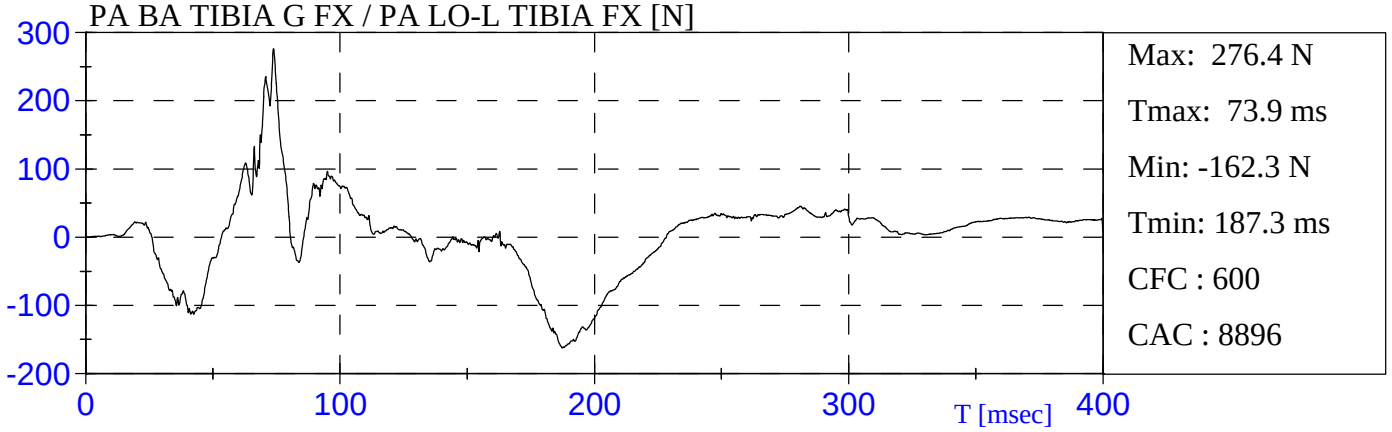
Max: 7.6 N-m
Tmax: 74.9 ms
Min: -17.4 N-m
Tmin: 50.8 ms
CFC : 600
CAC : 283

PA HT TIBIA G MY / PA UP-L TIBIA MY [N-m]



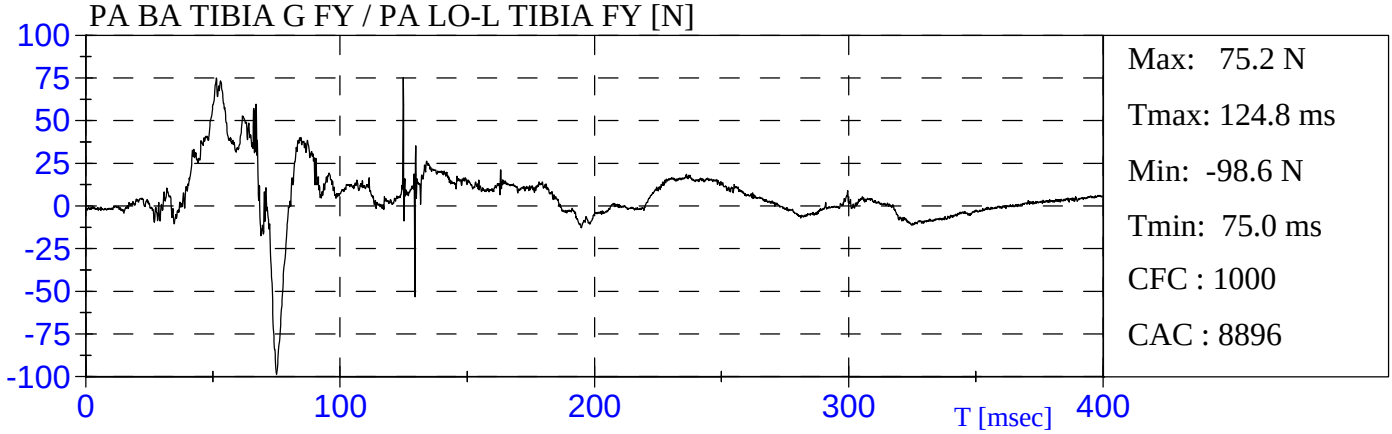
Max: 25.0 N-m
Tmax: 73.5 ms
Min: -12.5 N-m
Tmin: 41.6 ms
CFC : 600
CAC : 283

PA BA TIBIA G FX / PA LO-L TIBIA FX [N]



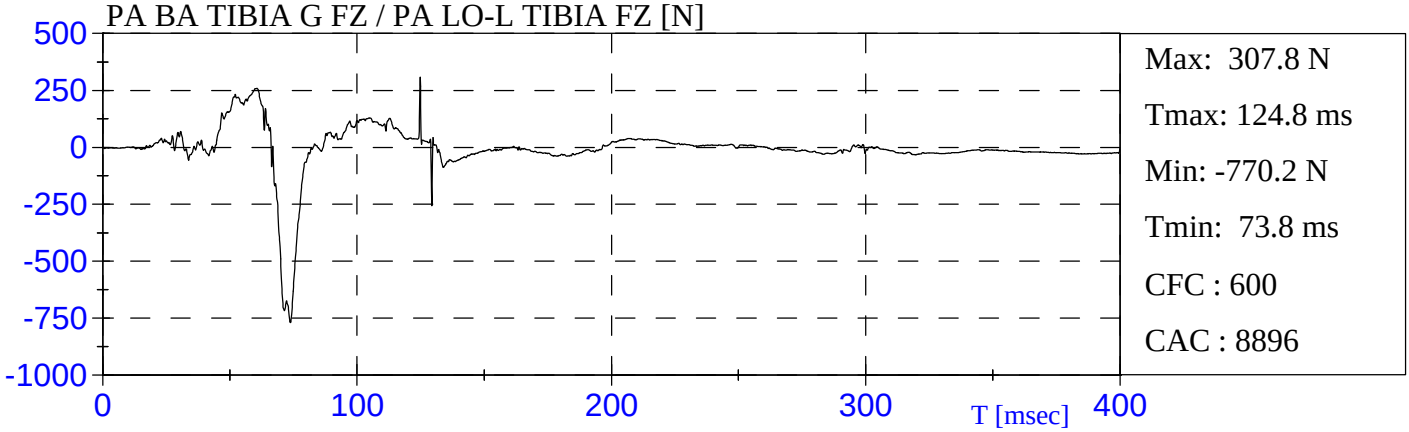
Max: 276.4 N
Tmax: 73.9 ms
Min: -162.3 N
Tmin: 187.3 ms
CFC : 600
CAC : 8896

PA BA TIBIA G FY / PA LO-L TIBIA FY [N]



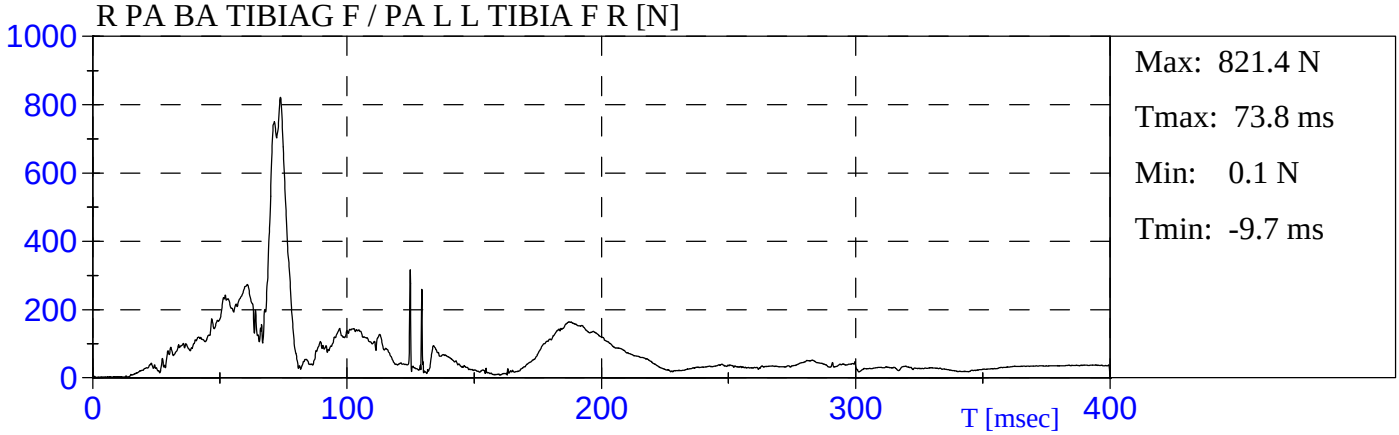
Max: 75.2 N
Tmax: 124.8 ms
Min: -98.6 N
Tmin: 75.0 ms
CFC : 1000
CAC : 8896

PA BA TIBIA G FZ / PA LO-L TIBIA FZ [N]



Max: 307.8 N
Tmax: 124.8 ms
Min: -770.2 N
Tmin: 73.8 ms
CFC : 600
CAC : 8896

R PA BA TIBIAG F / PA L L TIBIA F R [N]



Max: 821.4 N
Tmax: 73.8 ms
Min: 0.1 N
Tmin: -9.7 ms

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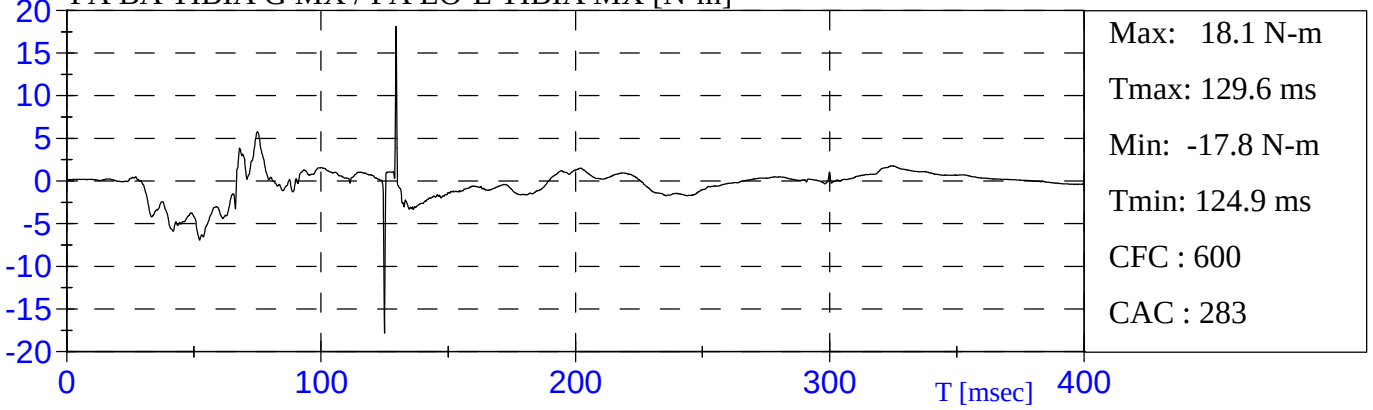
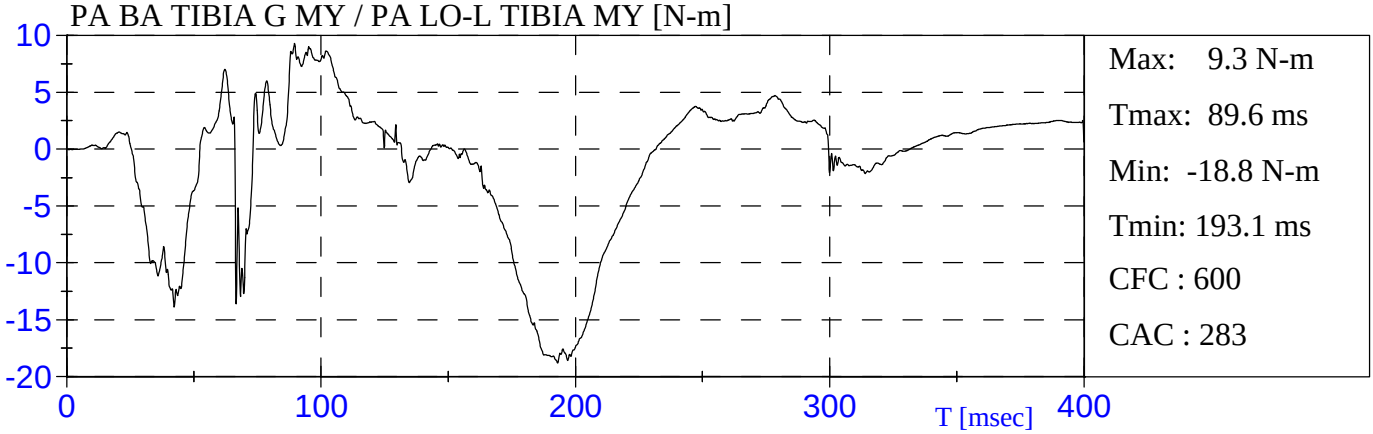
PA BA TIBIA G MX / PA LO-L TIBIA MX [N-m]



PA BA TIBIA G MY / PA LO-L TIBIA MY [N-m]



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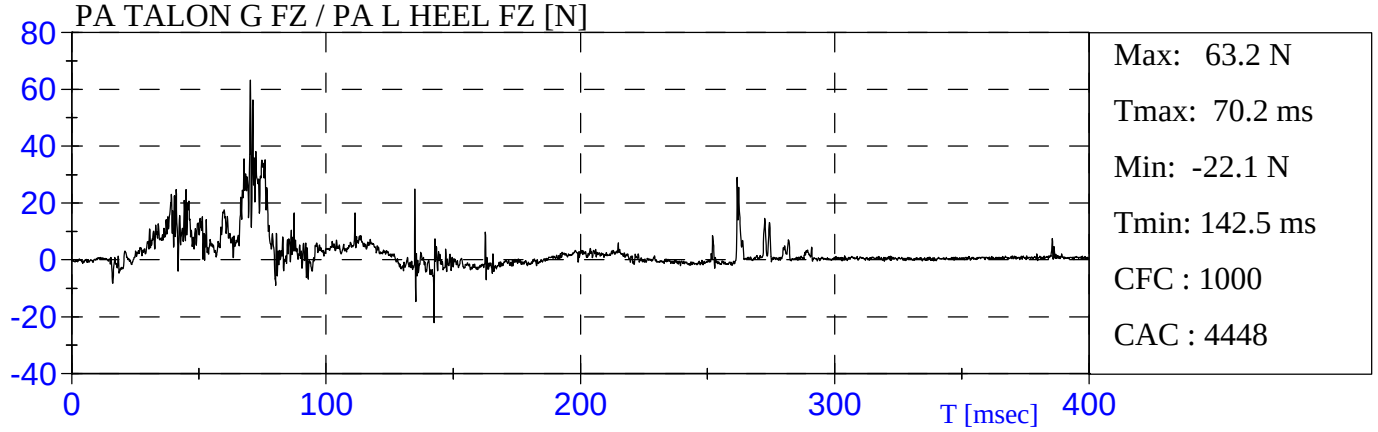
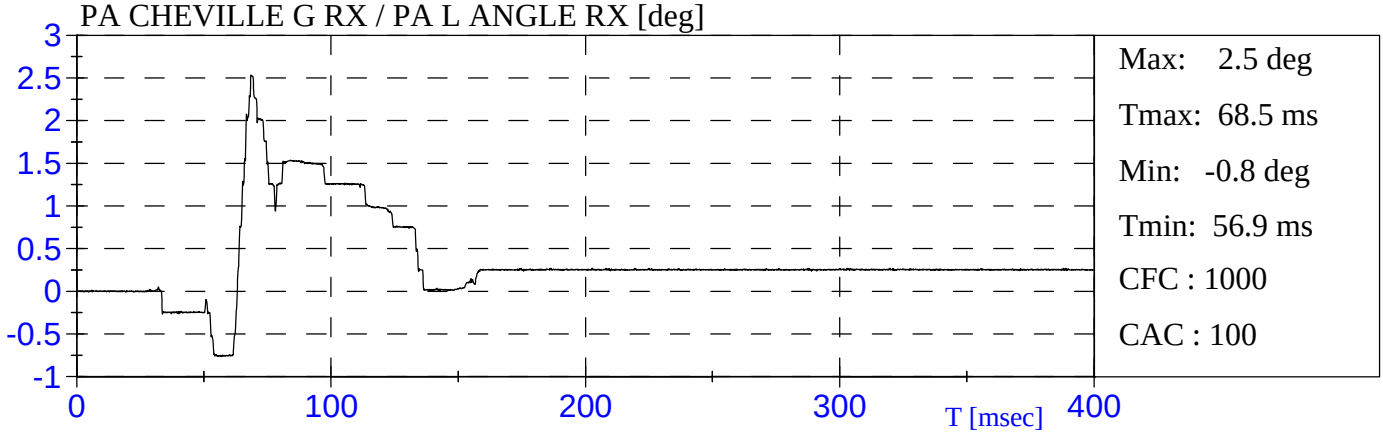
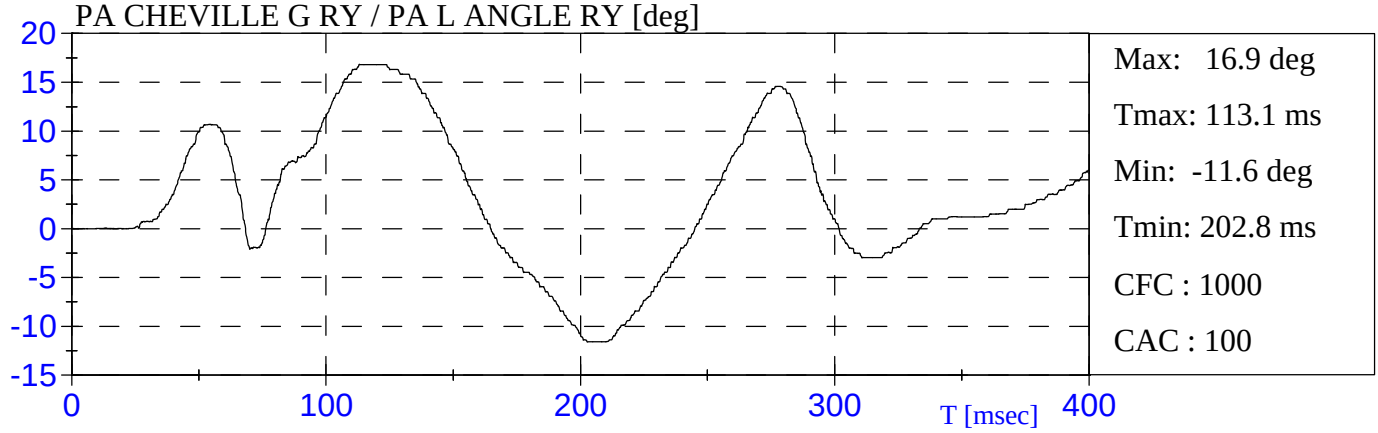
PA TALON G FZ / PA L HEEL FZ [N]



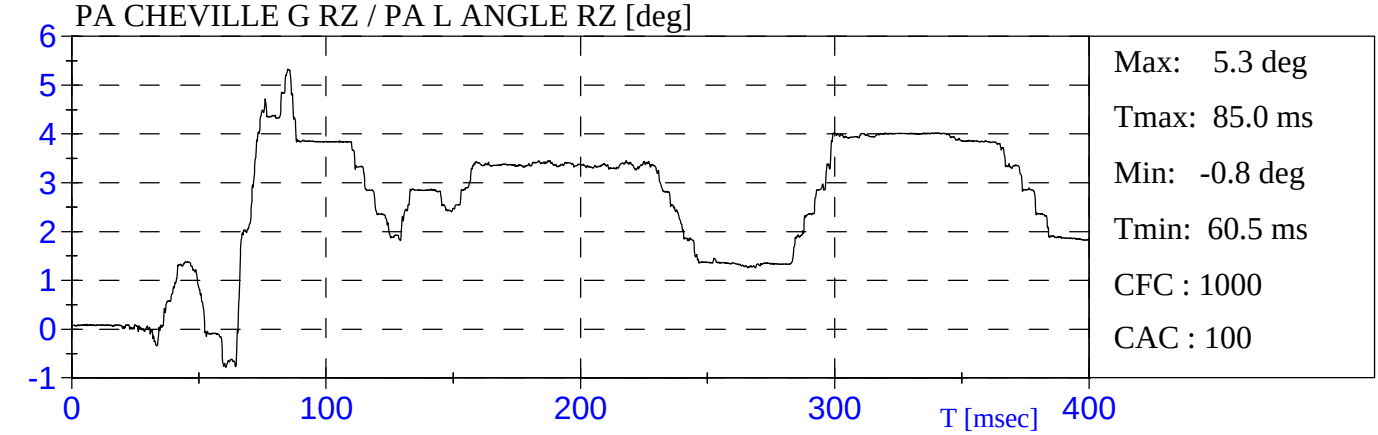
PA CHEVILLE G RX / PA L ANGLE RX [deg]



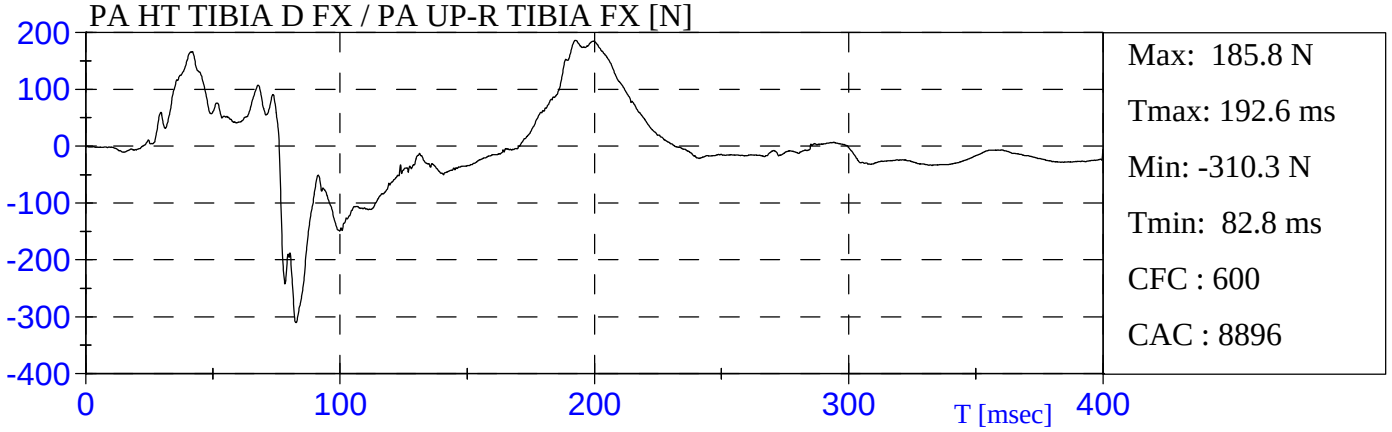
PA CHEVILLE G RY / PA L ANGLE RY [deg]



PA CHEVILLE G RZ / PA L ANGLE RZ [deg]

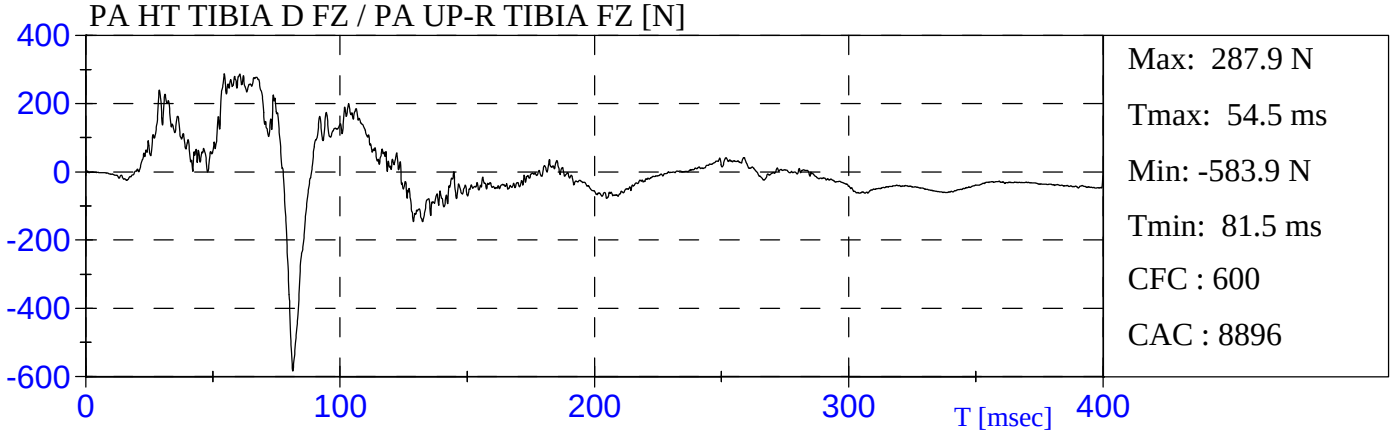


PA HT TIBIA D FX / PA UP-R TIBIA FX [N]



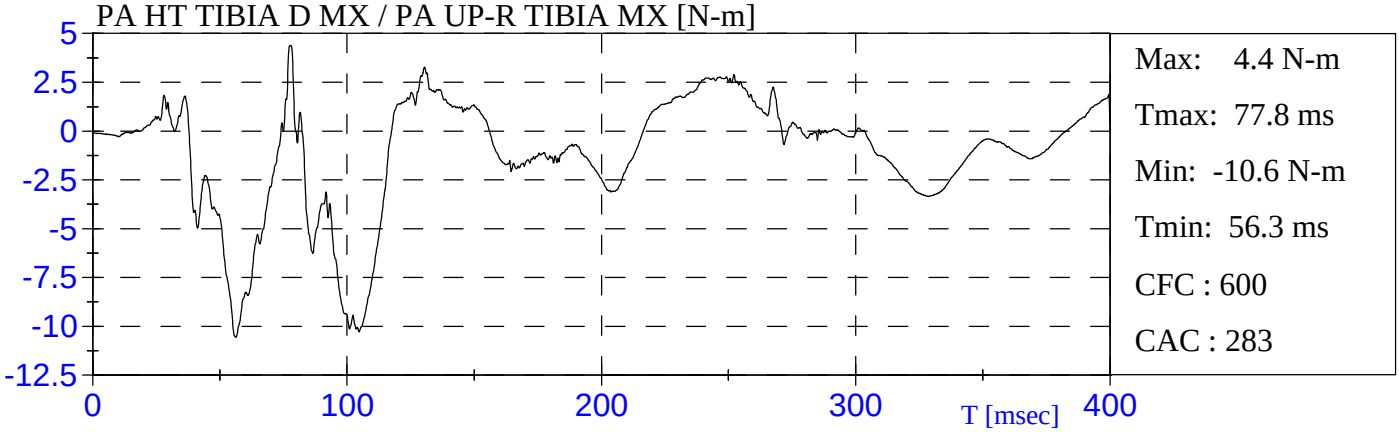
Max: 185.8 N
Tmax: 192.6 ms
Min: -310.3 N
Tmin: 82.8 ms
CFC : 600
CAC : 8896

PA HT TIBIA D FZ / PA UP-R TIBIA FZ [N]



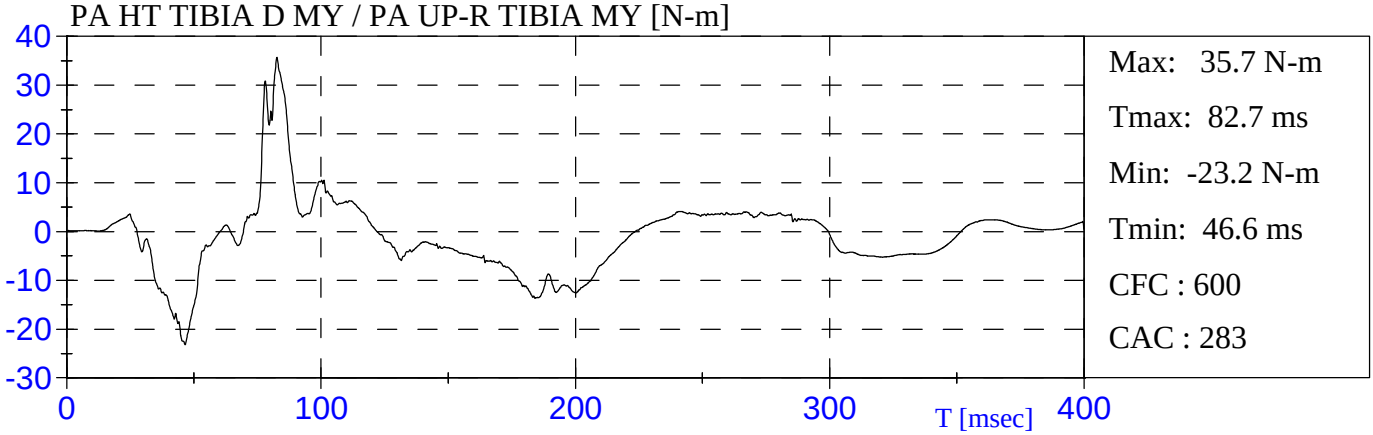
Max: 287.9 N
Tmax: 54.5 ms
Min: -583.9 N
Tmin: 81.5 ms
CFC : 600
CAC : 8896

PA HT TIBIA D MX / PA UP-R TIBIA MX [N-m]



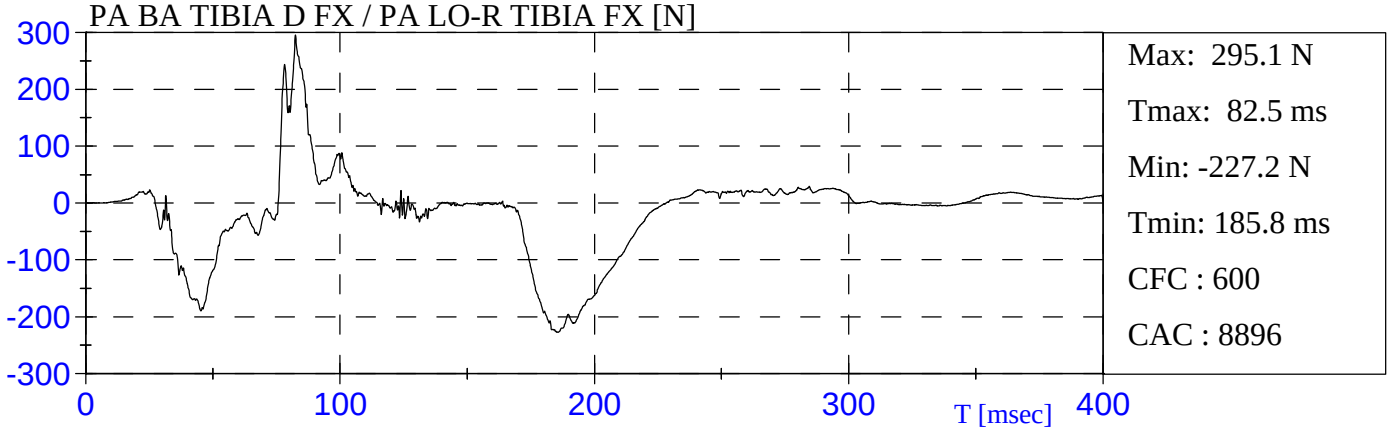
Max: 4.4 N-m
Tmax: 77.8 ms
Min: -10.6 N-m
Tmin: 56.3 ms
CFC : 600
CAC : 283

PA HT TIBIA D MY / PA UP-R TIBIA MY [N-m]



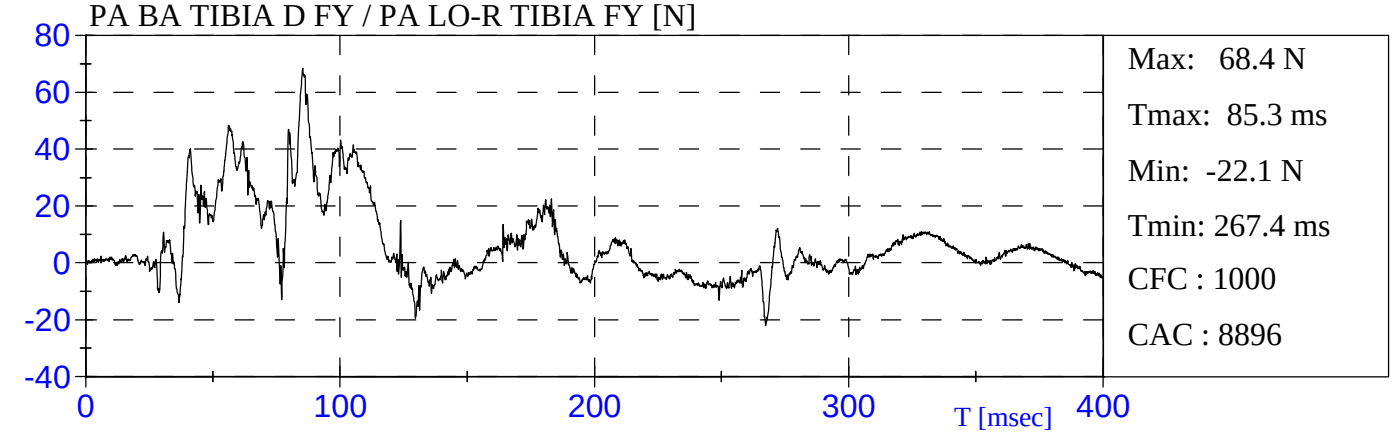
Max: 35.7 N-m
Tmax: 82.7 ms
Min: -23.2 N-m
Tmin: 46.6 ms
CFC : 600
CAC : 283

PA BA TIBIA D FX / PA LO-R TIBIA FX [N]



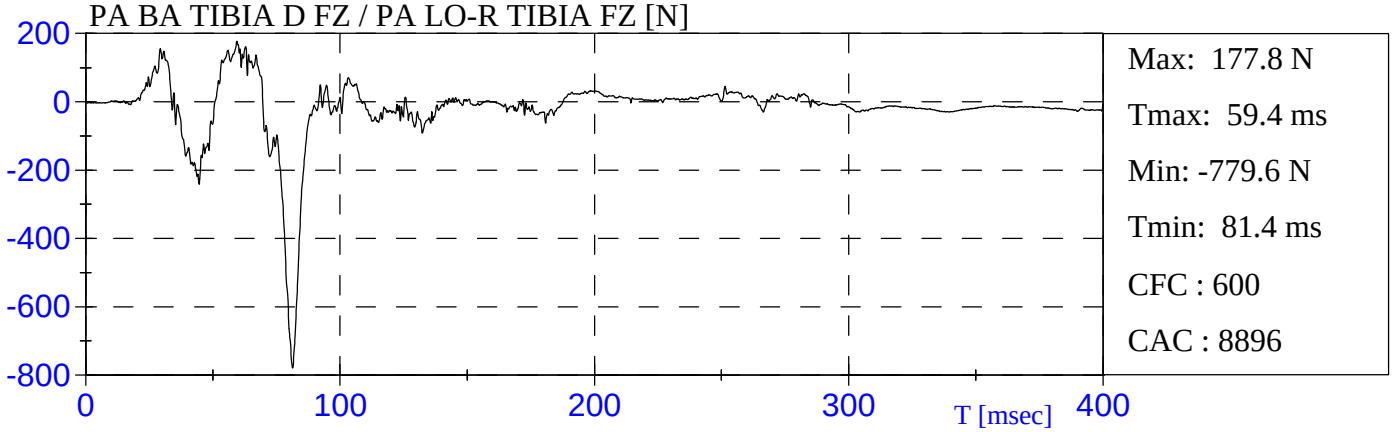
Max: 295.1 N
Tmax: 82.5 ms
Min: -227.2 N
Tmin: 185.8 ms
CFC : 600
CAC : 8896

PA BA TIBIA D FY / PA LO-R TIBIA FY [N]



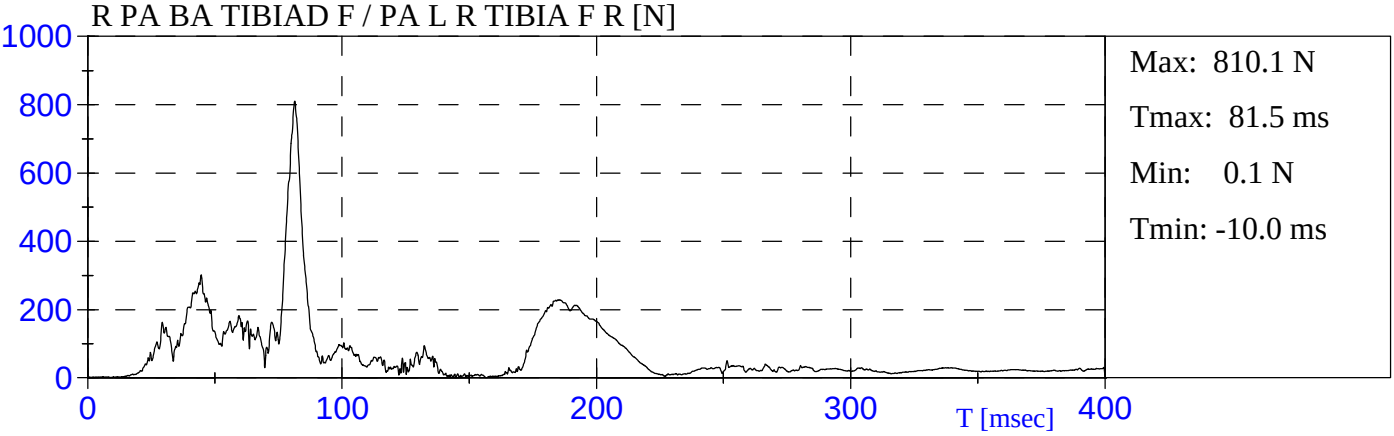
Max: 68.4 N
Tmax: 85.3 ms
Min: -22.1 N
Tmin: 267.4 ms
CFC : 1000
CAC : 8896

PA BA TIBIA D FZ / PA LO-R TIBIA FZ [N]



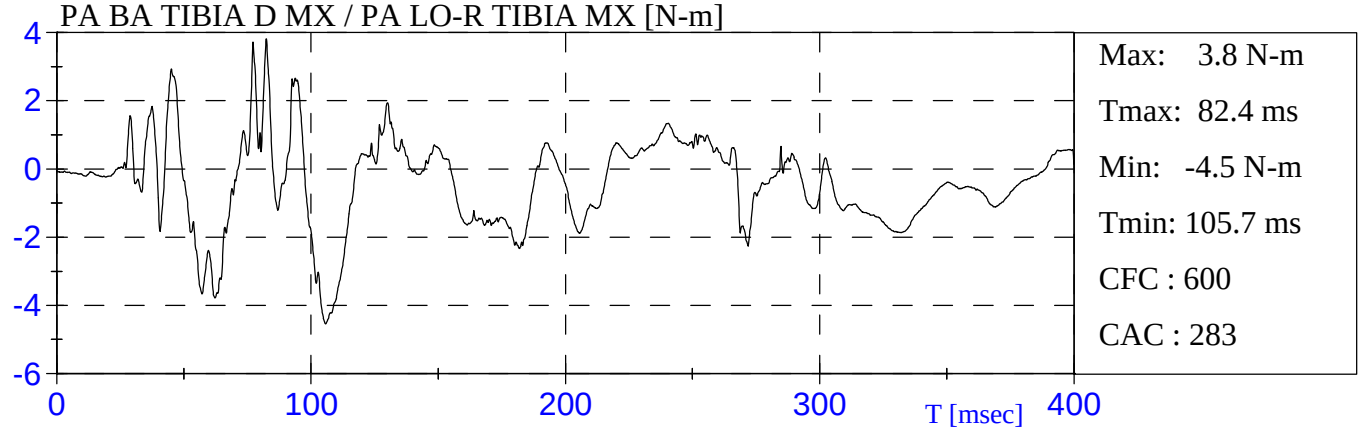
Max: 177.8 N
Tmax: 59.4 ms
Min: -779.6 N
Tmin: 81.4 ms
CFC : 600
CAC : 8896

R PA BA TIBIAD F / PA L R TIBIA F R [N]

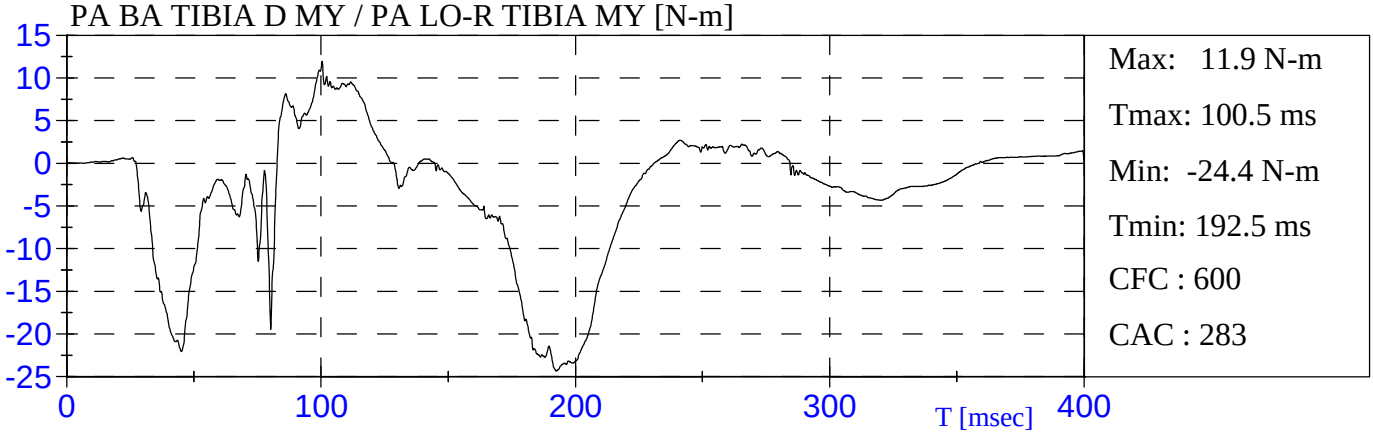


Max: 810.1 N
Tmax: 81.5 ms
Min: 0.1 N
Tmin: -10.0 ms

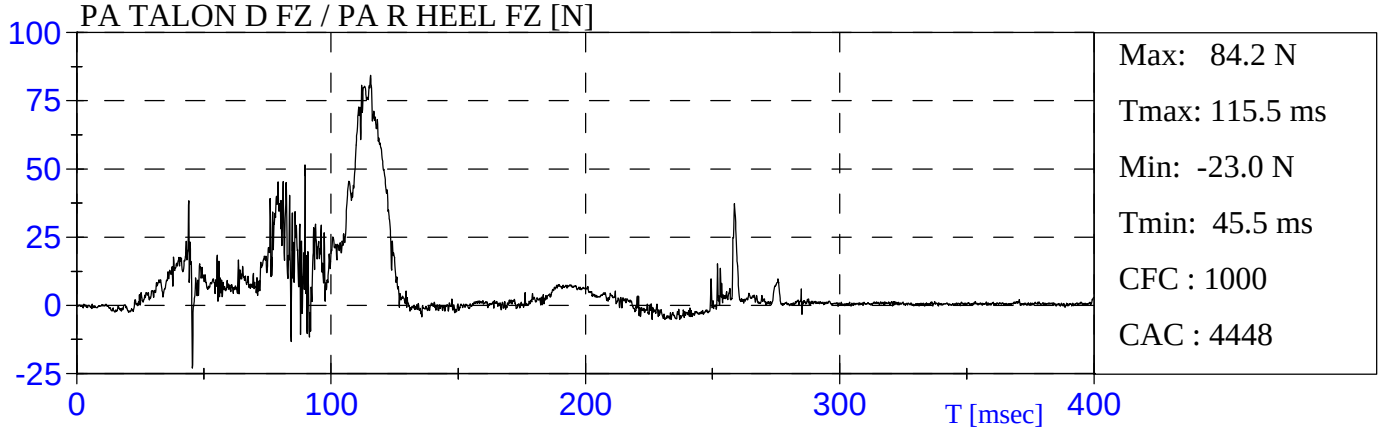
PA BA TIBIA D MX / PA LO-R TIBIA MX [N-m]



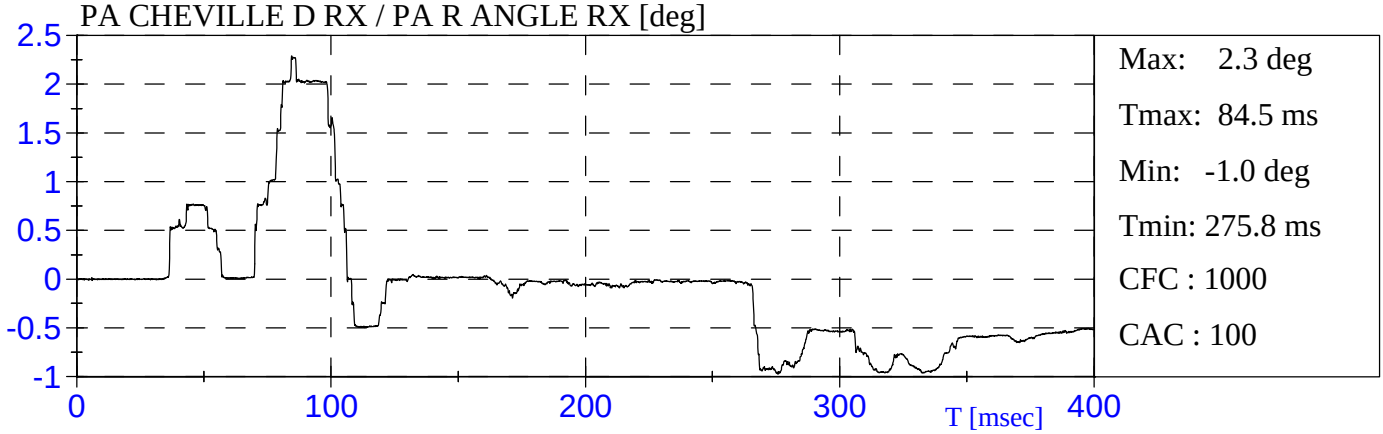
PA BA TIBIA D MY / PA LO-R TIBIA MY [N-m]



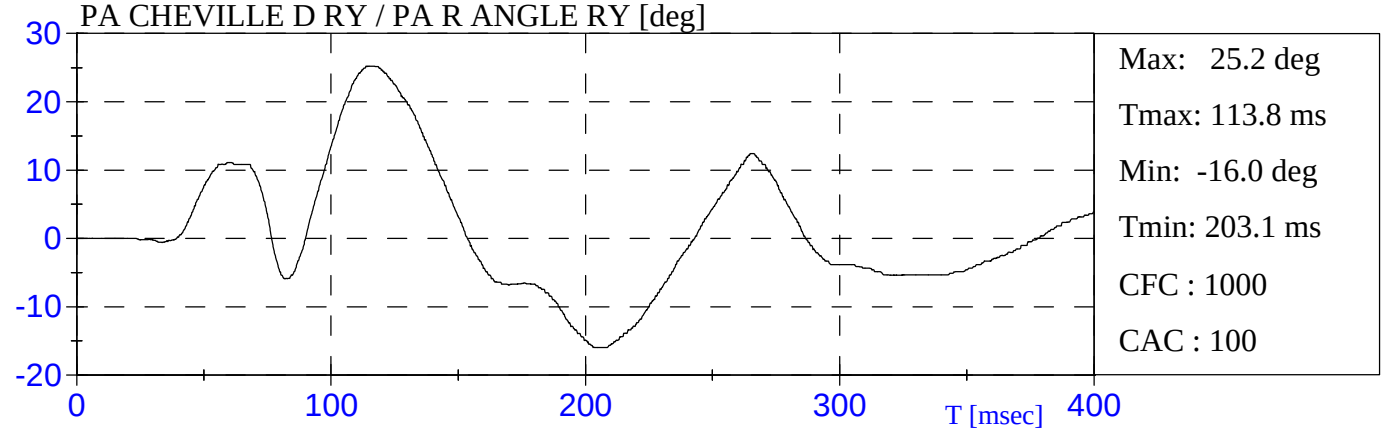
PA TALON D FZ / PA R HEEL FZ [N]



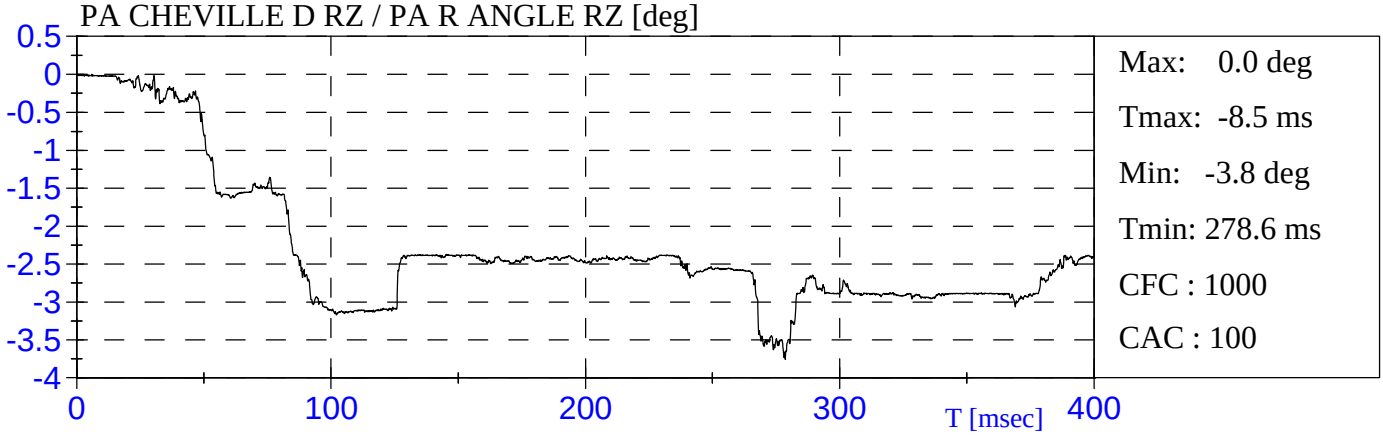
PA CHEVILLE D RX / PA R ANGLE RX [deg]



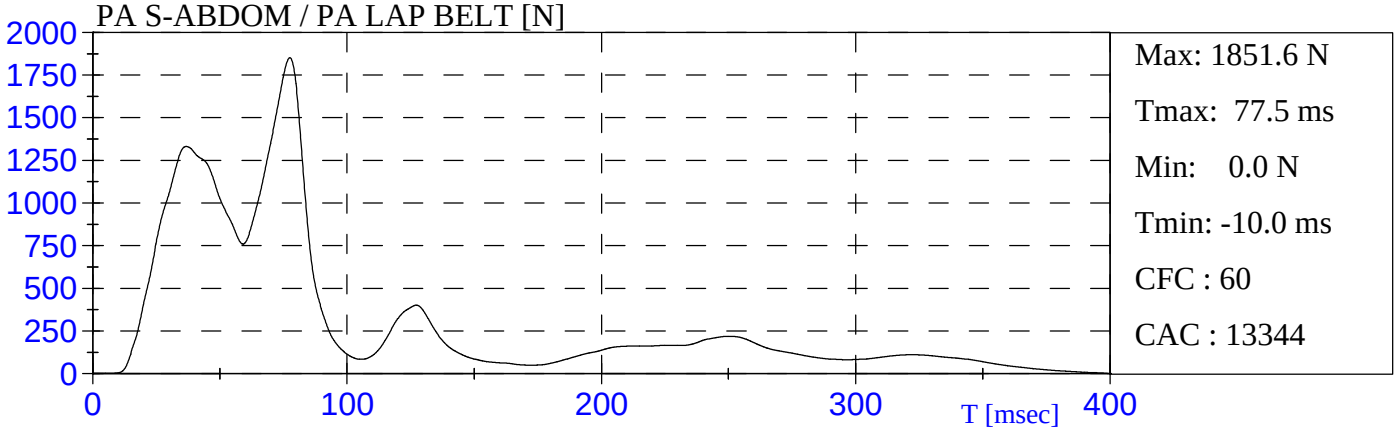
PA CHEVILLE D RY / PA R ANGLE RY [deg]



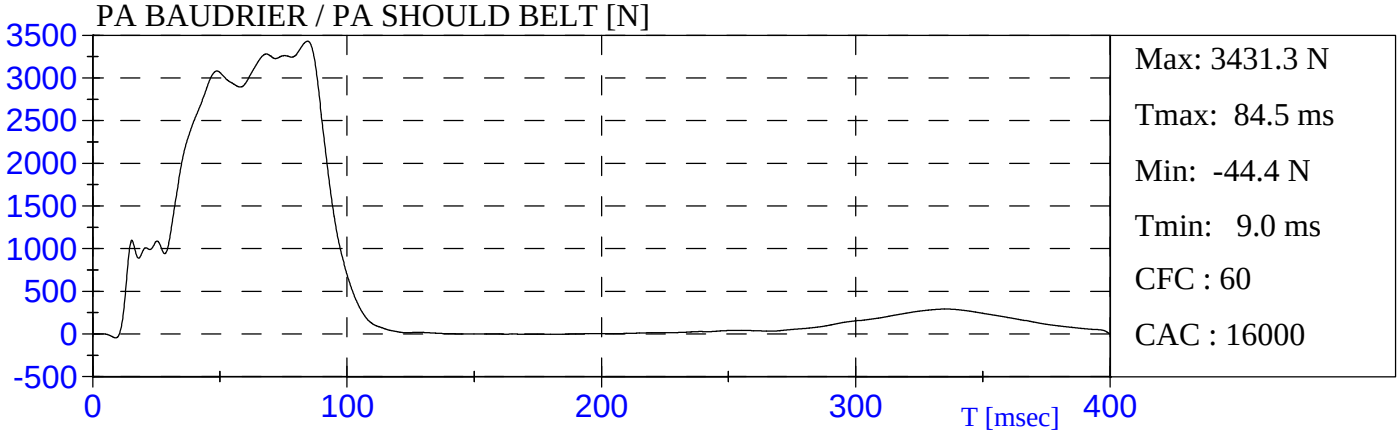
PA CHEVILLE D RZ / PA R ANGLE RZ [deg]

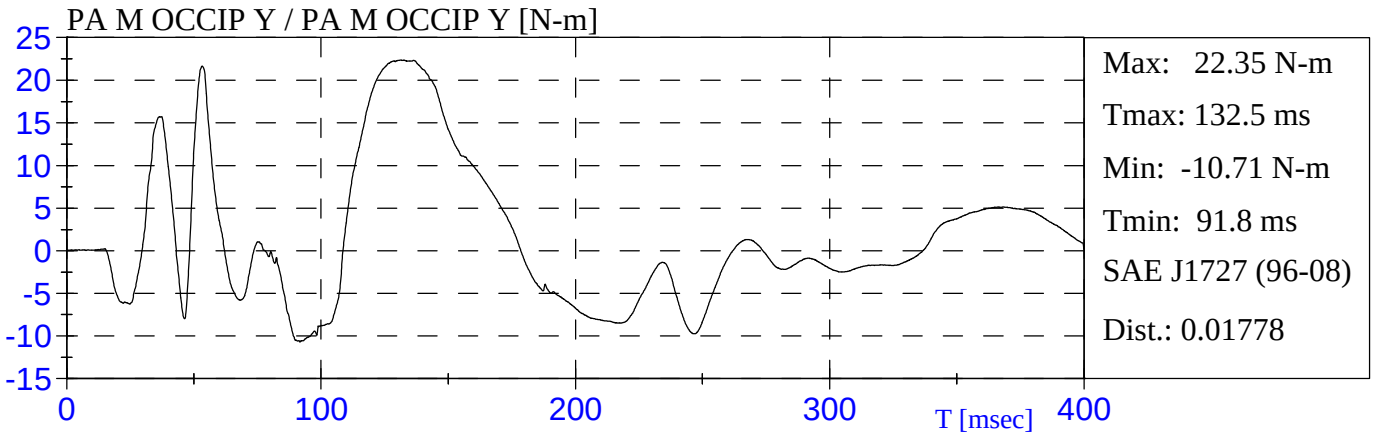


PA S-ABDOM / PA LAP BELT [N]



PA BAUDRIER / PA SHOULD BELT [N]




PA M OCCIP Y / PA M OCCIP Y [N-m]
25
20
15
10
5
0
-5
-10
-15
0
100
200
300
400
T [msec]
Max: 22.35 N-m
Tmax: 132.5 ms
Min: -10.71 N-m
Tmin: 91.8 ms
SAE J1727 (96-08)
Dist.: 0.01778

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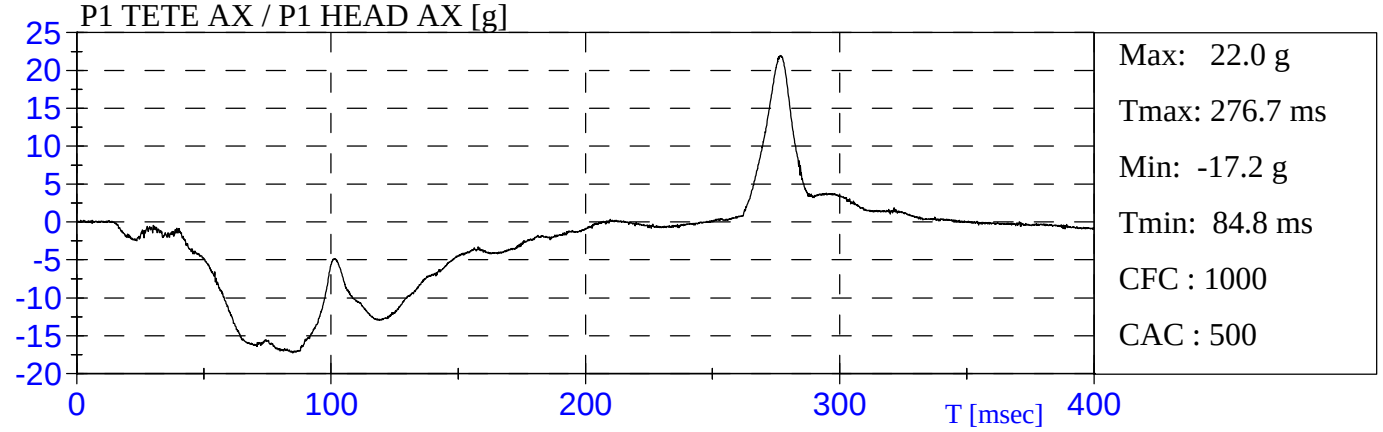
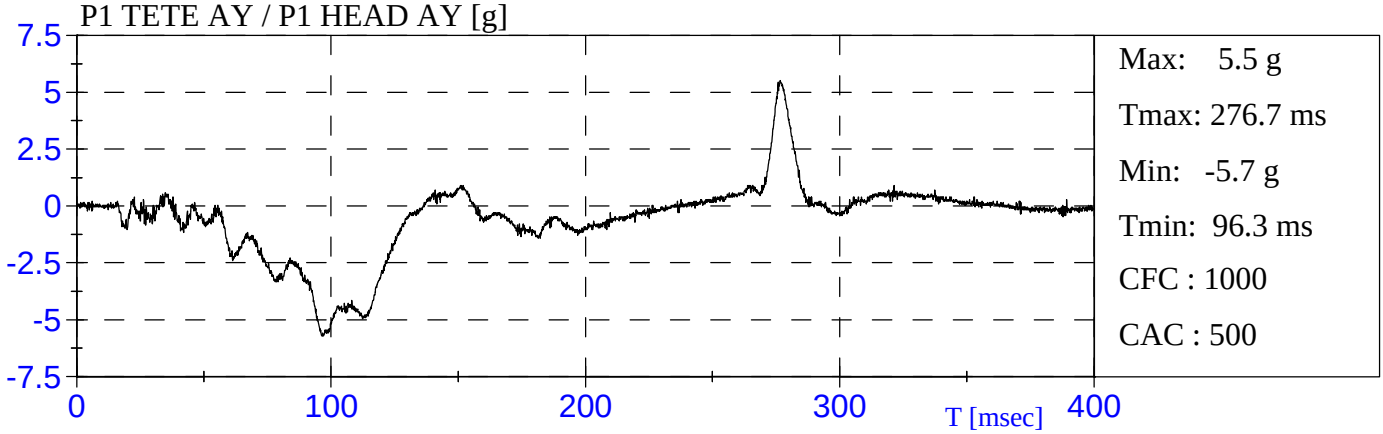
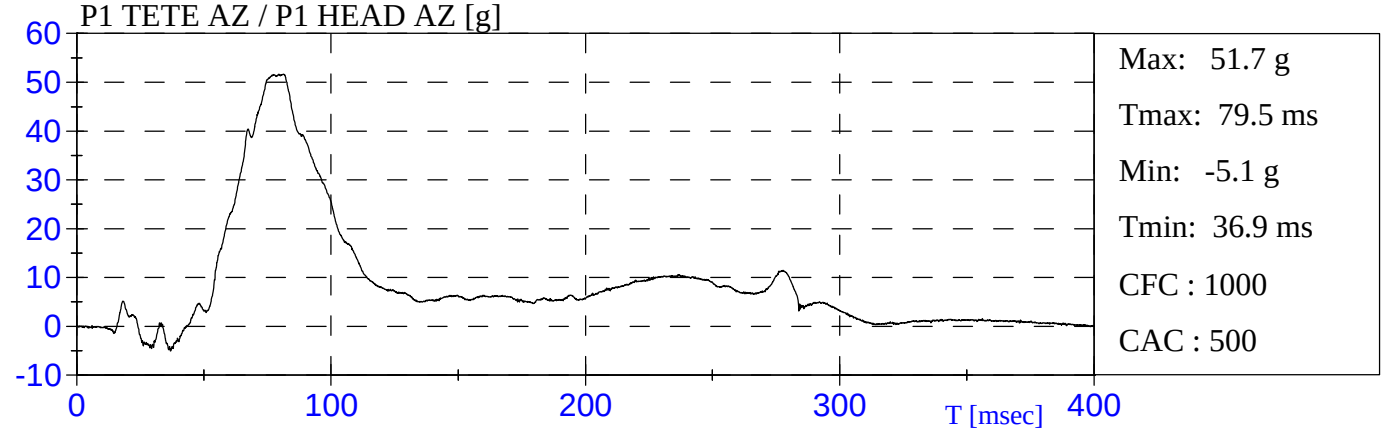
P1 TETE AX / P1 HEAD AX [g]



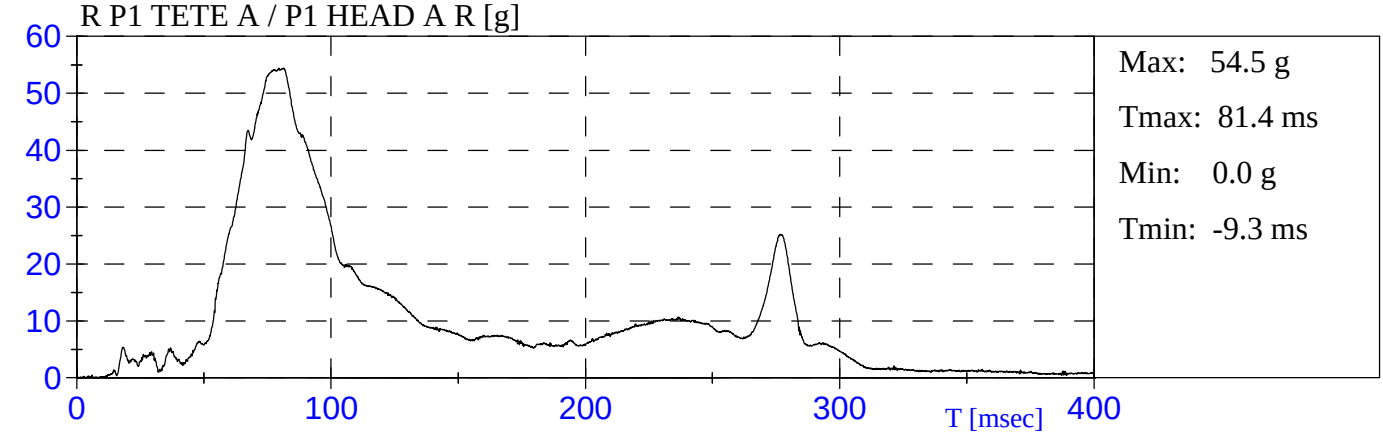
P1 TETE AY / P1 HEAD AY [g]



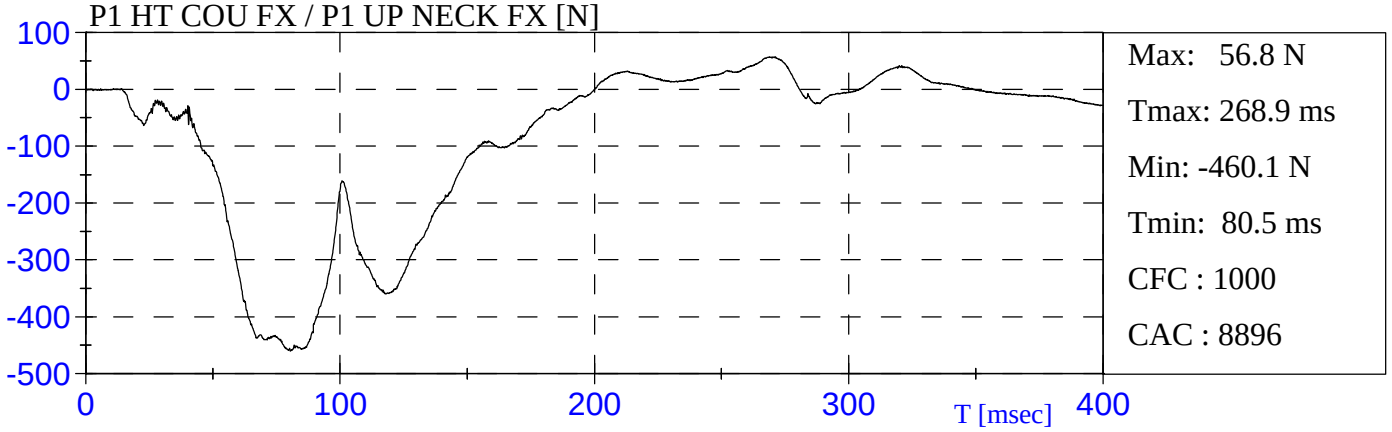
P1 TETE AZ / P1 HEAD AZ [g]



R P1 TETE A / P1 HEAD A R [g]

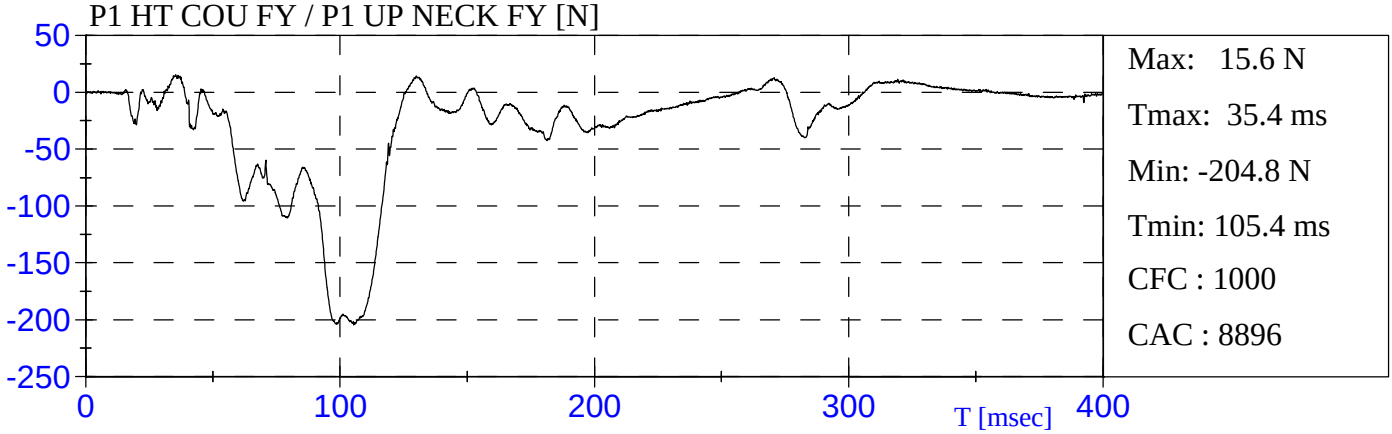


P1 HT COU FX / P1 UP NECK FX [N]



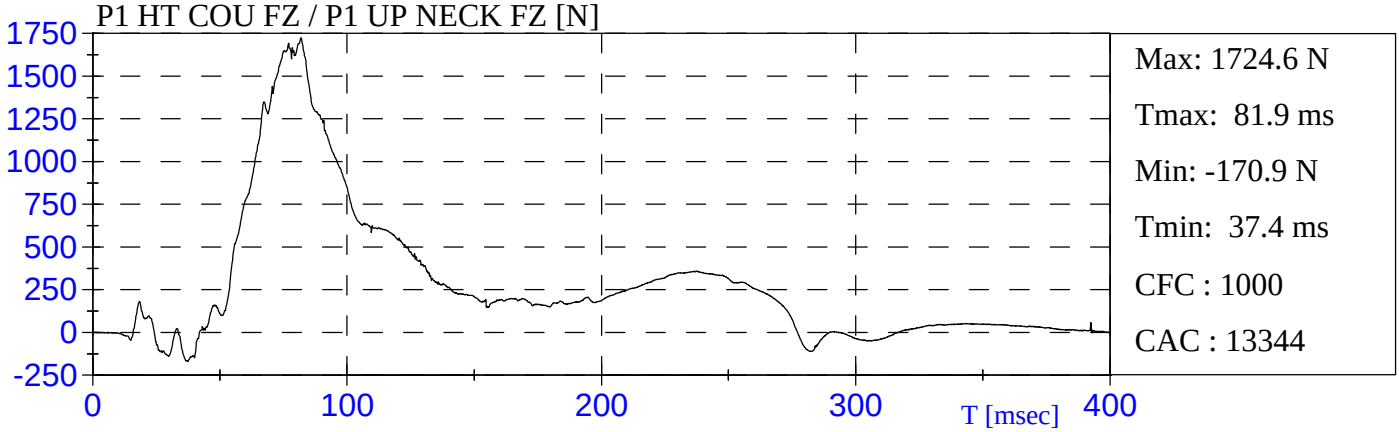
Max: 56.8 N
Tmax: 268.9 ms
Min: -460.1 N
Tmin: 80.5 ms
CFC : 1000
CAC : 8896

P1 HT COU FY / P1 UP NECK FY [N]



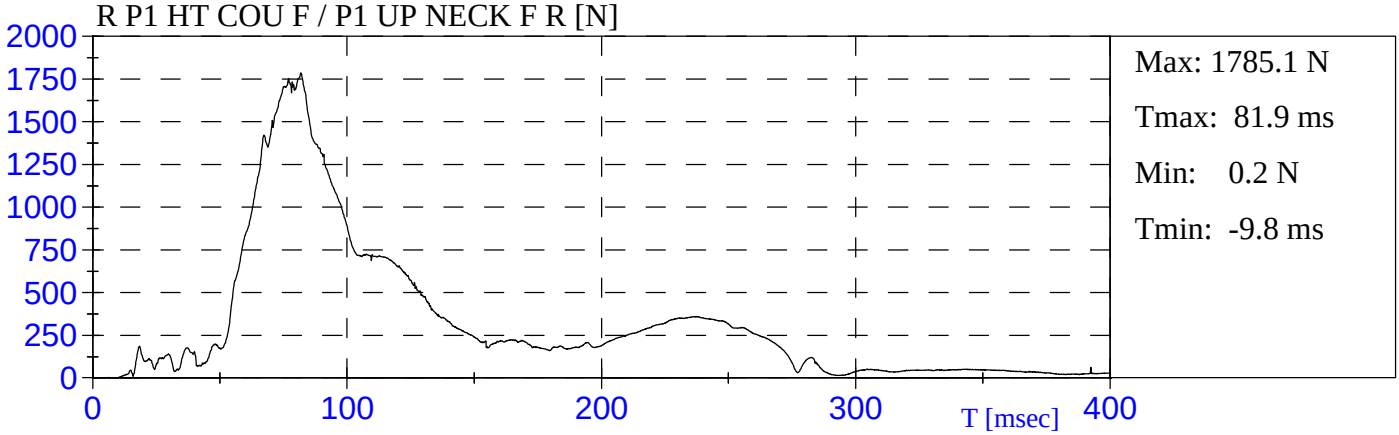
Max: 15.6 N
Tmax: 35.4 ms
Min: -204.8 N
Tmin: 105.4 ms
CFC : 1000
CAC : 8896

P1 HT COU FZ / P1 UP NECK FZ [N]



Max: 1724.6 N
Tmax: 81.9 ms
Min: -170.9 N
Tmin: 37.4 ms
CFC : 1000
CAC : 13344

R P1 HT COU F / P1 UP NECK F R [N]



Max: 1785.1 N
Tmax: 81.9 ms
Min: 0.2 N
Tmin: -9.8 ms

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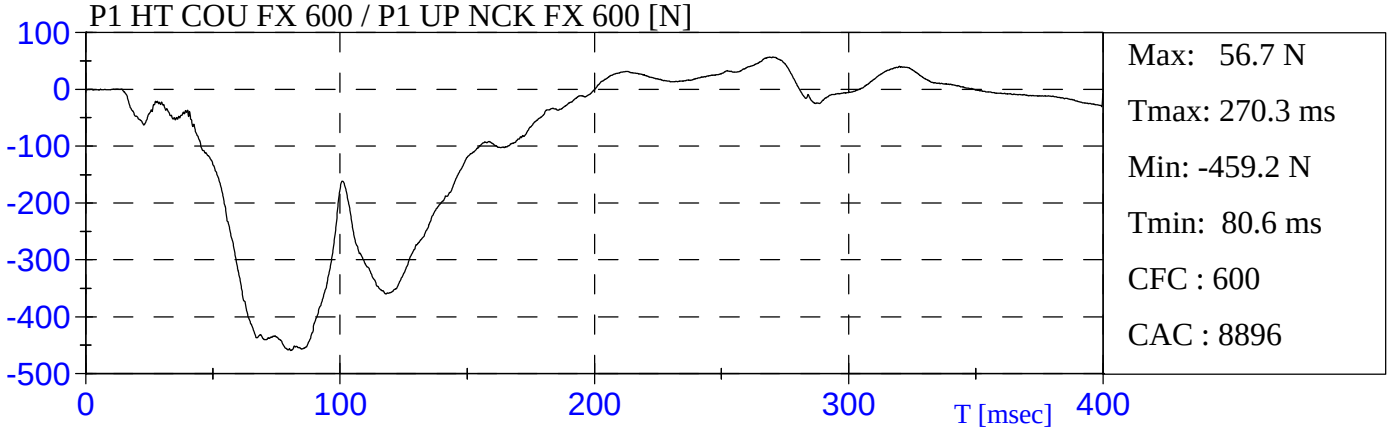
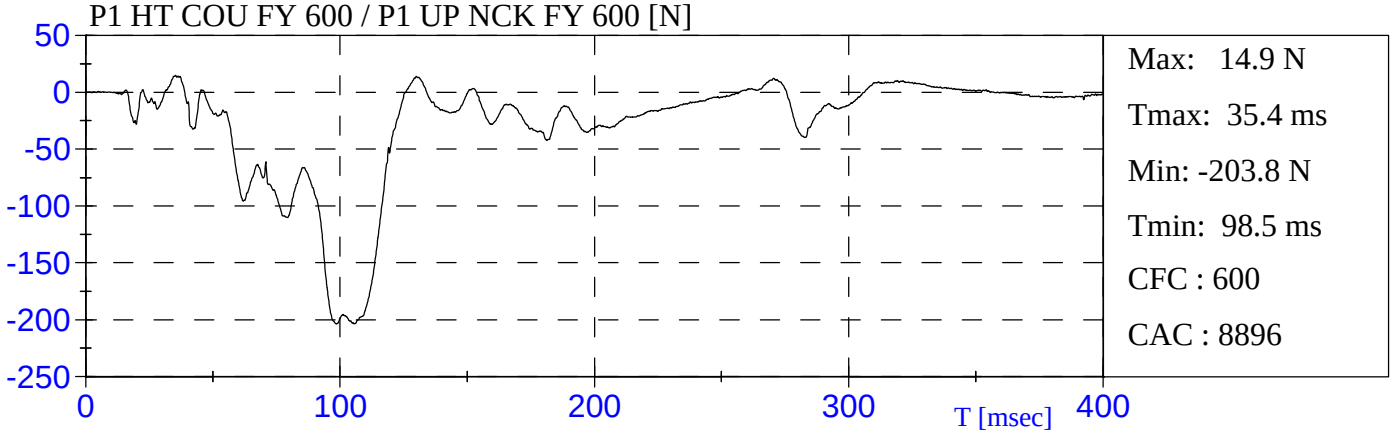
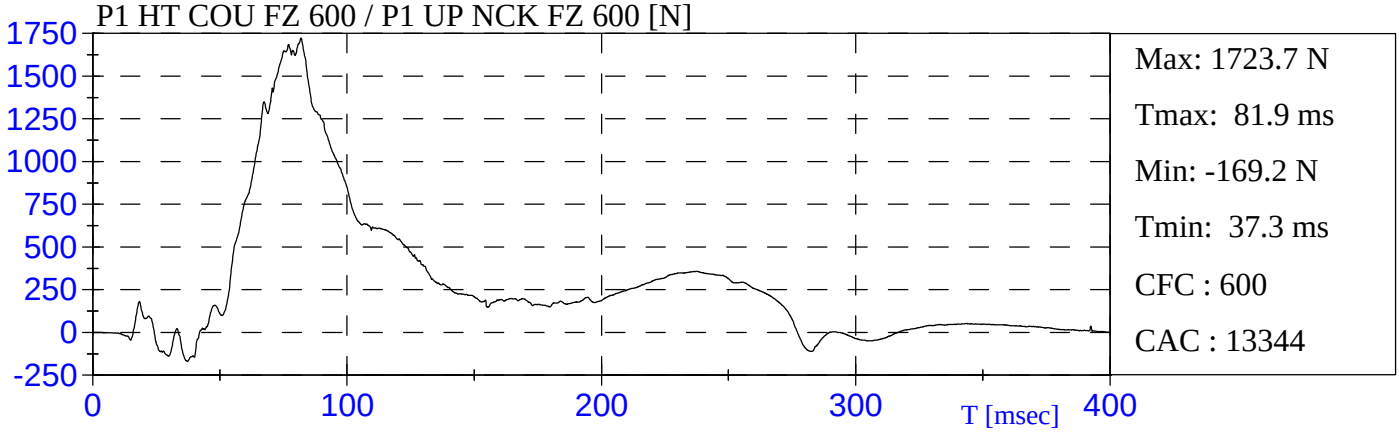
P1 HT COU FX 600 / P1 UP NCK FX 600 [N]



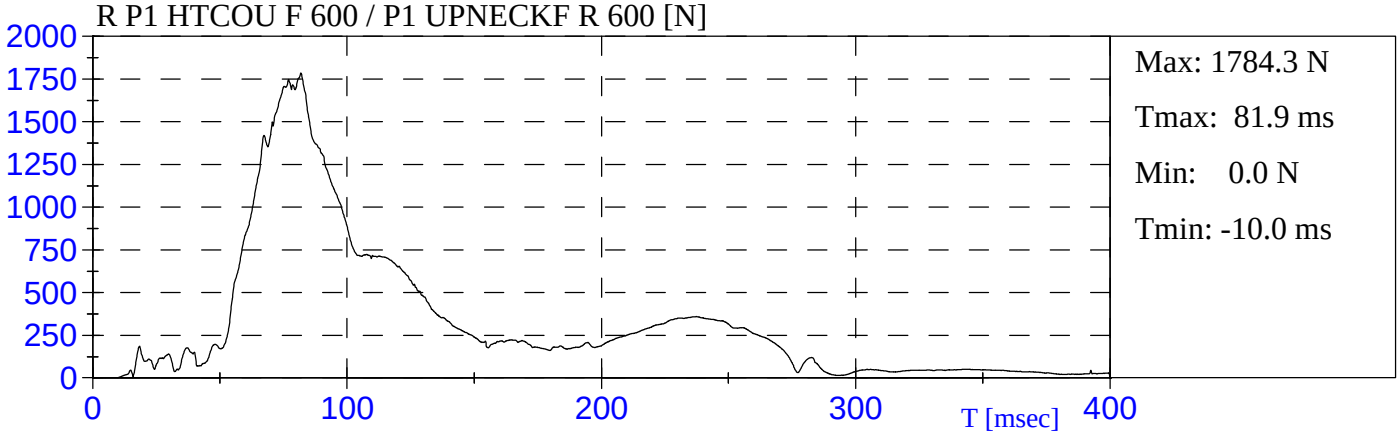
P1 HT COU FY 600 / P1 UP NCK FY 600 [N]



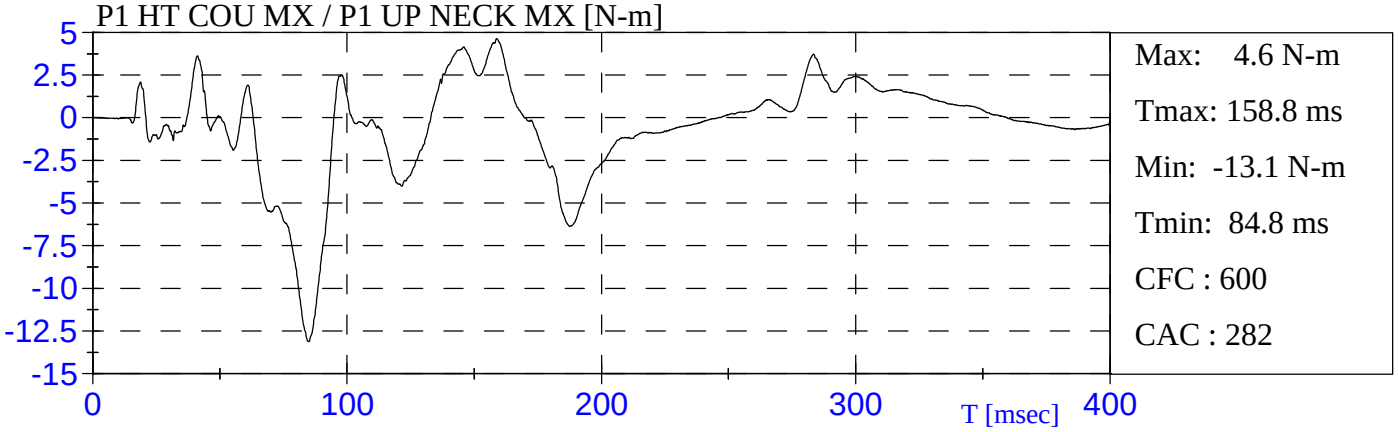
P1 HT COU FZ 600 / P1 UP NCK FZ 600 [N]



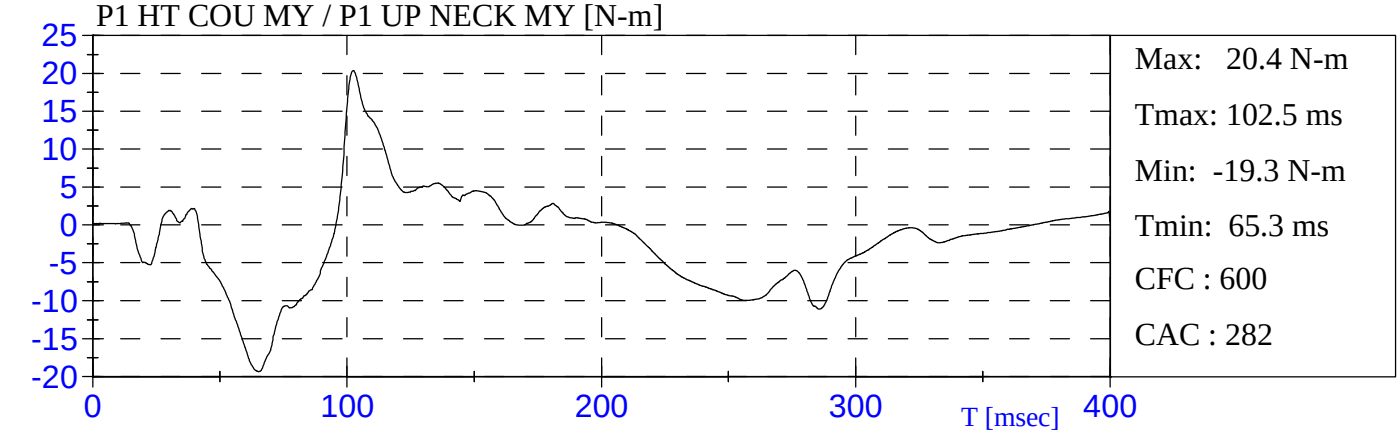
R P1 HTCOU F 600 / P1 UPNECKF R 600 [N]



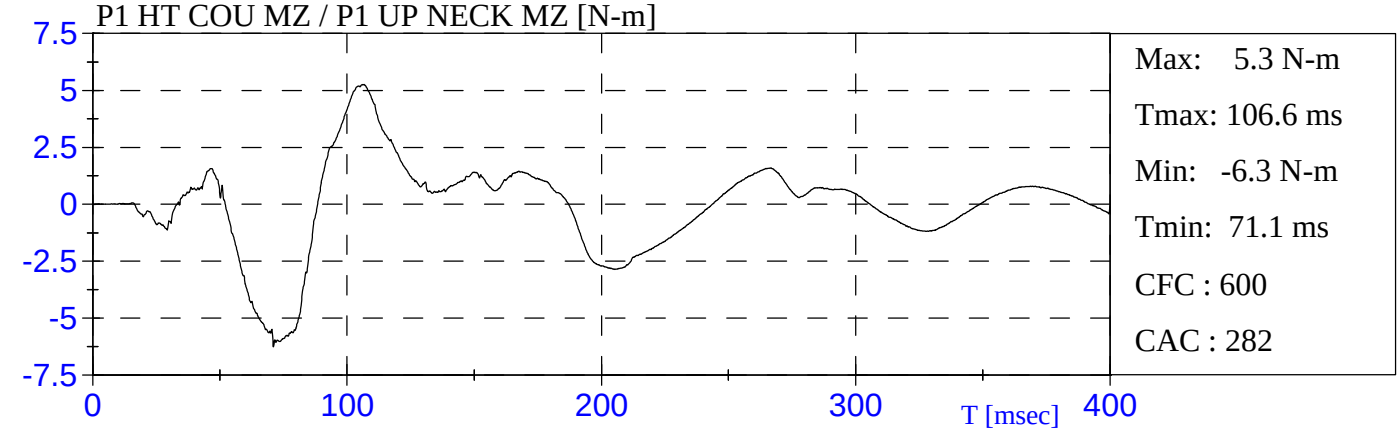
P1 HT COU MX / P1 UP NECK MX [N-m]



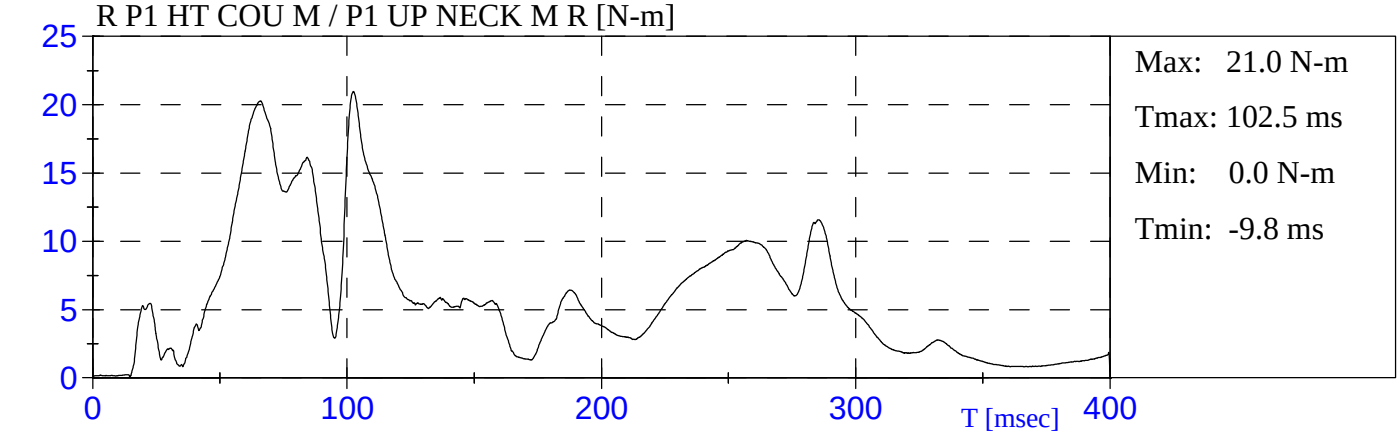
P1 HT COU MY / P1 UP NECK MY [N-m]



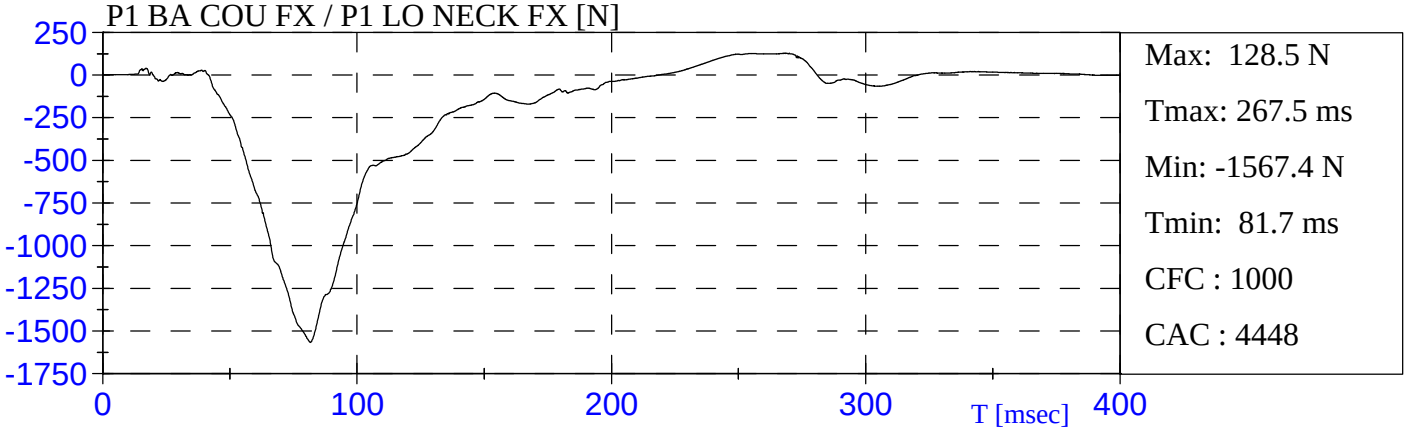
P1 HT COU MZ / P1 UP NECK MZ [N-m]



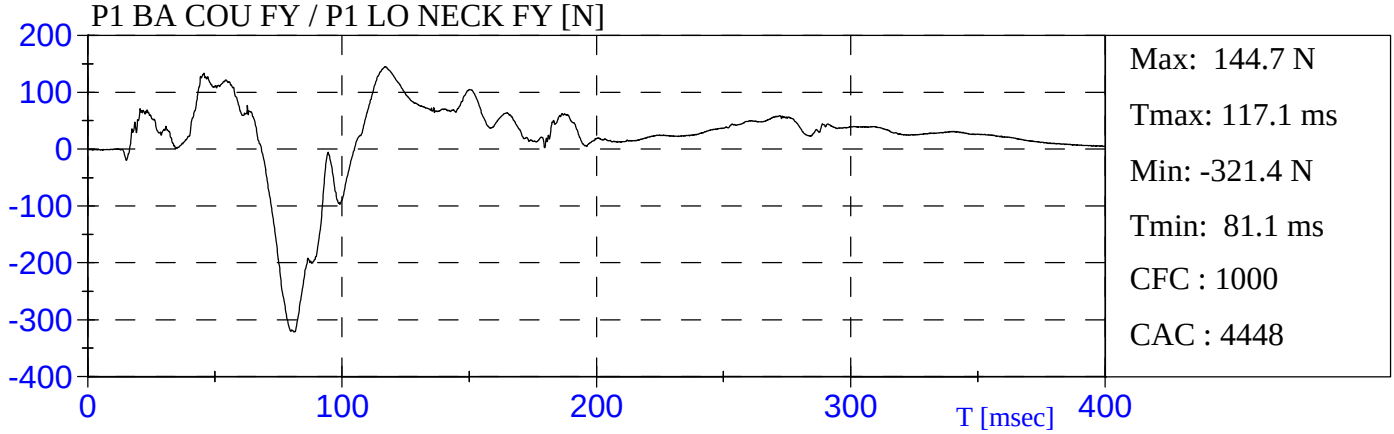
R P1 HT COU M / P1 UP NECK M R [N-m]



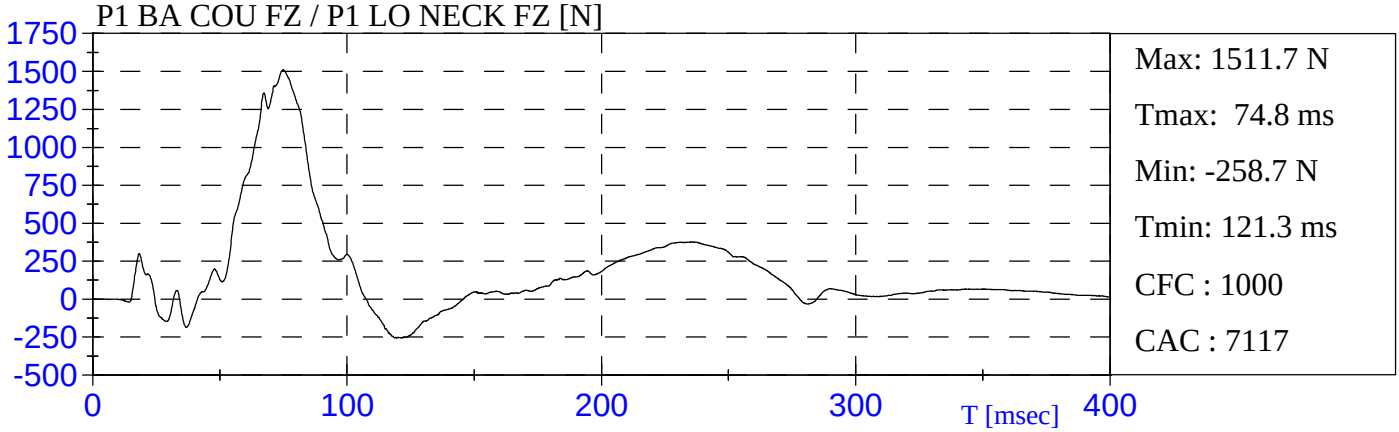
P1 BA COU FX / P1 LO NECK FX [N]



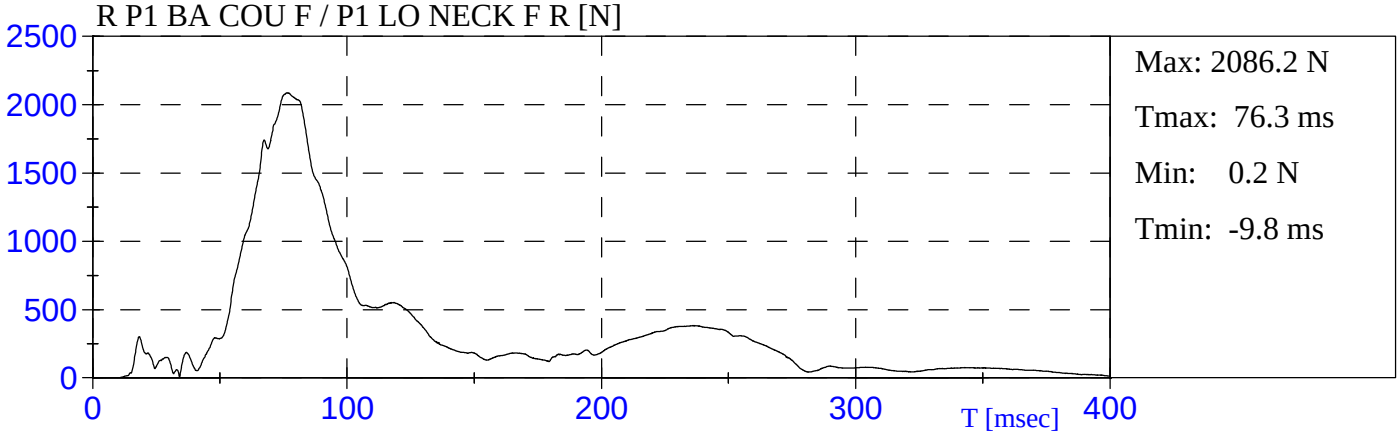
P1 BA COU FY / P1 LO NECK FY [N]



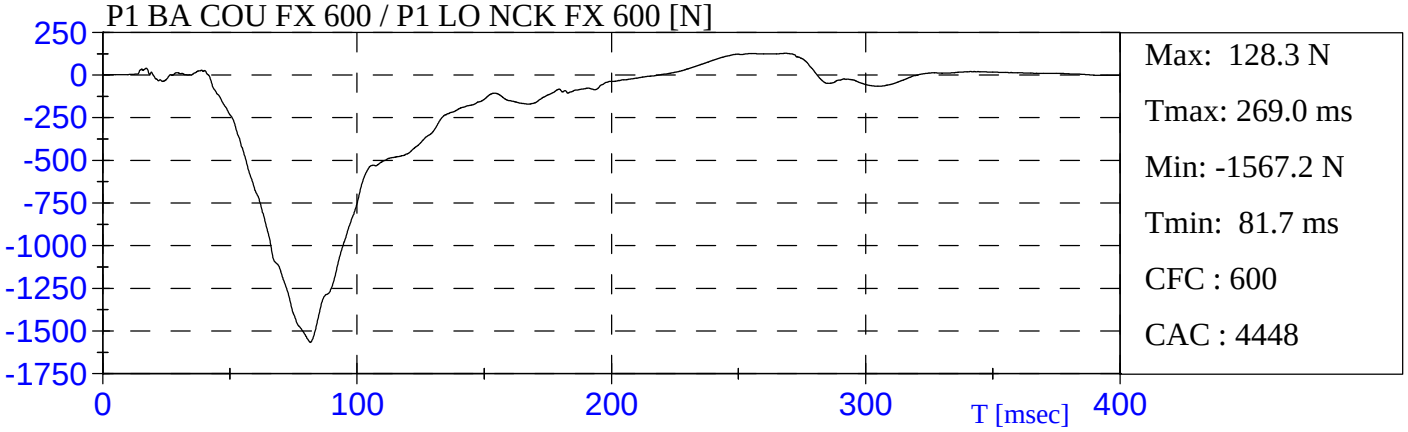
P1 BA COU FZ / P1 LO NECK FZ [N]



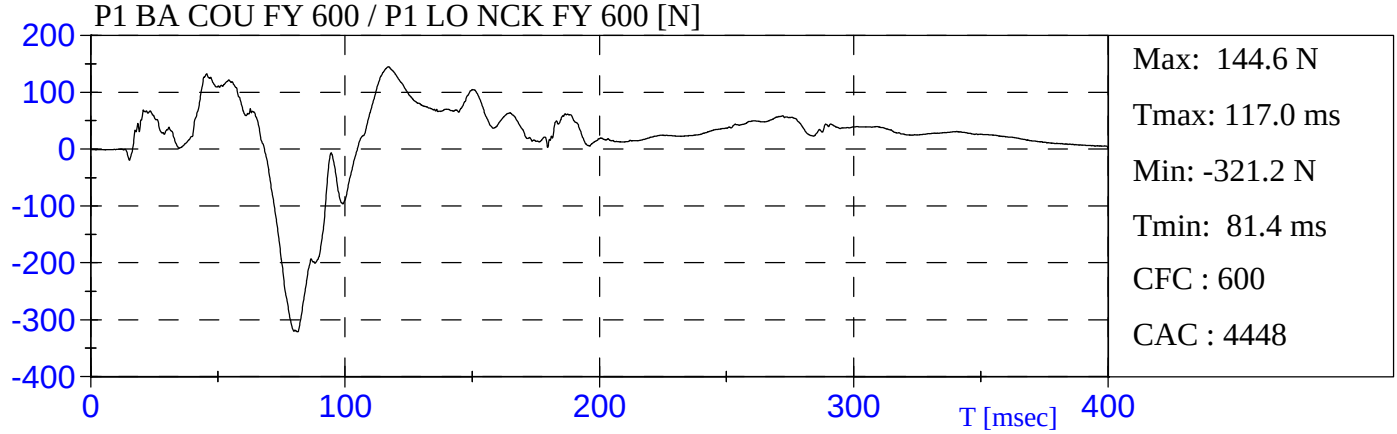
R P1 BA COU F / P1 LO NECK F R [N]



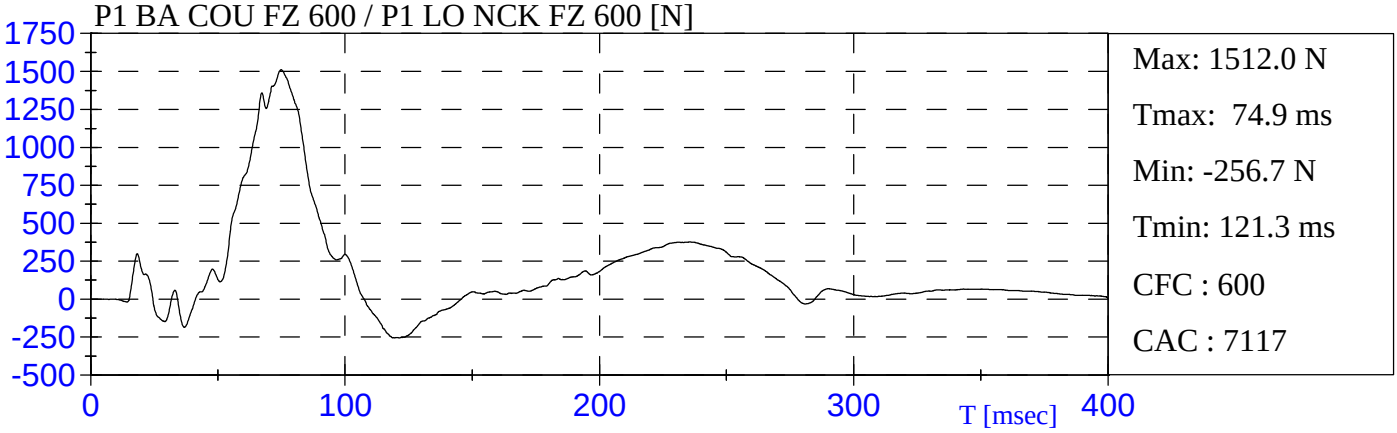
P1 BA COU FX 600 / P1 LO NCK FX 600 [N]



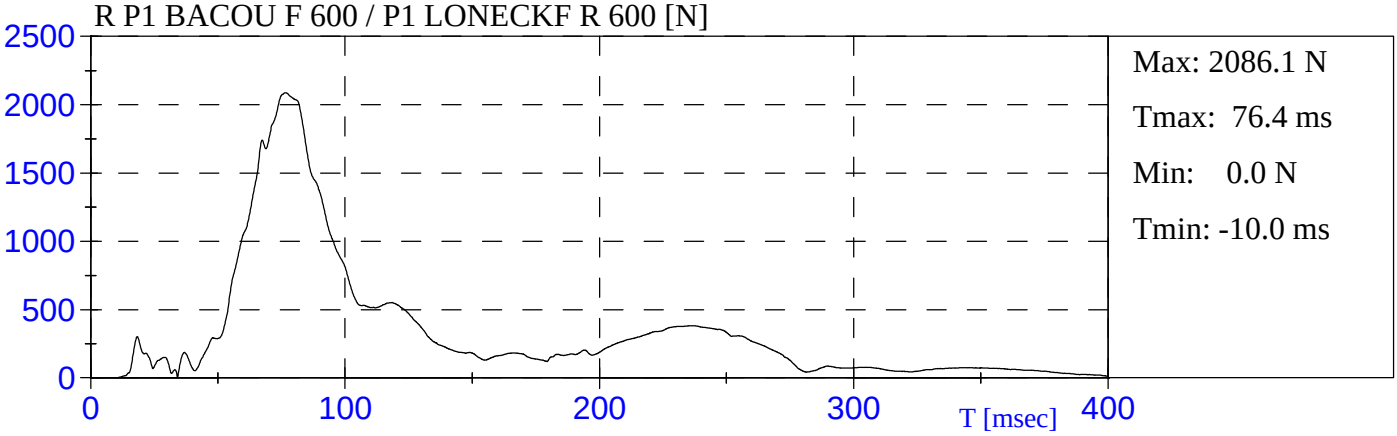
P1 BA COU FY 600 / P1 LO NCK FY 600 [N]



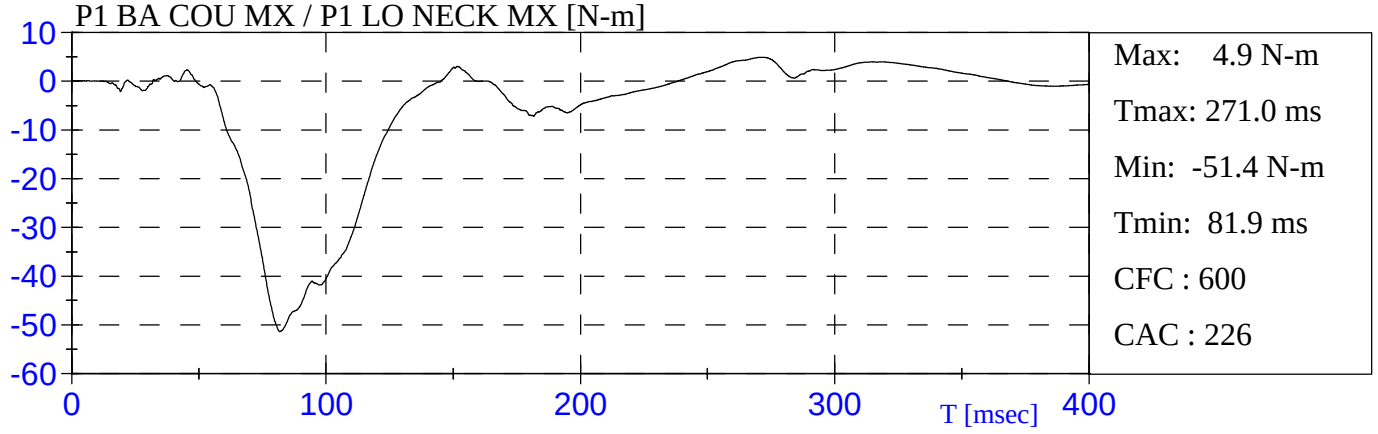
P1 BA COU FZ 600 / P1 LO NCK FZ 600 [N]



R P1 BACOU F 600 / P1 LONECKF R 600 [N]

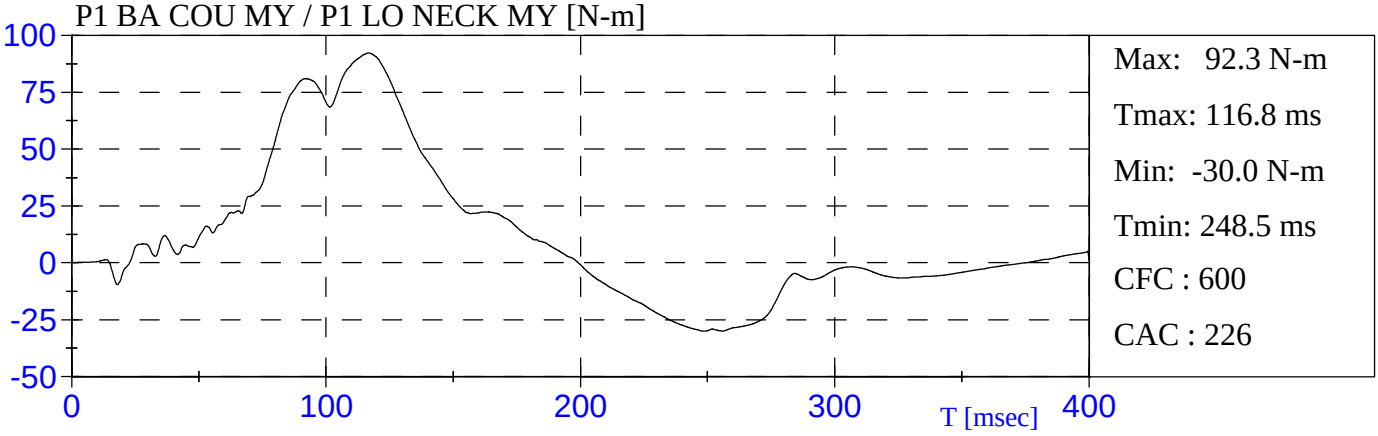


P1 BA COU MX / P1 LO NECK MX [N-m]



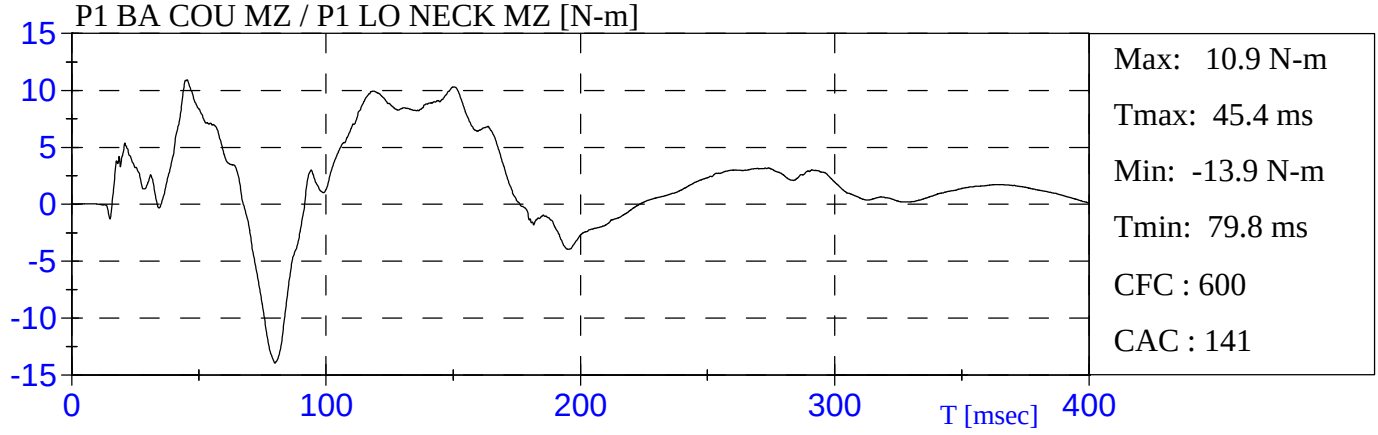
Max: 4.9 N-m
Tmax: 271.0 ms
Min: -51.4 N-m
Tmin: 81.9 ms
CFC : 600
CAC : 226

P1 BA COU MY / P1 LO NECK MY [N-m]



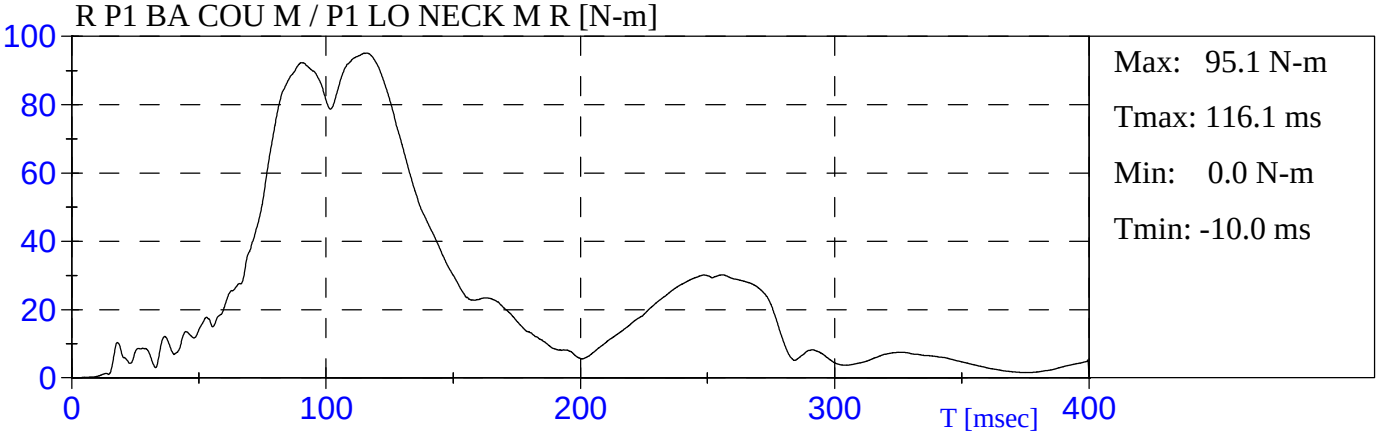
Max: 92.3 N-m
Tmax: 116.8 ms
Min: -30.0 N-m
Tmin: 248.5 ms
CFC : 600
CAC : 226

P1 BA COU MZ / P1 LO NECK MZ [N-m]



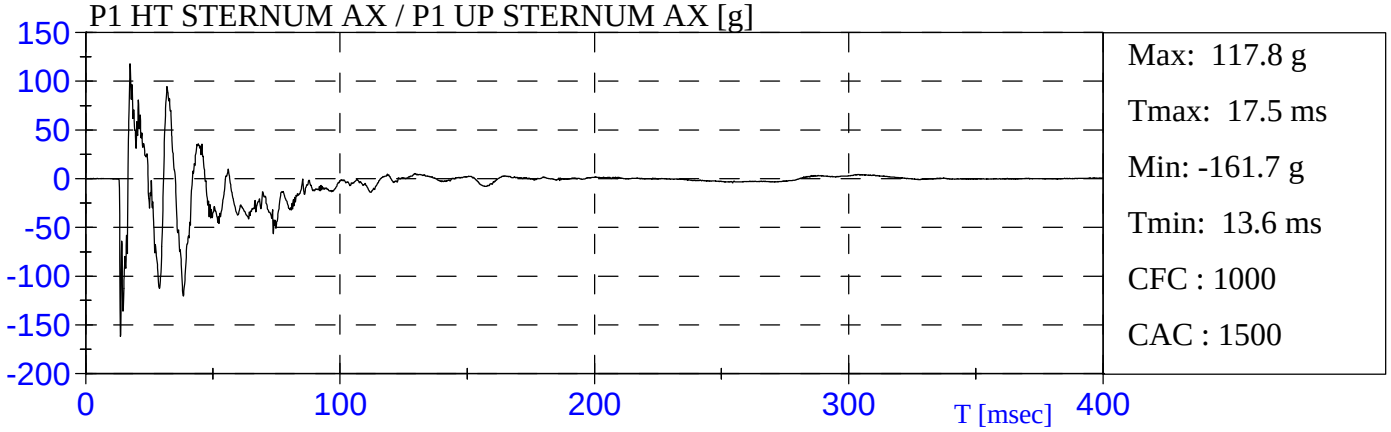
Max: 10.9 N-m
Tmax: 45.4 ms
Min: -13.9 N-m
Tmin: 79.8 ms
CFC : 600
CAC : 141

R P1 BA COU M / P1 LO NECK M R [N-m]

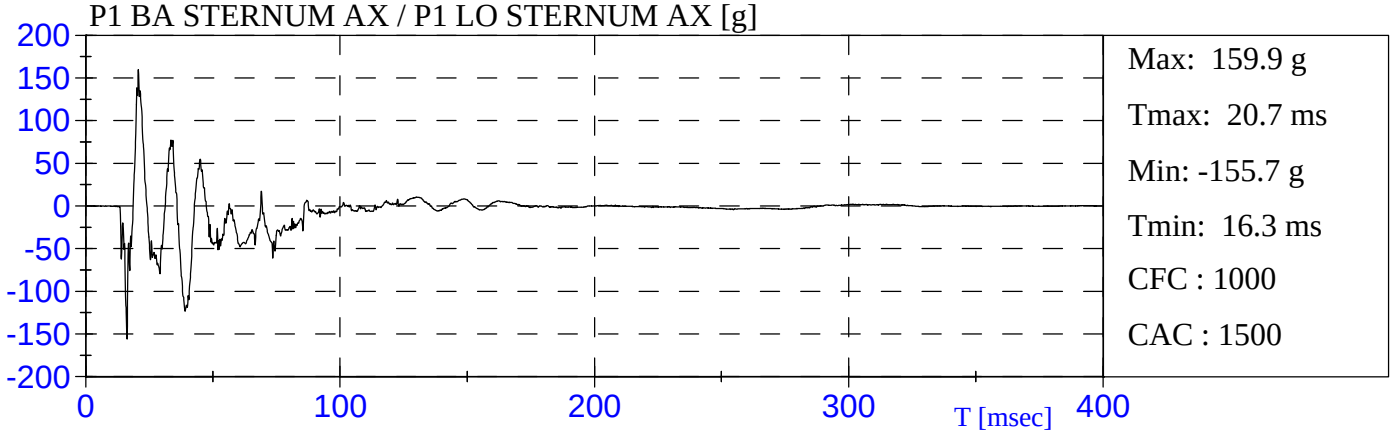


Max: 95.1 N-m
Tmax: 116.1 ms
Min: 0.0 N-m
Tmin: -10.0 ms

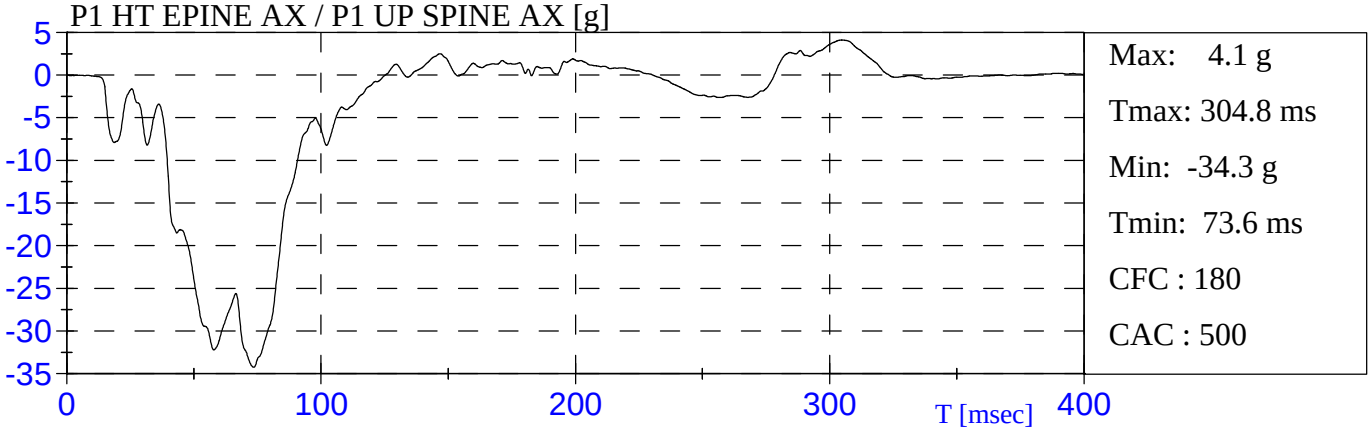
P1 HT STERNUM AX / P1 UP STERNUM AX [g]



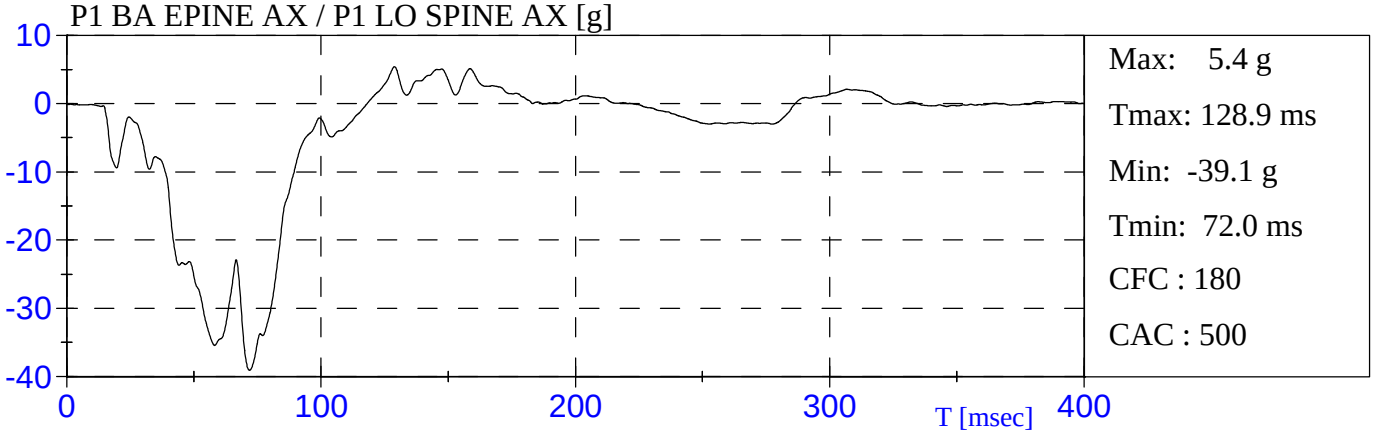
P1 BA STERNUM AX / P1 LO STERNUM AX [g]



P1 HT EPINE AX / P1 UP SPINE AX [g]



P1 BA EPINE AX / P1 LO SPINE AX [g]



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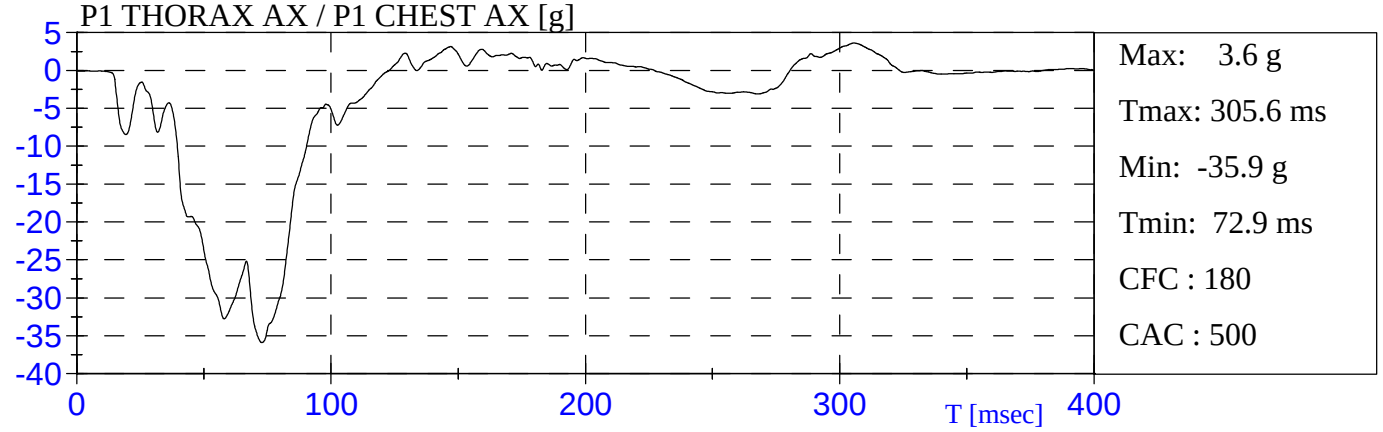
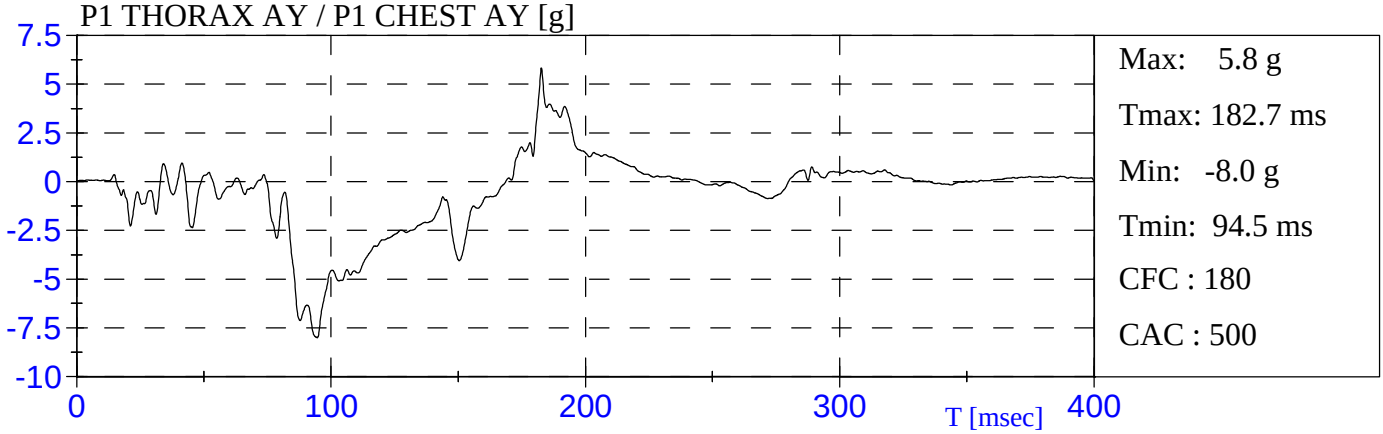
P1 THORAX AX / P1 CHEST AX [g]



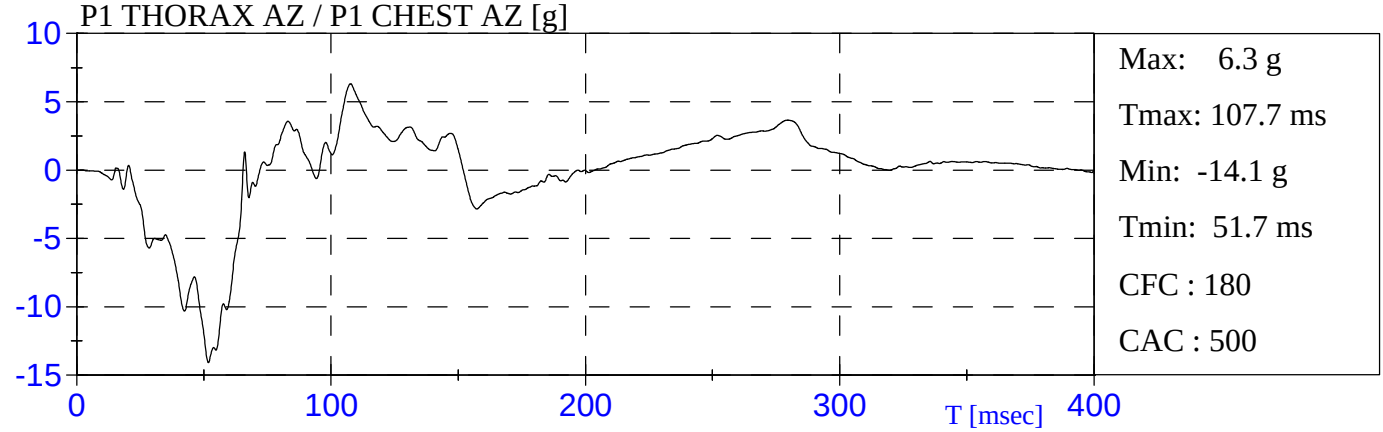
Max: 3.6 g
Tmax: 305.6 ms
Min: -35.9 g
Tmin: 72.9 ms
CFC : 180
CAC : 500

P1 THORAX AY / P1 CHEST AY [g]



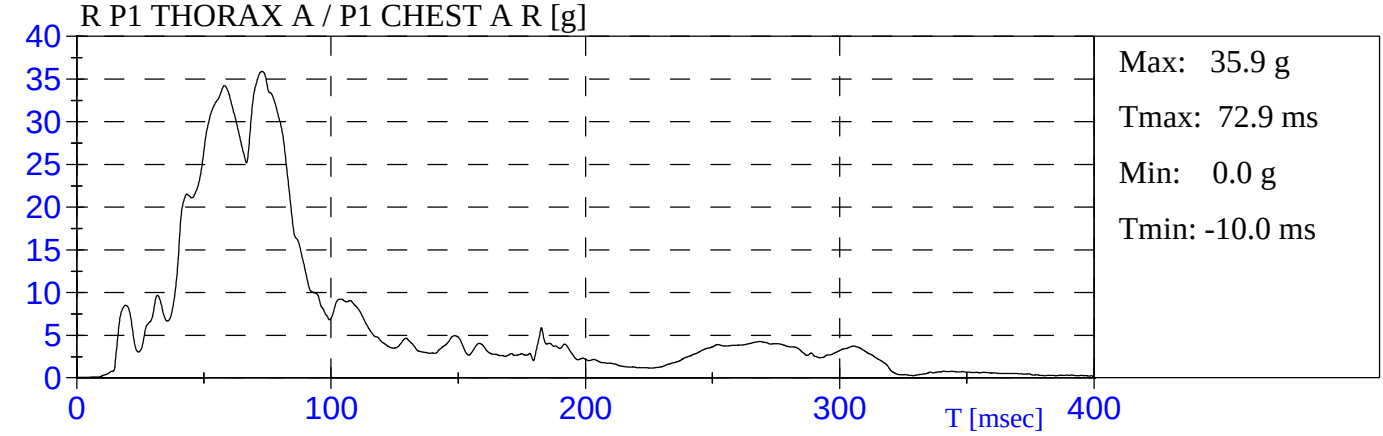
Max: 5.8 g
Tmax: 182.7 ms
Min: -8.0 g
Tmin: 94.5 ms
CFC : 180
CAC : 500

P1 THORAX AZ / P1 CHEST AZ [g]

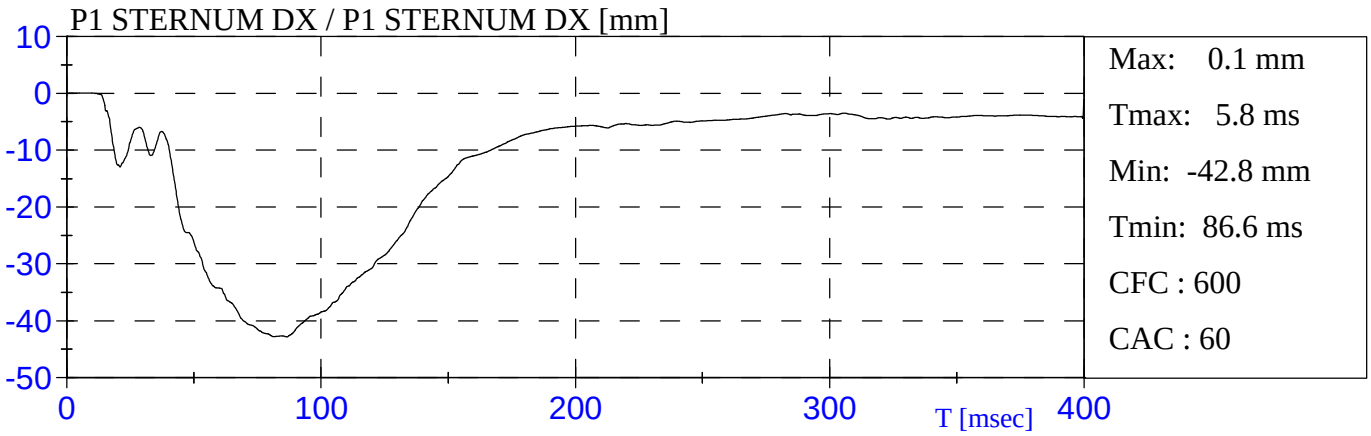


Max: 6.3 g
Tmax: 107.7 ms
Min: -14.1 g
Tmin: 51.7 ms
CFC : 180
CAC : 500

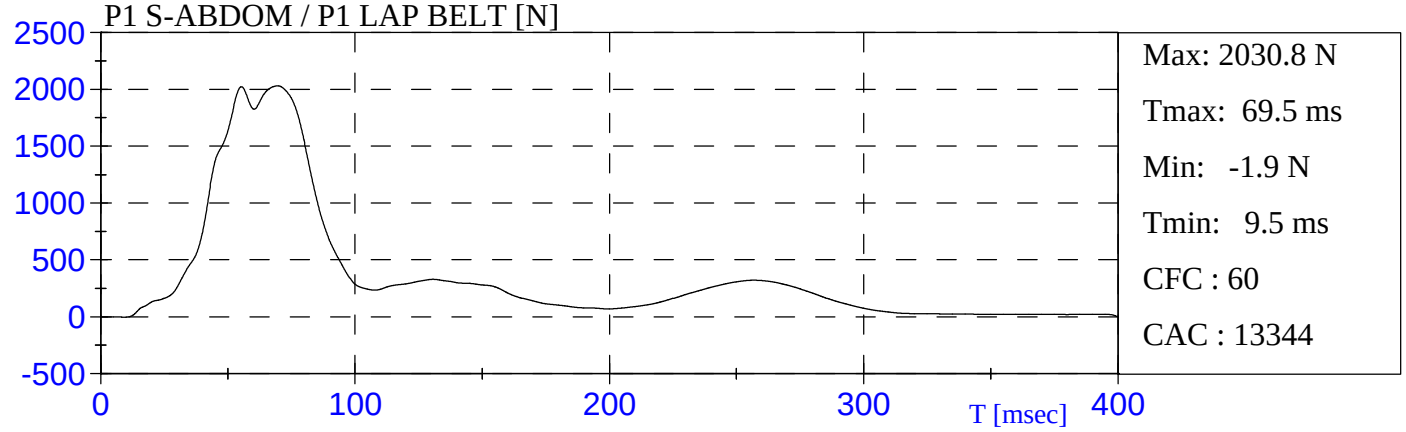
R P1 THORAX A / P1 CHEST A R [g]



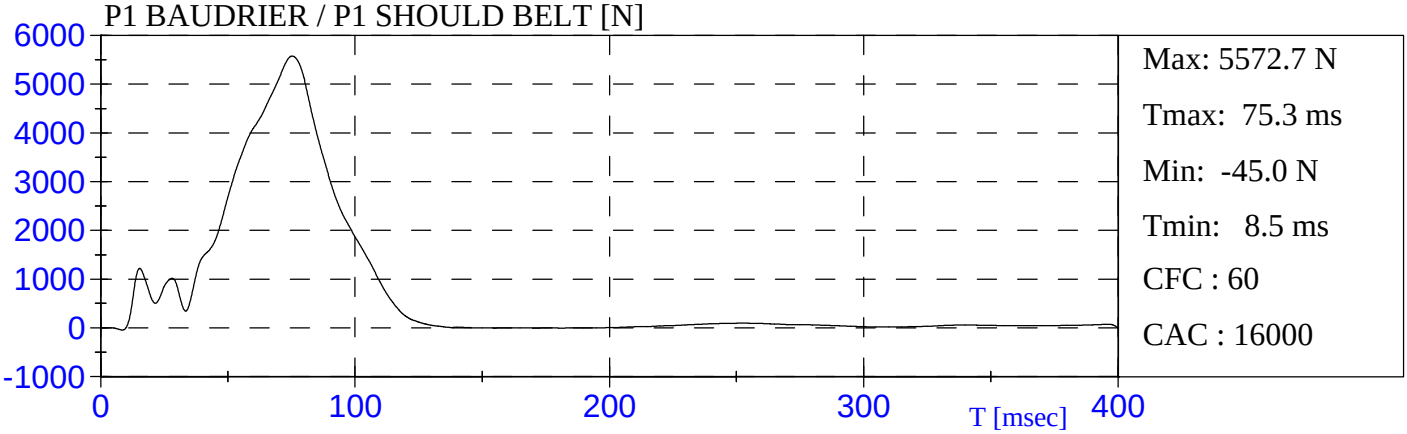
Max: 35.9 g
Tmax: 72.9 ms
Min: 0.0 g
Tmin: -10.0 ms

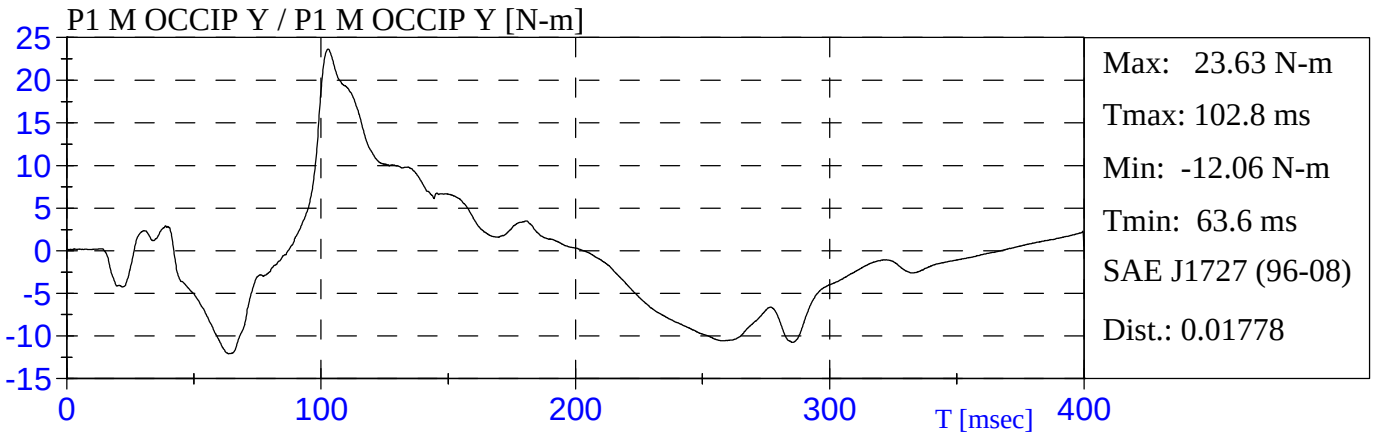

P1 STERNUM DX / P1 STERNUM DX [mm]
10
0
-10
-20
-30
-40
-50
0
100
200
300
400
T [msec]
Max: 0.1 mm
Tmax: 5.8 ms
Min: -42.8 mm
Tmin: 86.6 ms
CFC : 600
CAC : 60

P1 S-ABDOM / P1 LAP BELT [N]

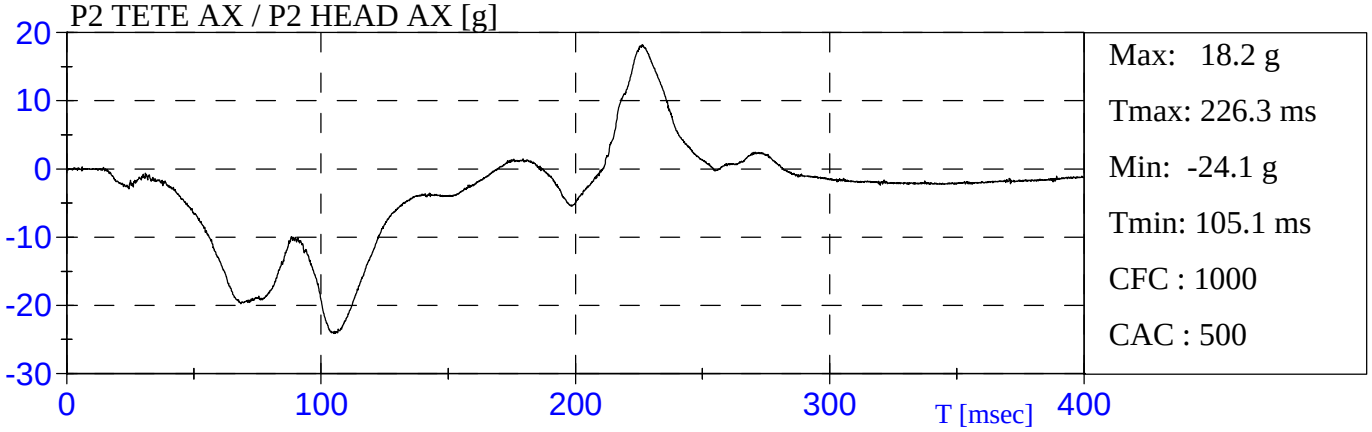


P1 BAUDRIER / P1 SHOULD BELT [N]

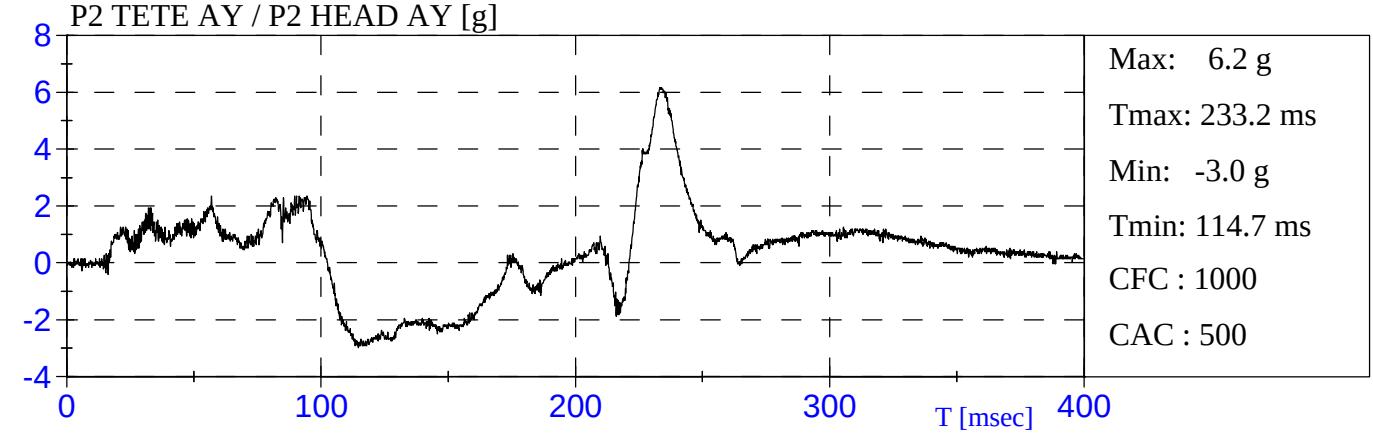



P1 M OCCIP Y / P1 M OCCIP Y [N-m]
25
20
15
10
5
0
-5
-10
-15
0
100
200
300
400
T [msec]
Max: 23.63 N-m
Tmax: 102.8 ms
Min: -12.06 N-m
Tmin: 63.6 ms
SAE J1727 (96-08)
Dist.: 0.01778

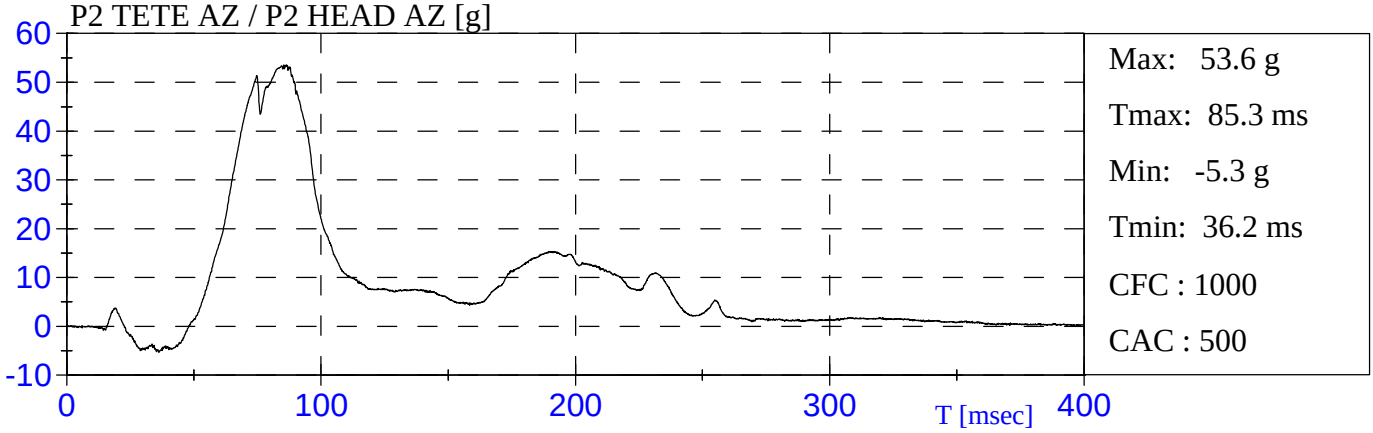
P2 TETE AX / P2 HEAD AX [g]



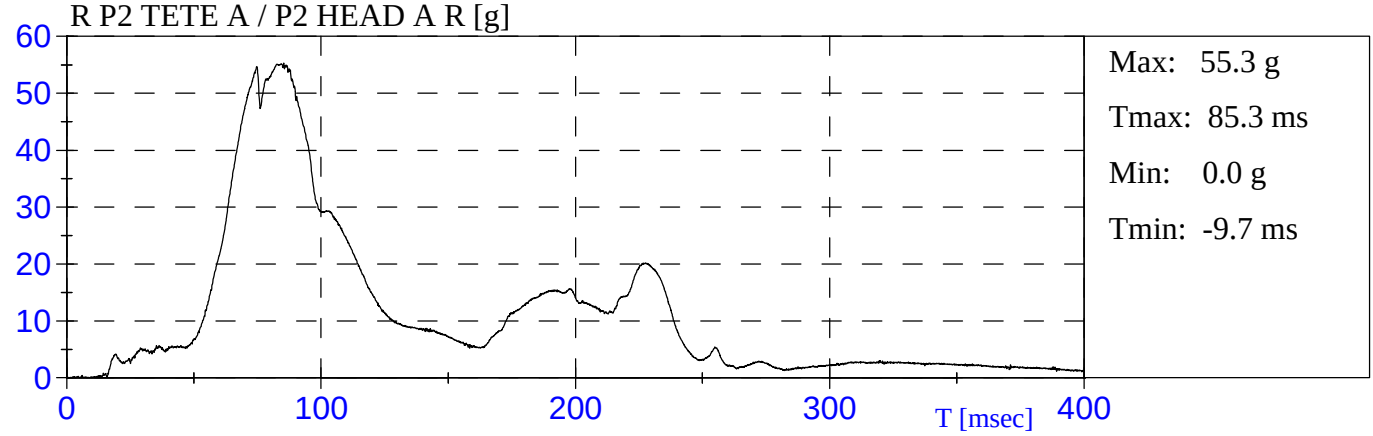
P2 TETE AY / P2 HEAD AY [g]



P2 TETE AZ / P2 HEAD AZ [g]



R P2 TETE A / P2 HEAD A R [g]



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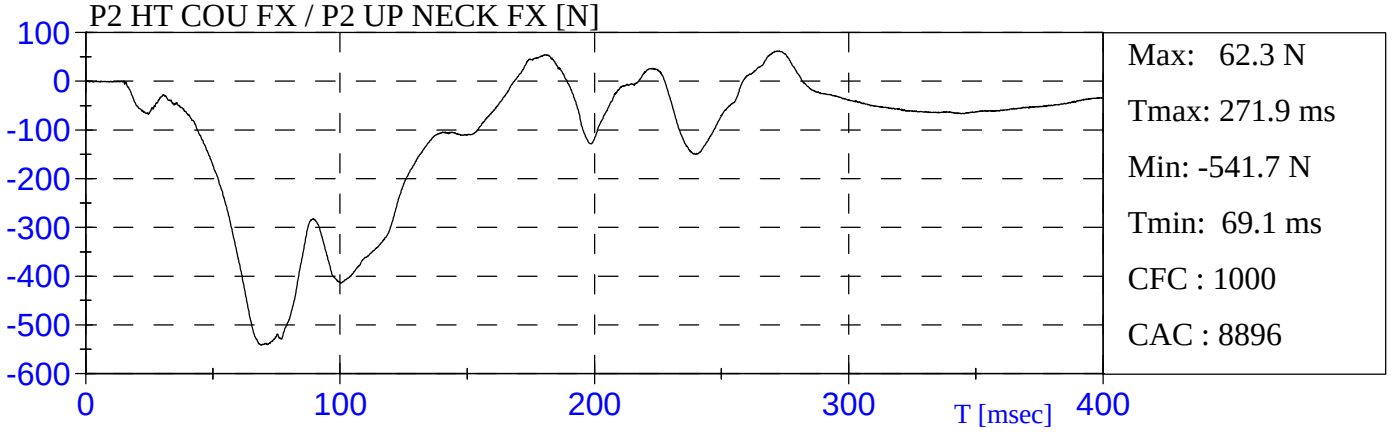
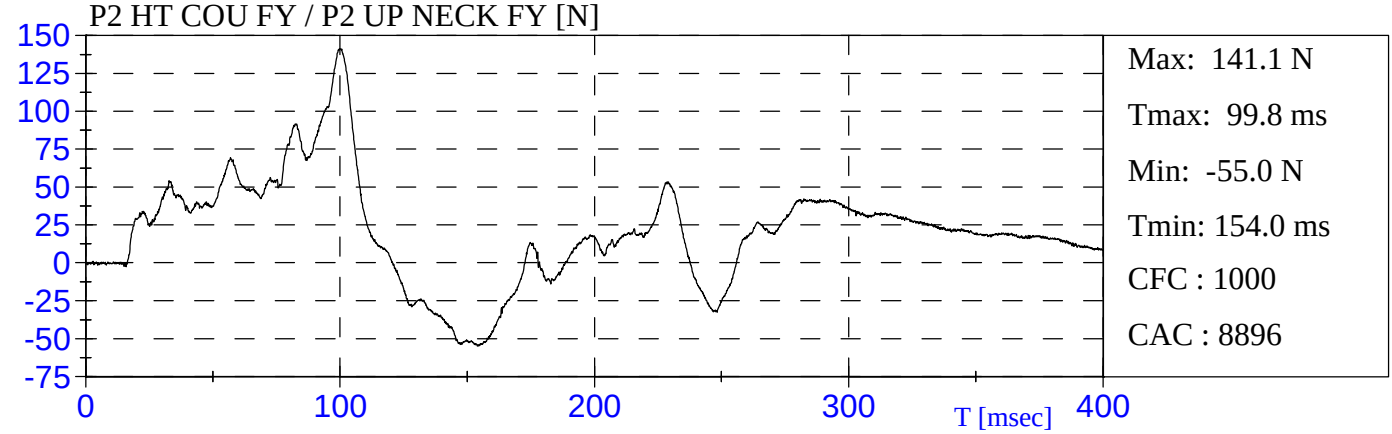
P2 HT COU FX / P2 UP NECK FX [N]



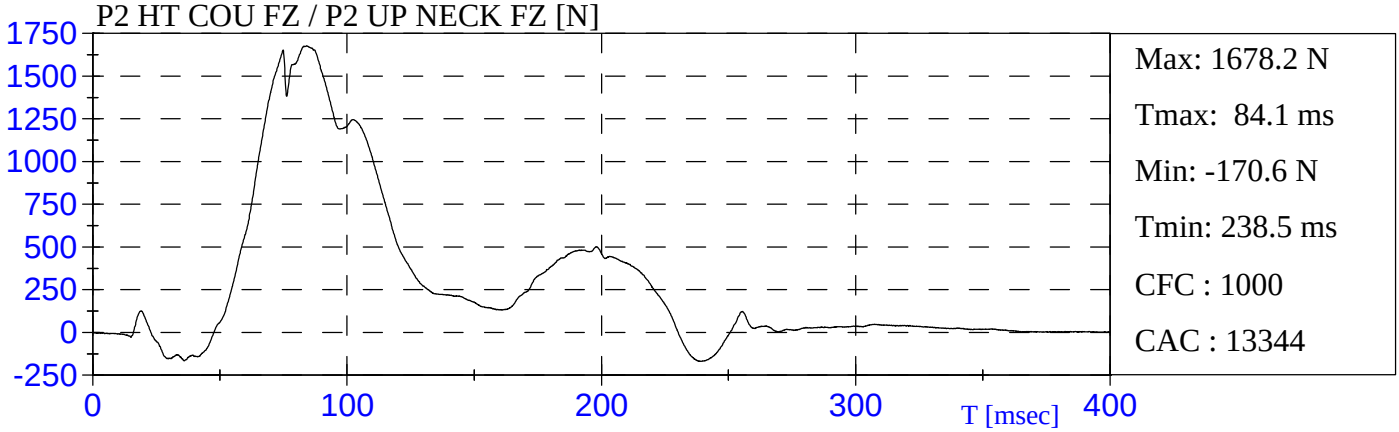
Max: 62.3 N
Tmax: 271.9 ms
Min: -541.7 N
Tmin: 69.1 ms
CFC : 1000
CAC : 8896

P2 HT COU FY / P2 UP NECK FY [N]



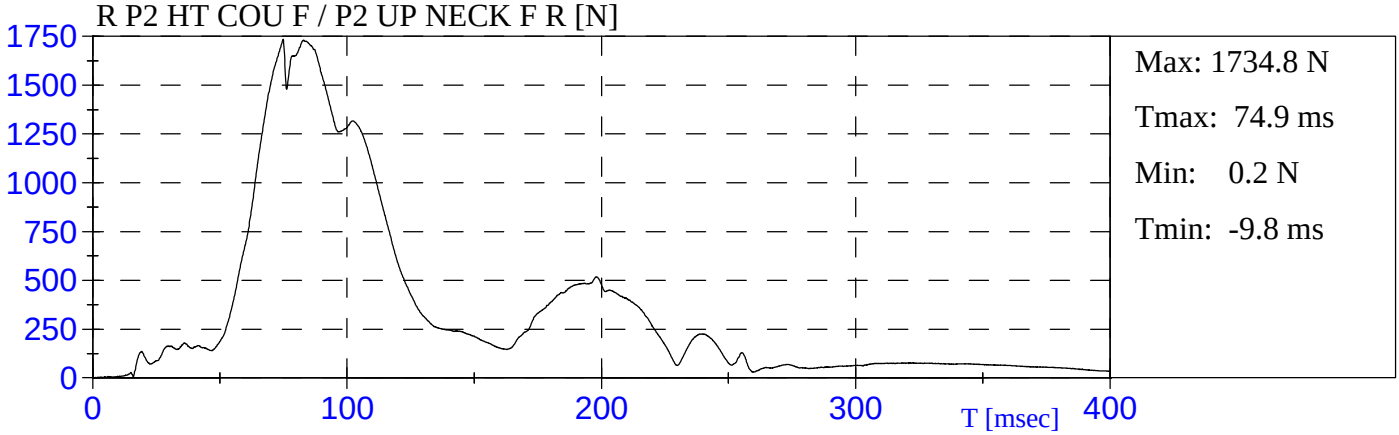
Max: 141.1 N
Tmax: 99.8 ms
Min: -55.0 N
Tmin: 154.0 ms
CFC : 1000
CAC : 8896

P2 HT COU FZ / P2 UP NECK FZ [N]



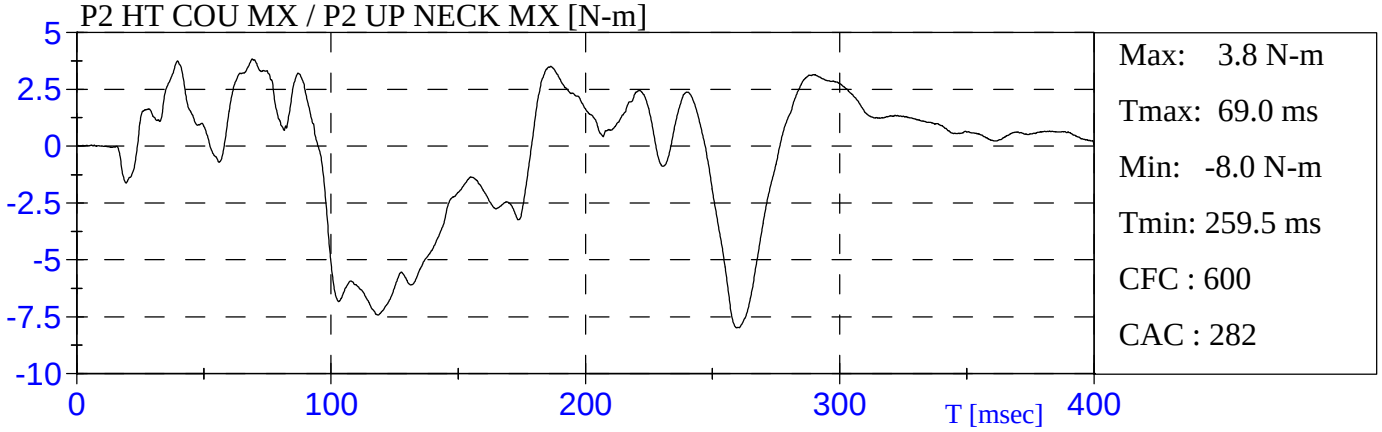
Max: 1678.2 N
Tmax: 84.1 ms
Min: -170.6 N
Tmin: 238.5 ms
CFC : 1000
CAC : 13344

R P2 HT COU F / P2 UP NECK F R [N]



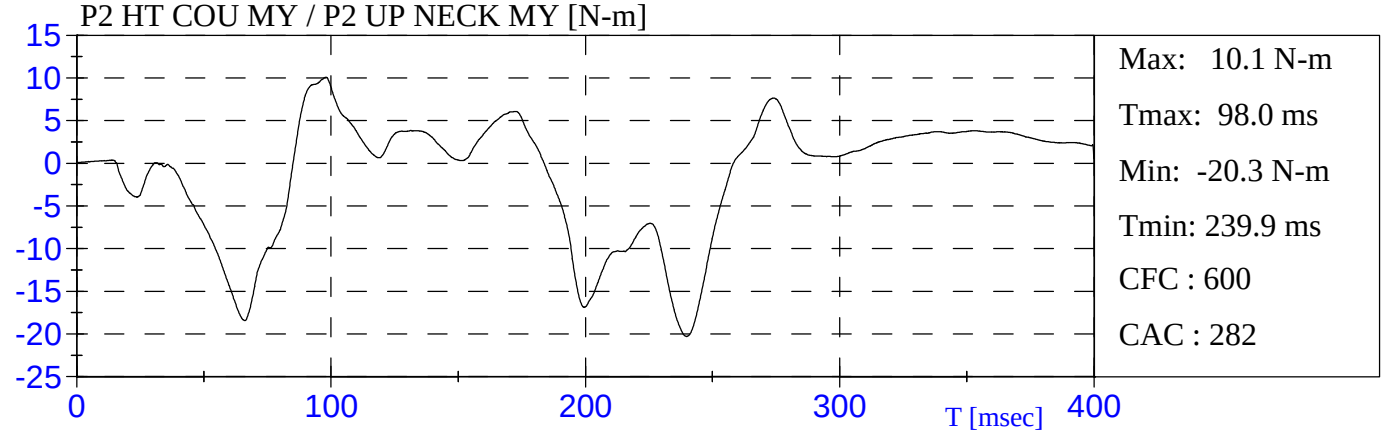
Max: 1734.8 N
Tmax: 74.9 ms
Min: 0.2 N
Tmin: -9.8 ms

P2 HT COU MX / P2 UP NECK MX [N-m]



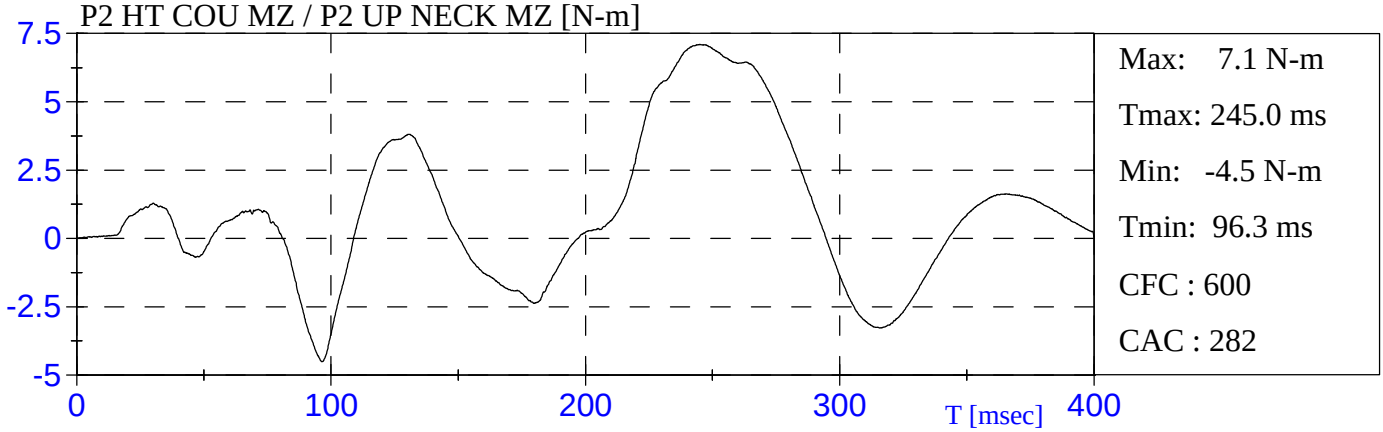
Max: 3.8 N-m
Tmax: 69.0 ms
Min: -8.0 N-m
Tmin: 259.5 ms
CFC : 600
CAC : 282

P2 HT COU MY / P2 UP NECK MY [N-m]



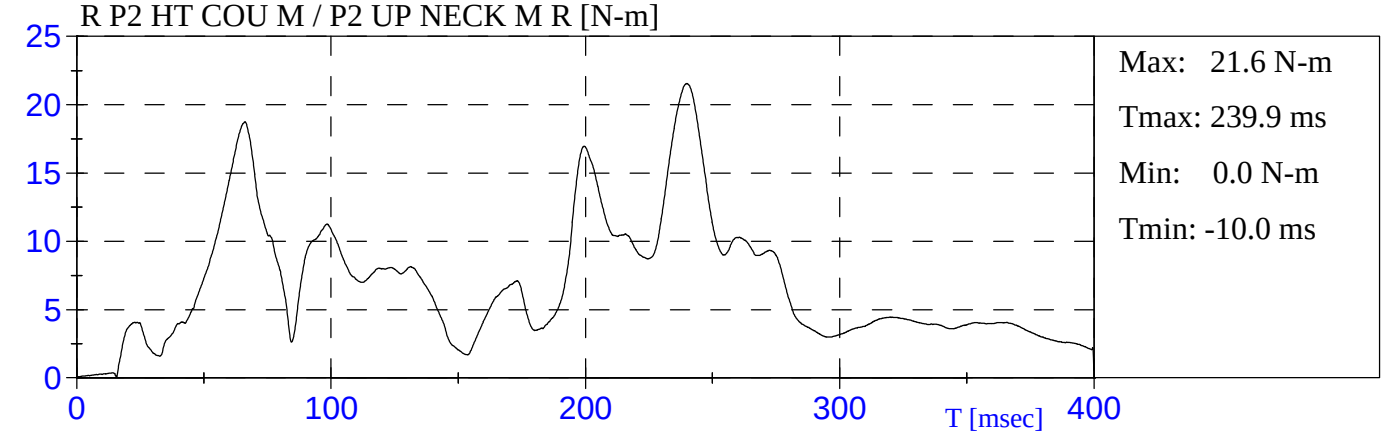
Max: 10.1 N-m
Tmax: 98.0 ms
Min: -20.3 N-m
Tmin: 239.9 ms
CFC : 600
CAC : 282

P2 HT COU MZ / P2 UP NECK MZ [N-m]



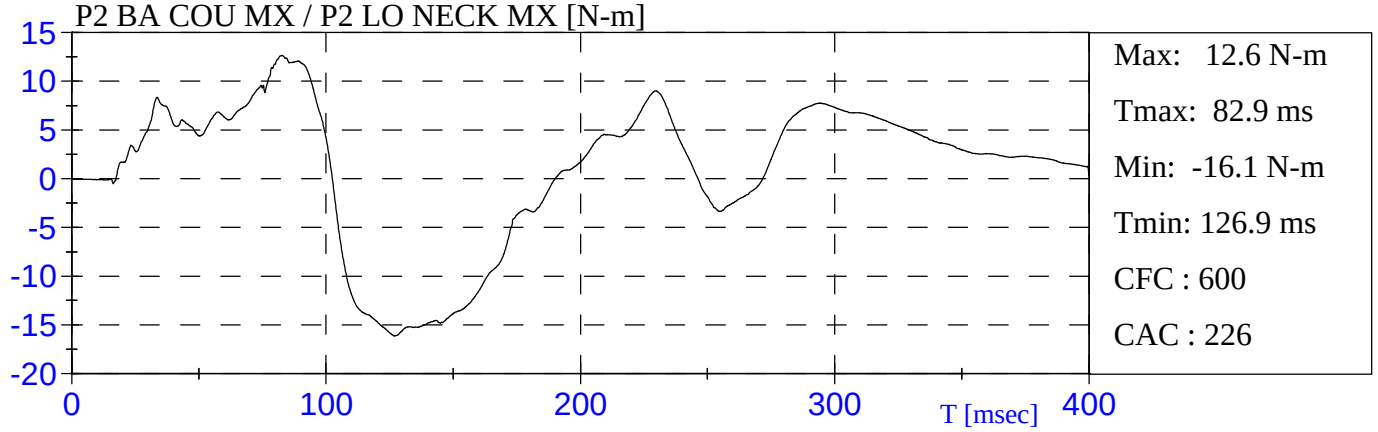
Max: 7.1 N-m
Tmax: 245.0 ms
Min: -4.5 N-m
Tmin: 96.3 ms
CFC : 600
CAC : 282

R P2 HT COU M / P2 UP NECK M R [N-m]

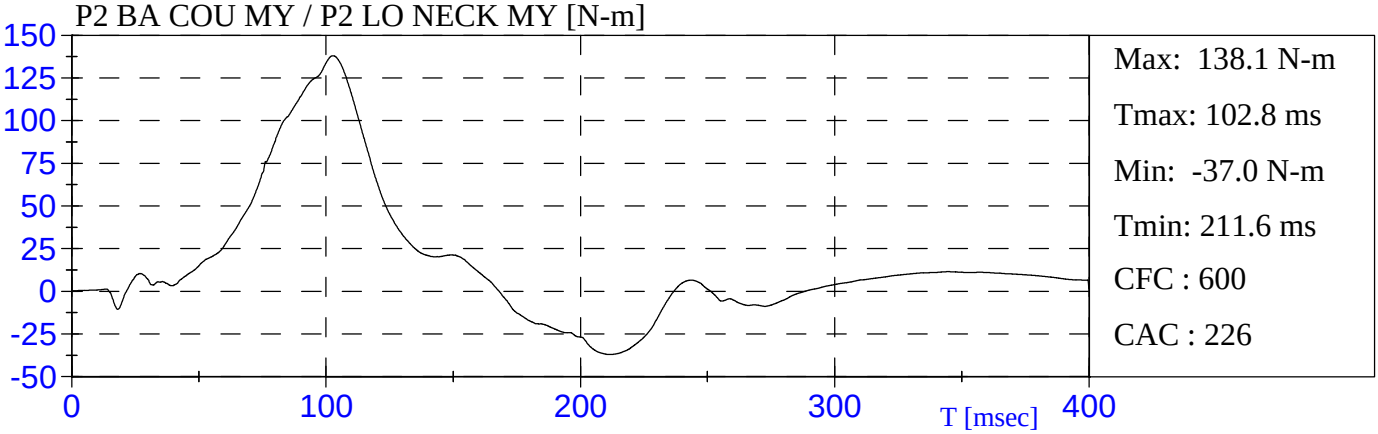


Max: 21.6 N-m
Tmax: 239.9 ms
Min: 0.0 N-m
Tmin: -10.0 ms

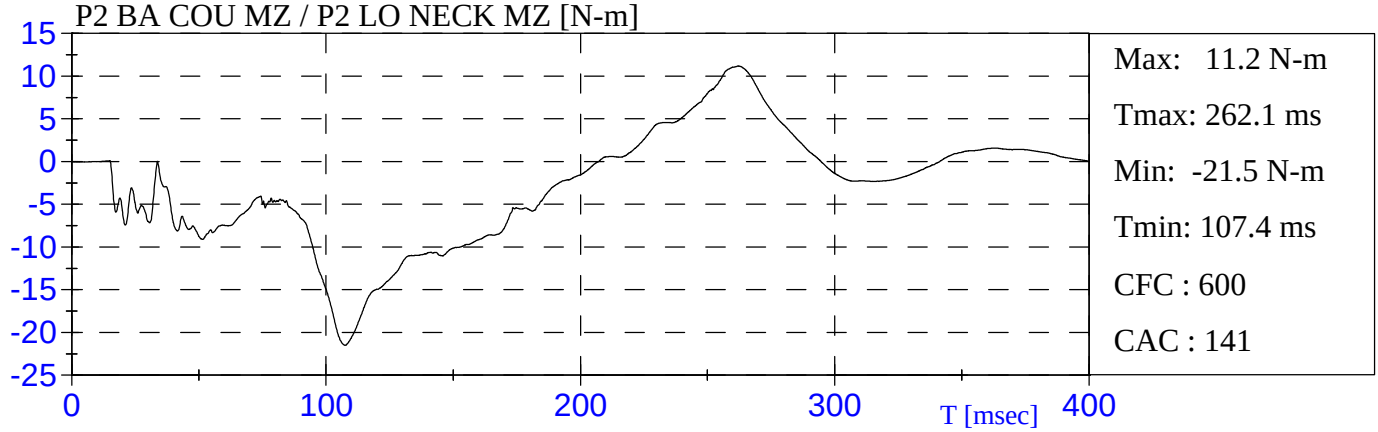
P2 BA COU MX / P2 LO NECK MX [N-m]



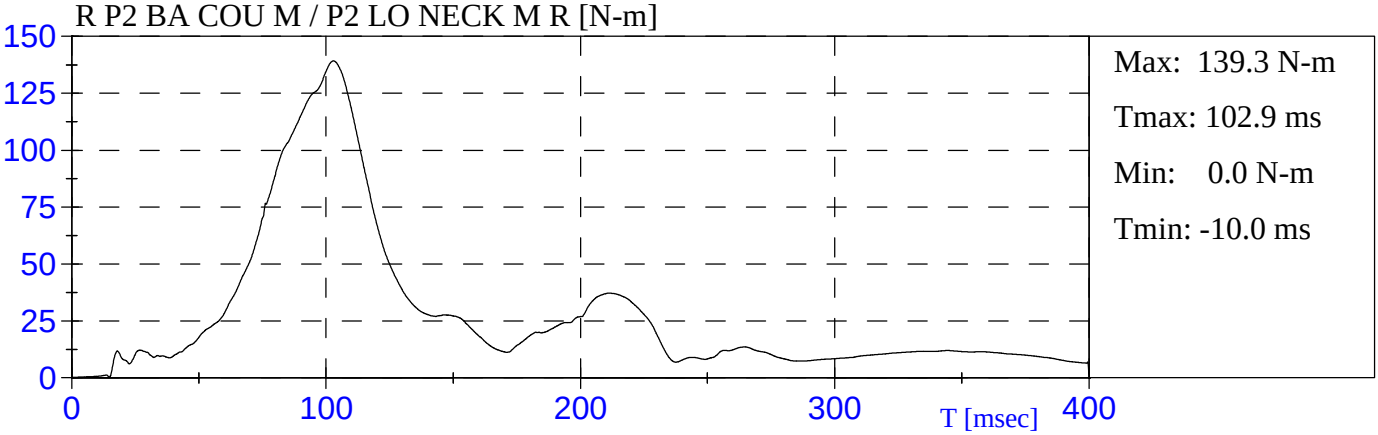
P2 BA COU MY / P2 LO NECK MY [N-m]



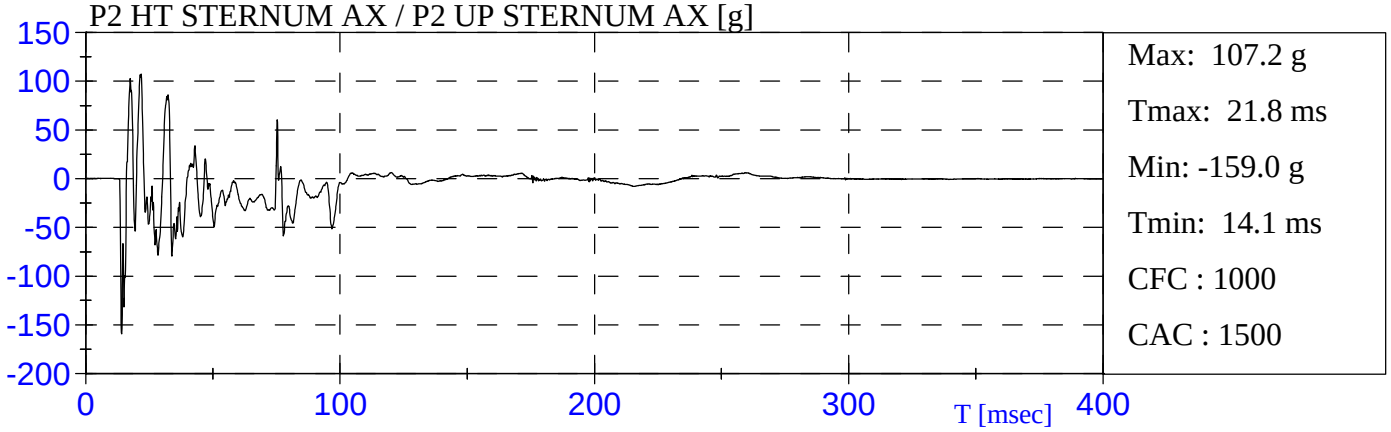
P2 BA COU MZ / P2 LO NECK MZ [N-m]



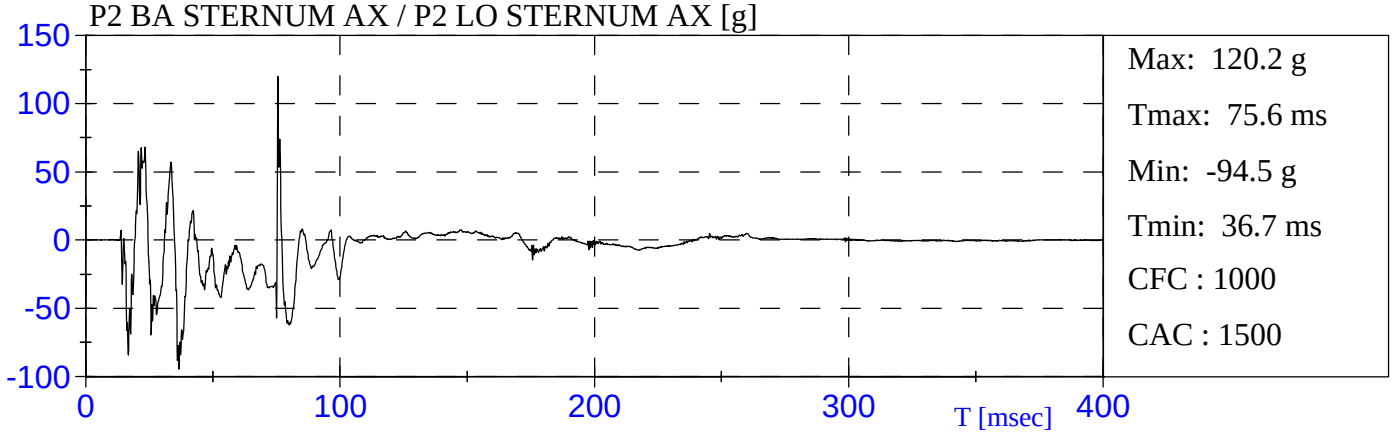
R P2 BA COU M / P2 LO NECK M R [N-m]



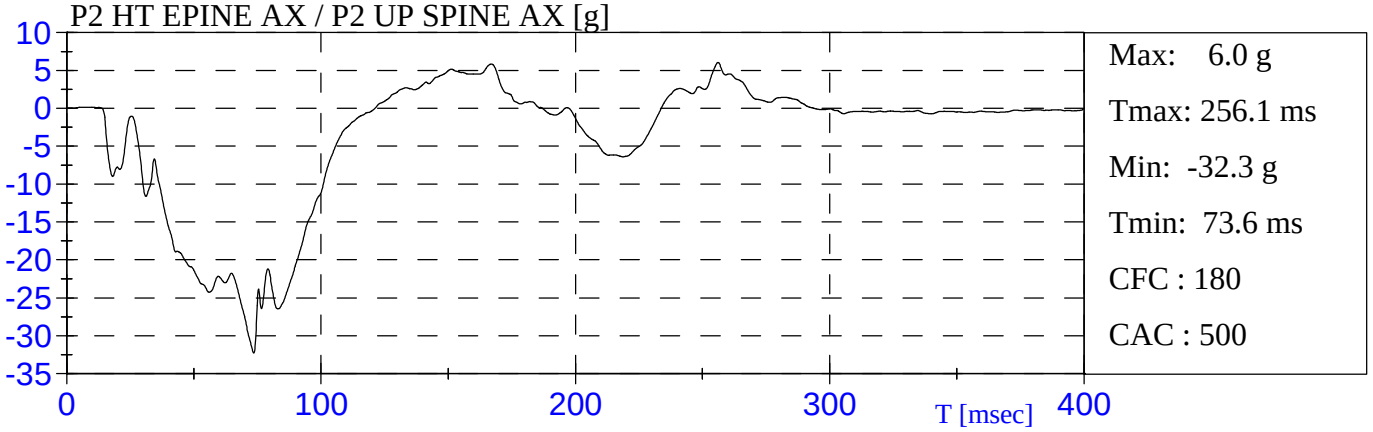
P2 HT STERNUM AX / P2 UP STERNUM AX [g]



P2 BA STERNUM AX / P2 LO STERNUM AX [g]

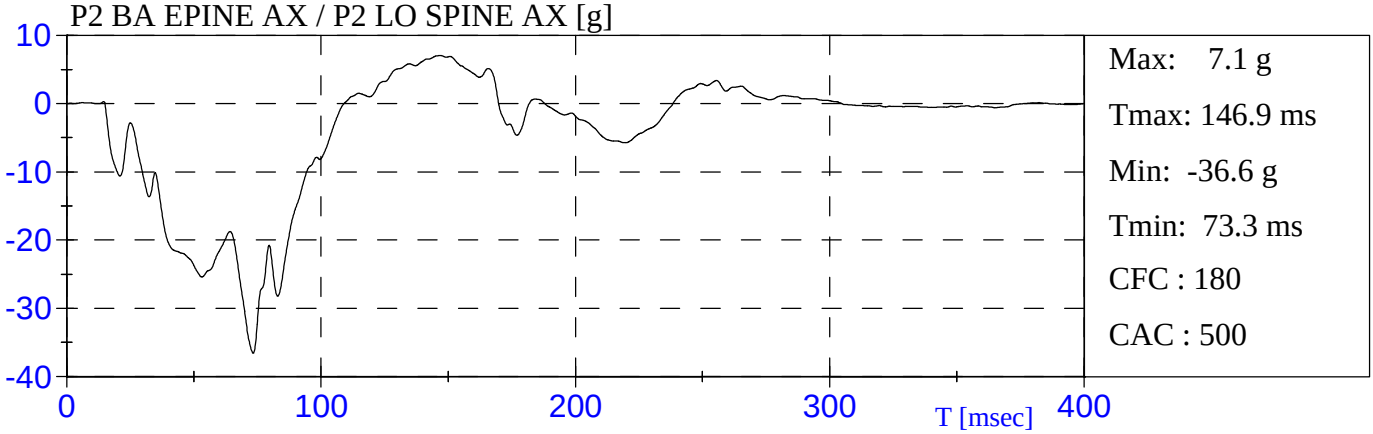


P2 HT EPINE AX / P2 UP SPINE AX [g]



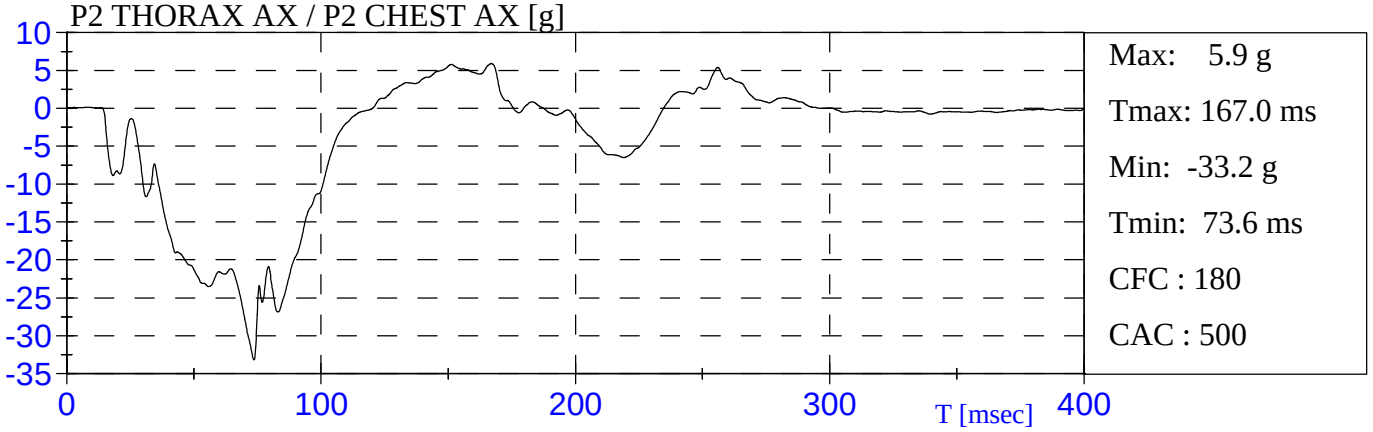
Max: 6.0 g
Tmax: 256.1 ms
Min: -32.3 g
Tmin: 73.6 ms
CFC : 180
CAC : 500

P2 BA EPINE AX / P2 LO SPINE AX [g]



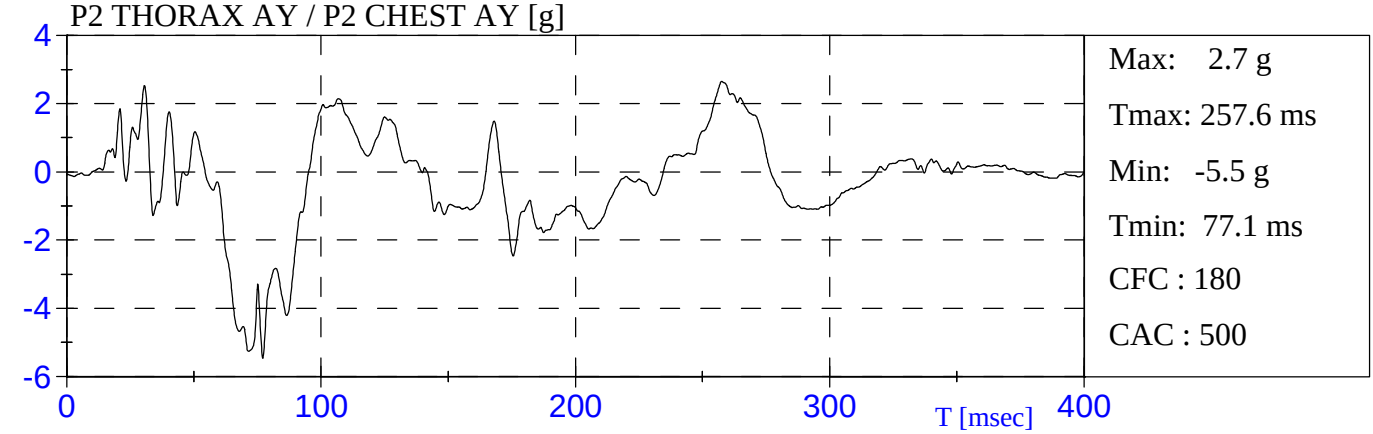
Max: 7.1 g
Tmax: 146.9 ms
Min: -36.6 g
Tmin: 73.3 ms
CFC : 180
CAC : 500

P2 THORAX AX / P2 CHEST AX [g]



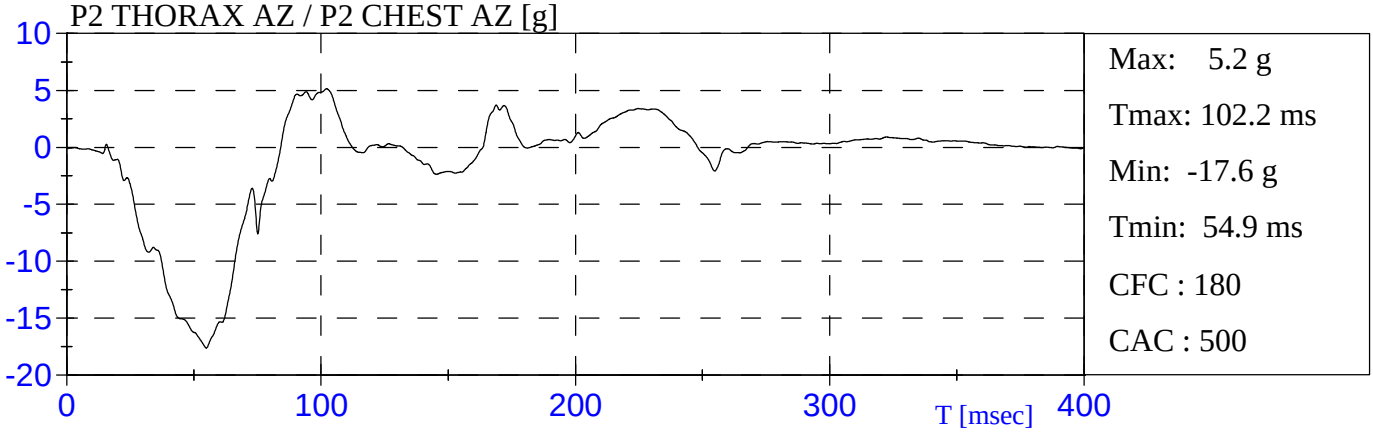
Max: 5.9 g
Tmax: 167.0 ms
Min: -33.2 g
Tmin: 73.6 ms
CFC : 180
CAC : 500

P2 THORAX AY / P2 CHEST AY [g]



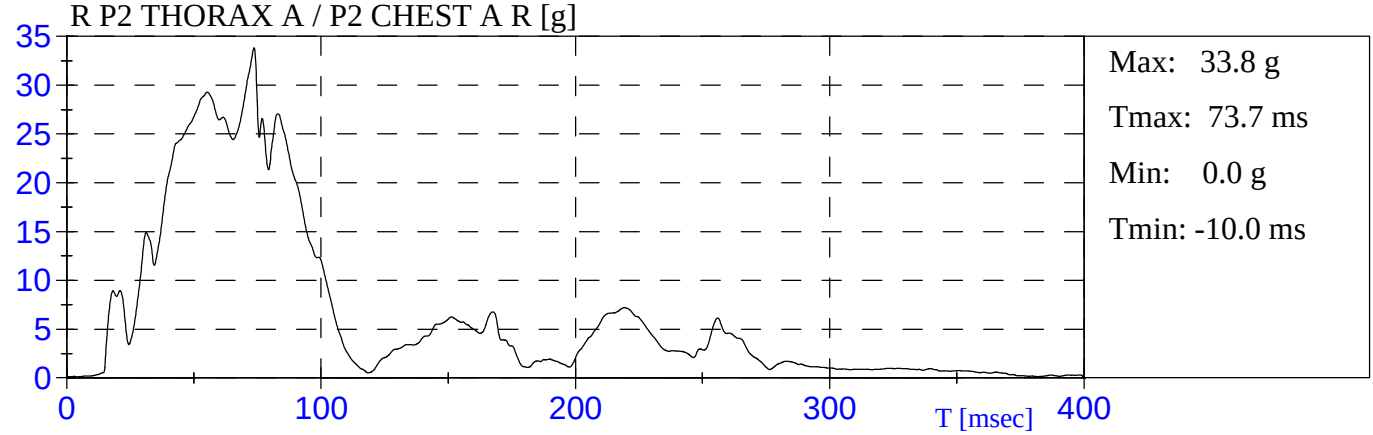
Max: 2.7 g
Tmax: 257.6 ms
Min: -5.5 g
Tmin: 77.1 ms
CFC : 180
CAC : 500

P2 THORAX AZ / P2 CHEST AZ [g]



Max: 5.2 g
Tmax: 102.2 ms
Min: -17.6 g
Tmin: 54.9 ms
CFC : 180
CAC : 500

R P2 THORAX A / P2 CHEST A R [g]



Max: 33.8 g
Tmax: 73.7 ms
Min: 0.0 g
Tmin: -10.0 ms

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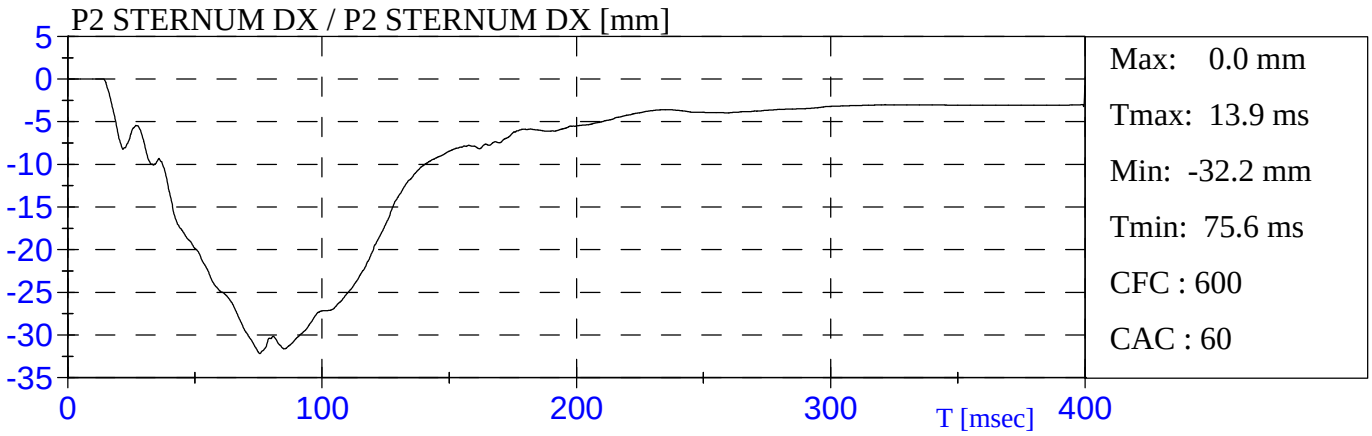
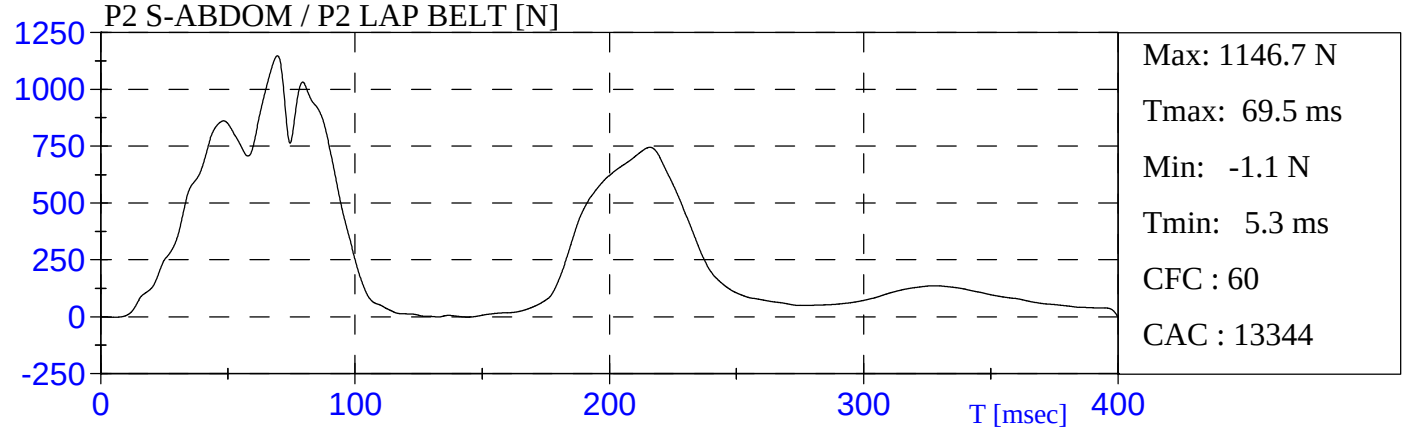
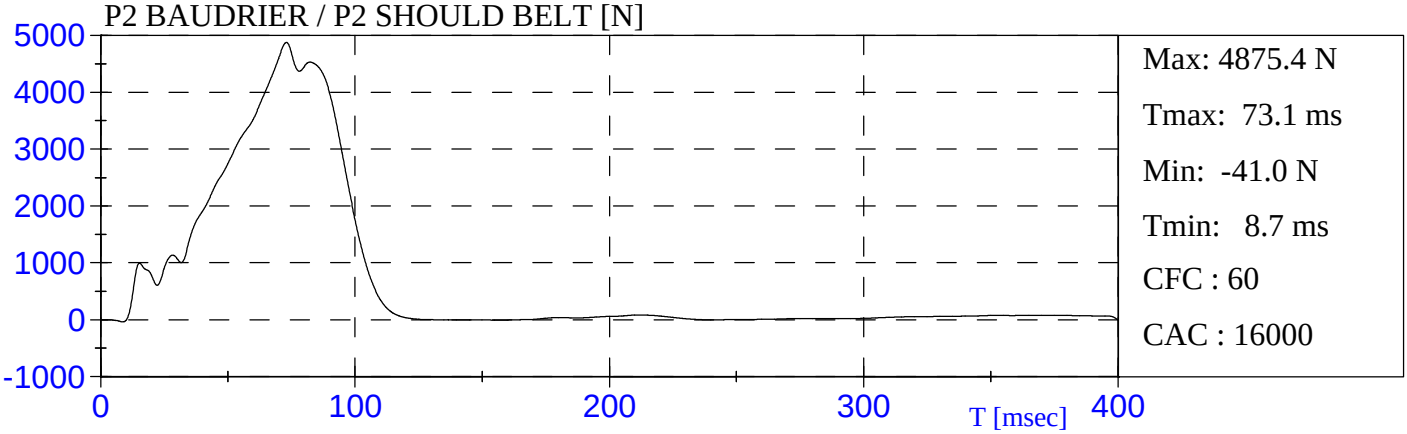
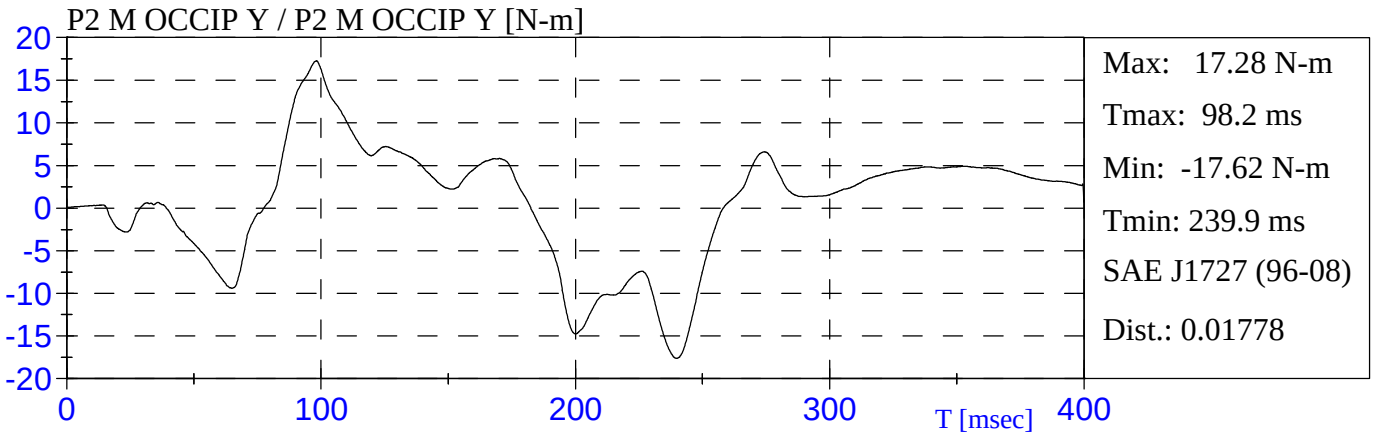


P2 S-ABDOM / P2 LAP BELT [N]



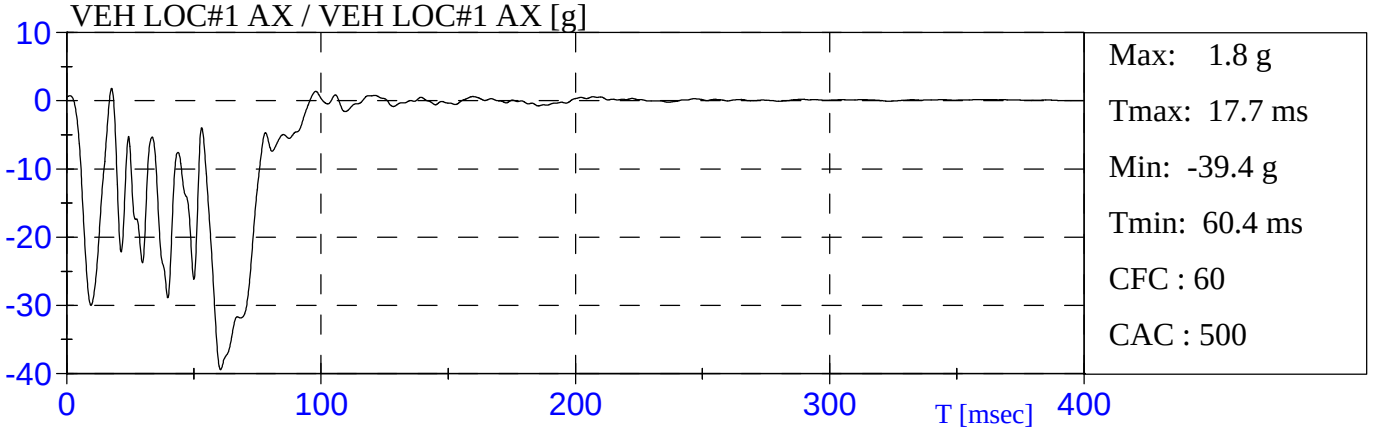
P2 BAUDRIER / P2 SHOULD BELT [N]



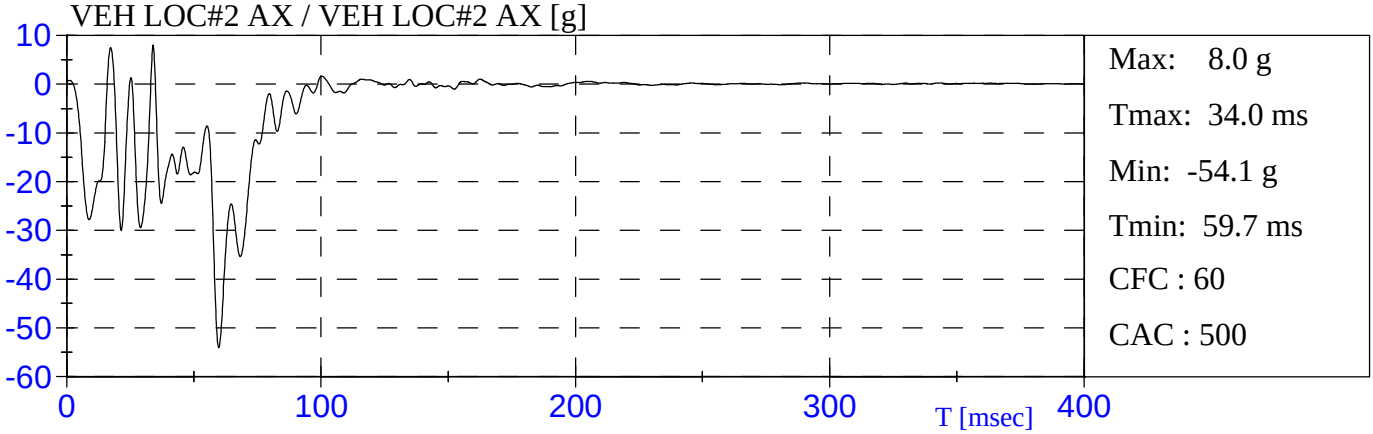

P2 M OCCIP Y / P2 M OCCIP Y [N-m]
20
15
10
5
0
-5
-10
-15
-20
0
100
200
300
400
T [msec]
Max: 17.28 N-m
Tmax: 98.2 ms
Min: -17.62 N-m
Tmin: 239.9 ms
SAE J1727 (96-08)
Dist.: 0.01778

VOLKS TOUAREG 2004

VEH LOC#1 AX / VEH LOC#1 AX [g]

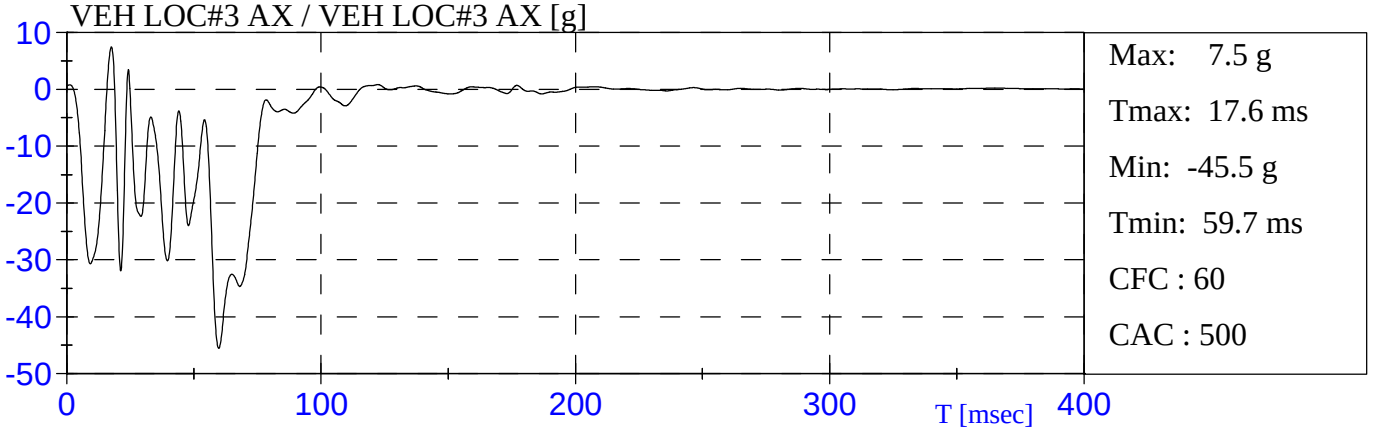


VEH LOC#2 AX / VEH LOC#2 AX [g]

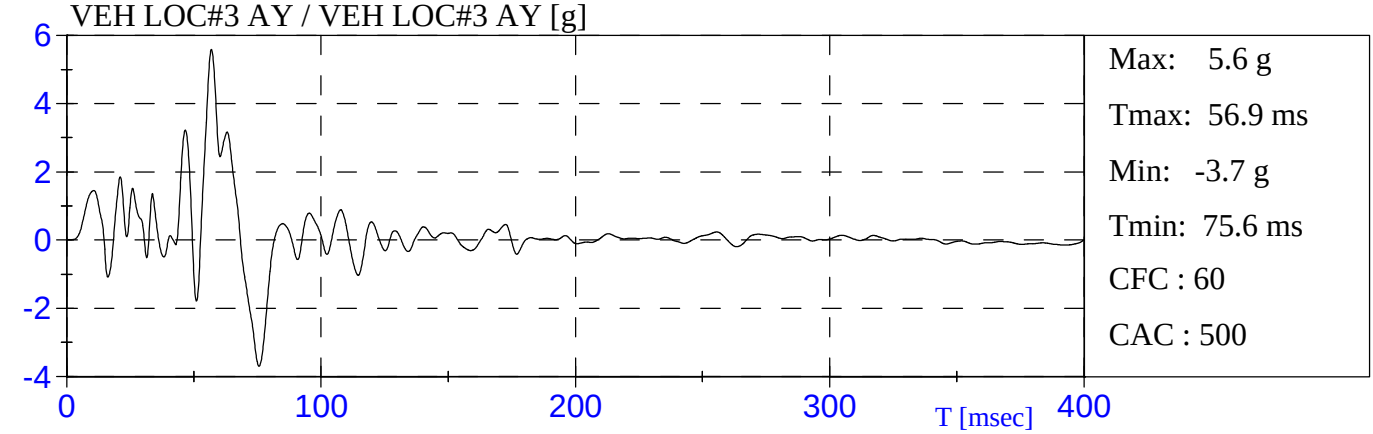


VOLKS TOUAREG 2004

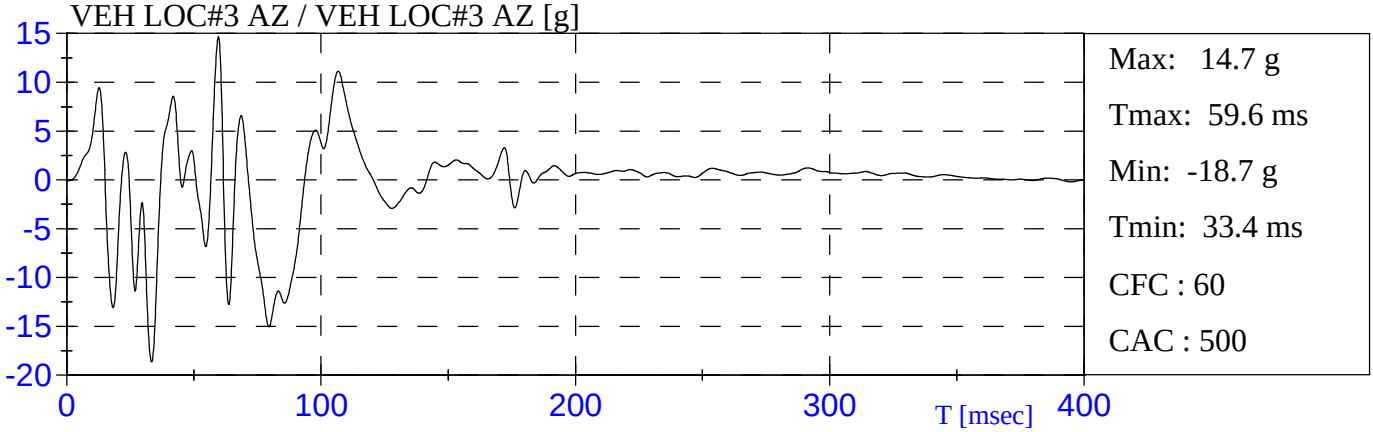
VEH LOC#3 AX / VEH LOC#3 AX [g]



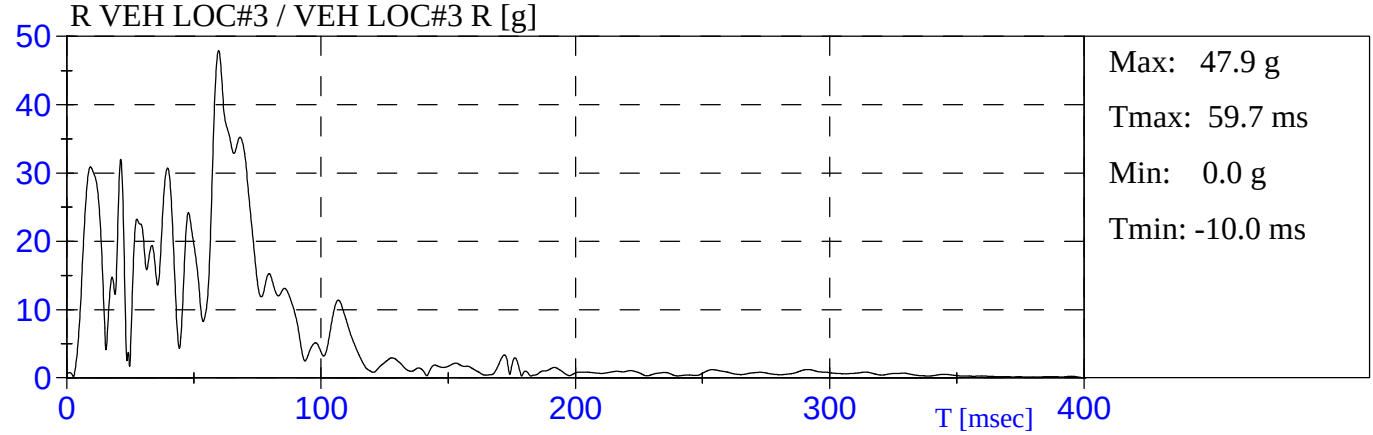
VEH LOC#3 AY / VEH LOC#3 AY [g]



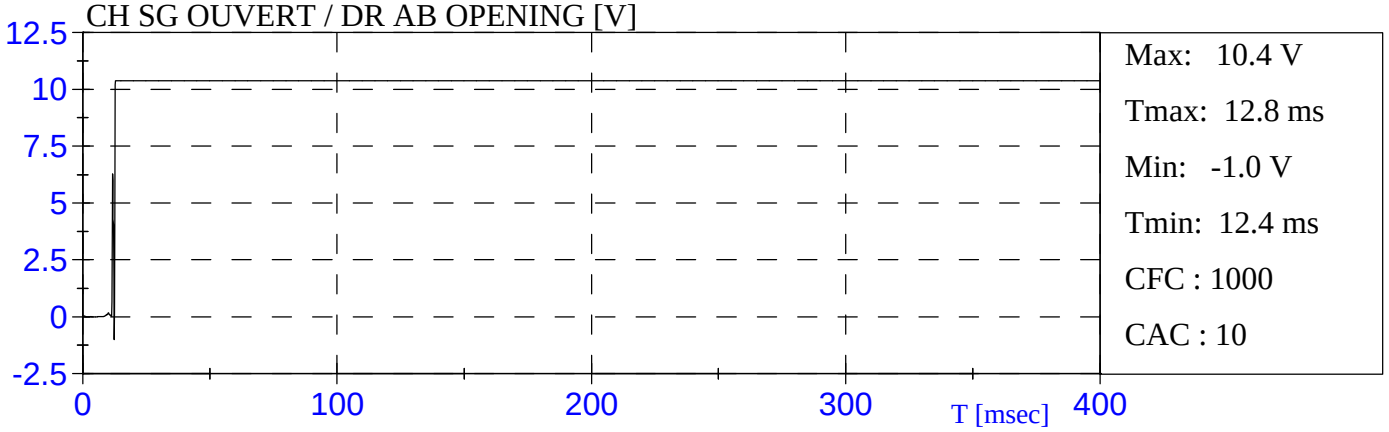
VEH LOC#3 AZ / VEH LOC#3 AZ [g]



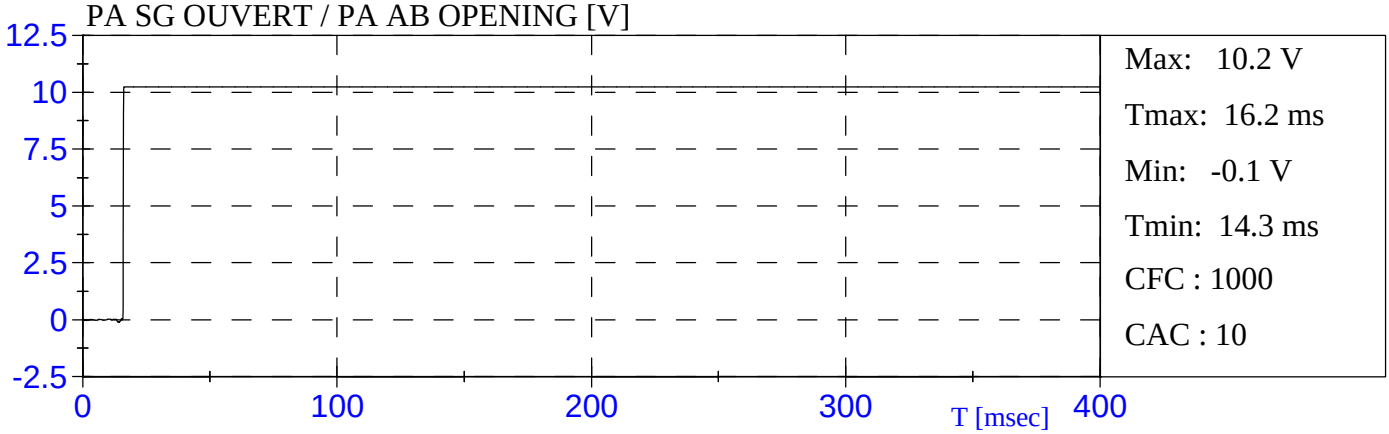
R VEH LOC#3 / VEH LOC#3 R [g]



CH SG OUVERT / DR AB OPENING [V]

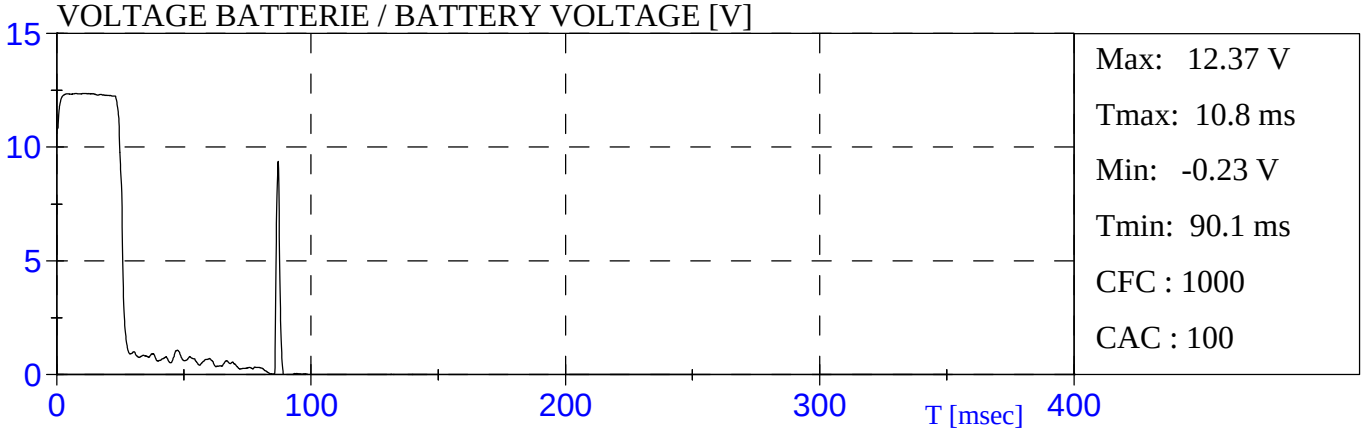


PA SG OUVERT / PA AB OPENING [V]



VOLKS TOUAREG 2004

VOLTAGE BATTERIE / BATTERY VOLTAGE [V]

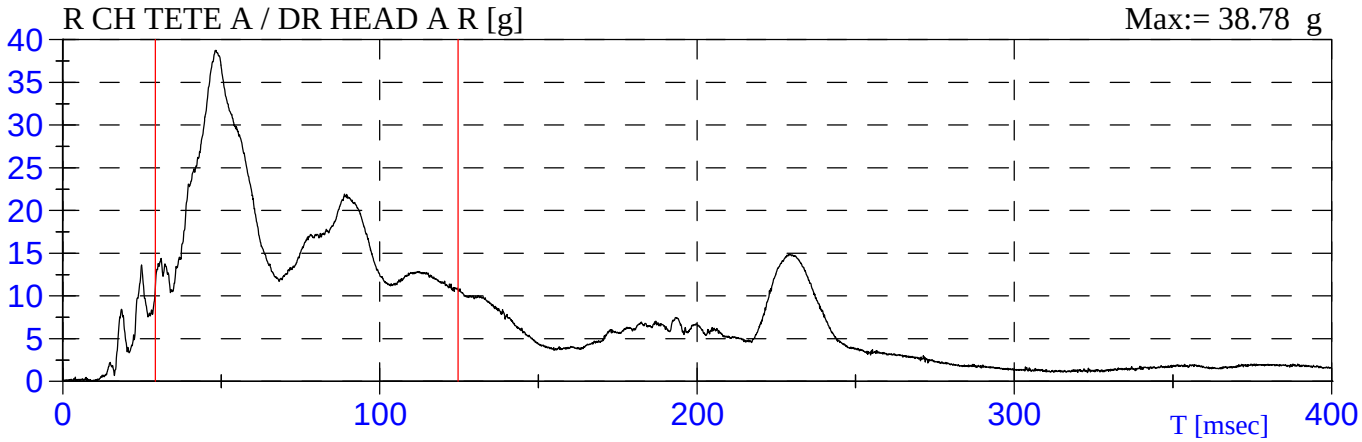


HIC

Date: 2004-03-18

VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135



HEAD INJURY CRITERIA (HIC) *

CRITÈRE DE BLESSURE DE LA TÊTE

HIC:= 131	HIC(36ms):= 104	HIC(15ms):= 89
T1:= 29.2 ms	T1:= 38.2 ms	T1:= 42.5 ms
T2:= 124.7 ms	T2:= 61.9 ms	T2:= 57.5 ms

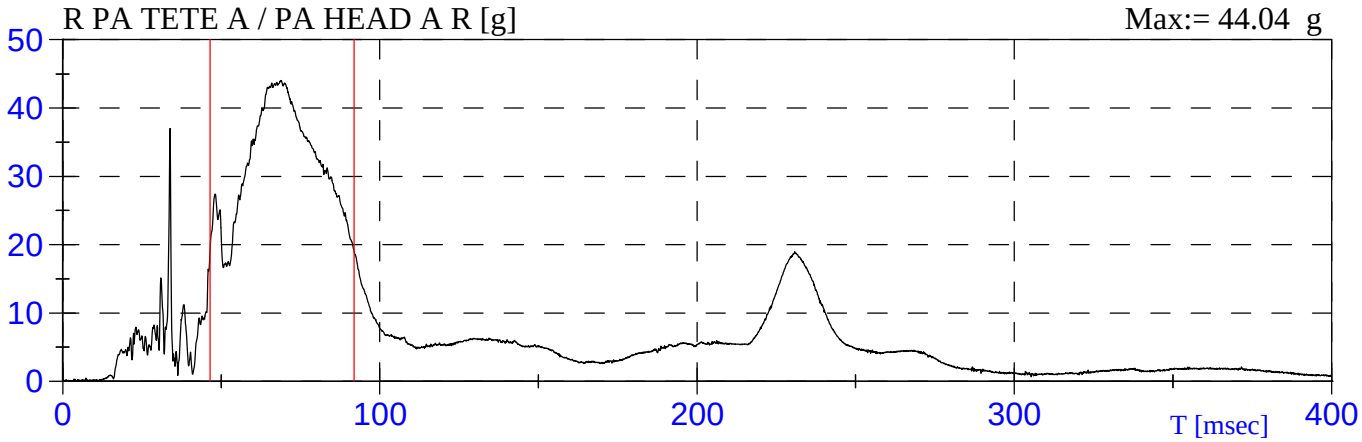
* Selon / According To: SAE J1727 96-08

HIC

VOLKS TOUAREG 2004

Date: 2004-03-18

Nº TC / TC No.: TC04-135



HEAD INJURY CRITERIA (HIC) *

CRITÈRE DE BLESSURE DE LA TÊTE

HIC:= 260	HIC(36ms):= 256	HIC(15ms):= 161
T1:= 46.5 ms	T1:= 53.9 ms	T1:= 61.0 ms
T2:= 91.9 ms	T2:= 89.9 ms	T2:= 76.0 ms

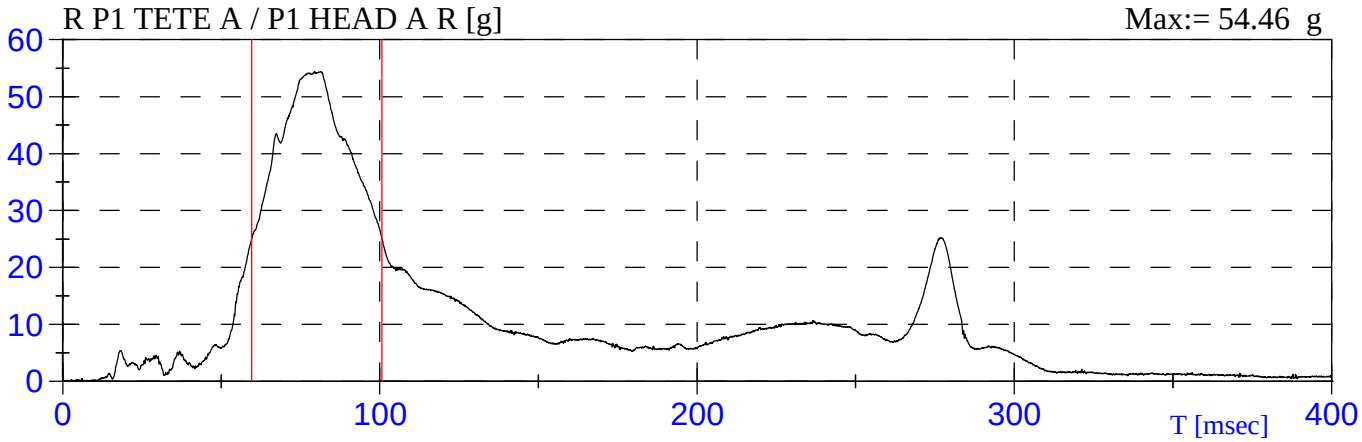
* Selon / According To: SAE J1727 96-08

HIC

Date: 2004-03-18

VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135



HEAD INJURY CRITERIA (HIC) *

CRITÈRE DE BLESSURE DE LA TÊTE

HIC:= 465	HIC(36ms):= 460	HIC(15ms):= 287
T1:= 59.6 ms	T1:= 62.3 ms	T1:= 70.6 ms
T2:= 100.7 ms	T2:= 98.3 ms	T2:= 85.6 ms

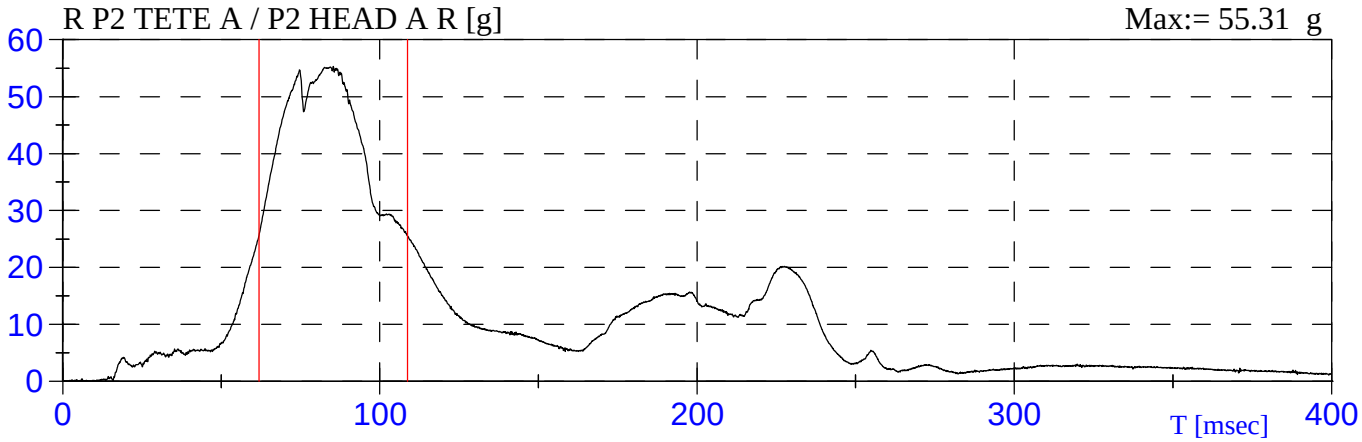
* Selon / According To: SAE J1727 96-08

HIC

Date: 2004-03-18

VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135

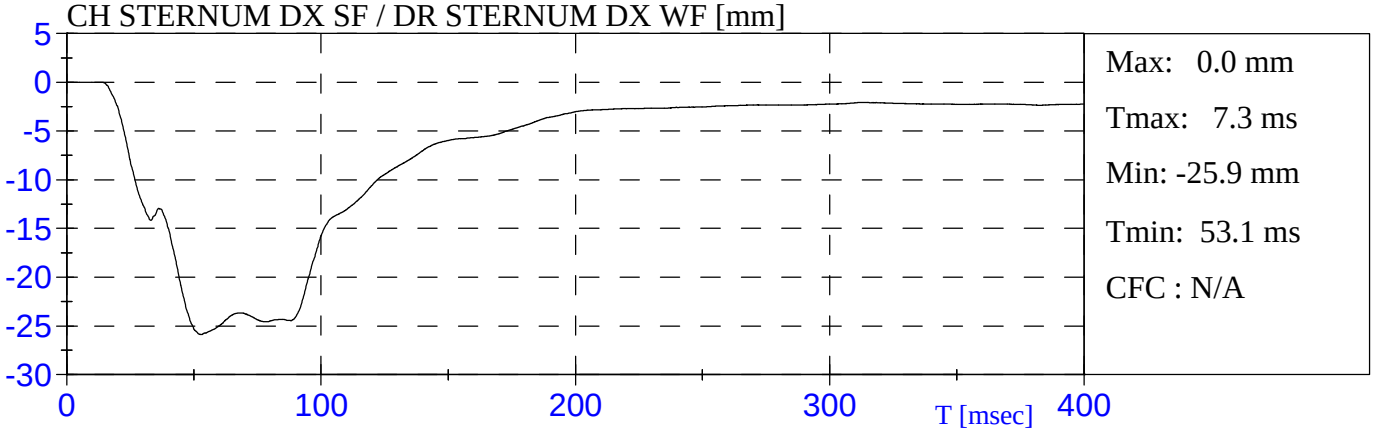


HEAD INJURY CRITERIA (HIC) *
CRITÈRE DE BLESSURE DE LA TÊTE

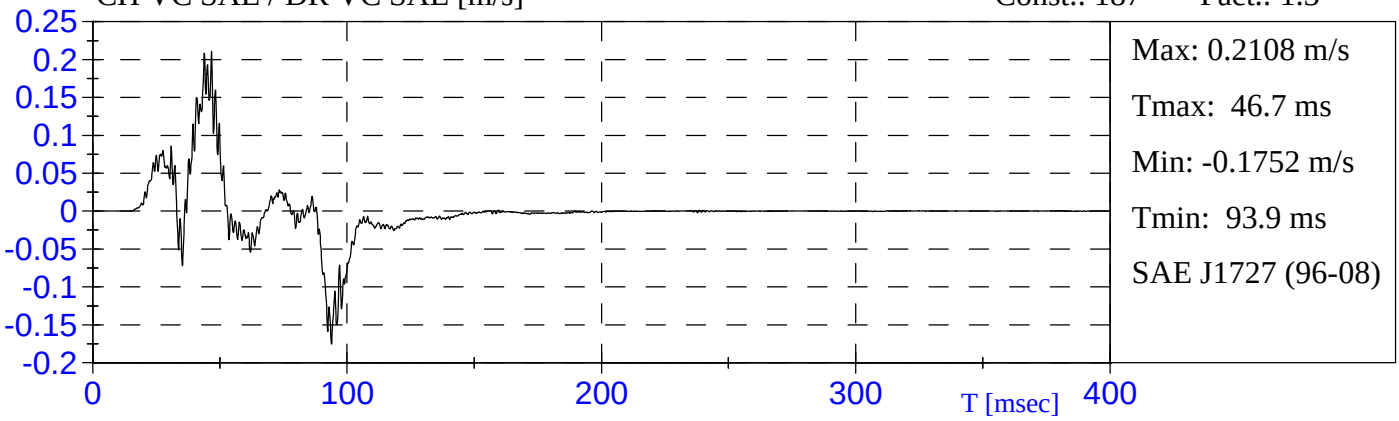
HIC:= 553	HIC(36ms):= 541	HIC(15ms):= 310
T1:= 62.0 ms	T1:= 63.3 ms	T1:= 73.2 ms
T2:= 108.7 ms	T2:= 99.3 ms	T2:= 88.2 ms

* Selon / According To: SAE J1727 96-08

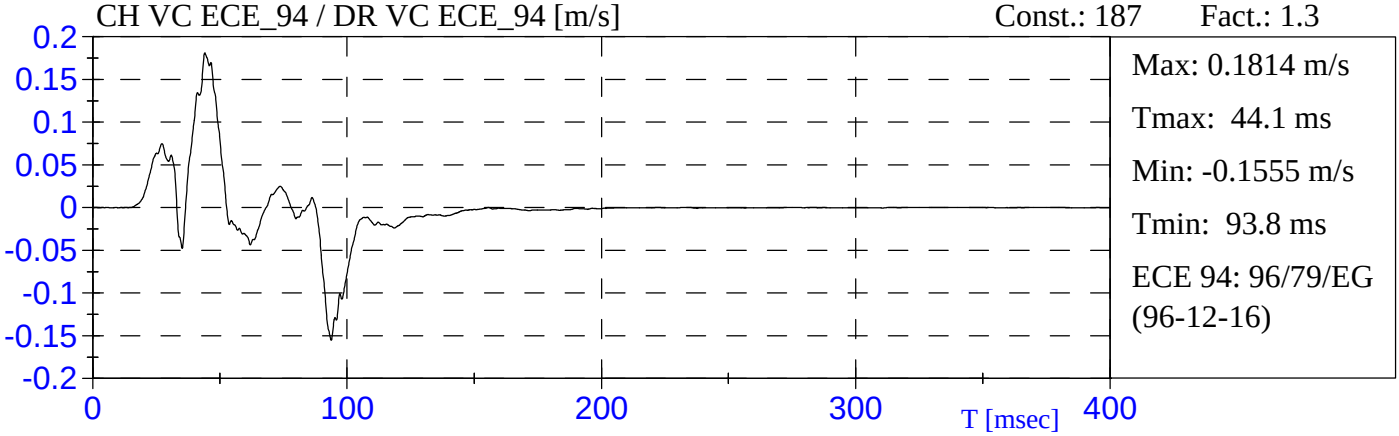
CH STERNUM DX SF / DR STERNUM DX WF [mm]



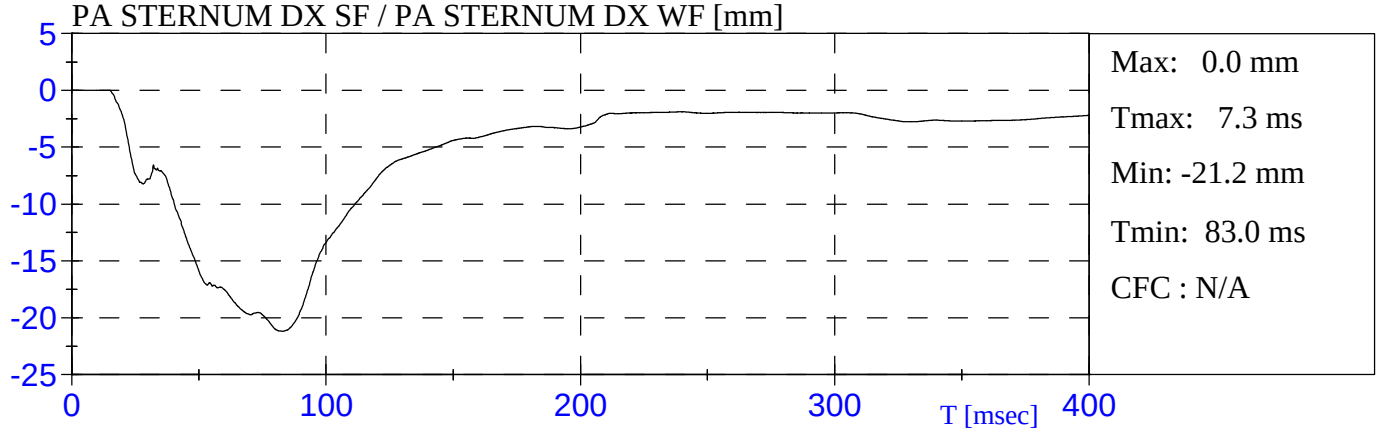
CH VC SAE / DR VC SAE [m/s] Const.: 187 Fact.: 1.3



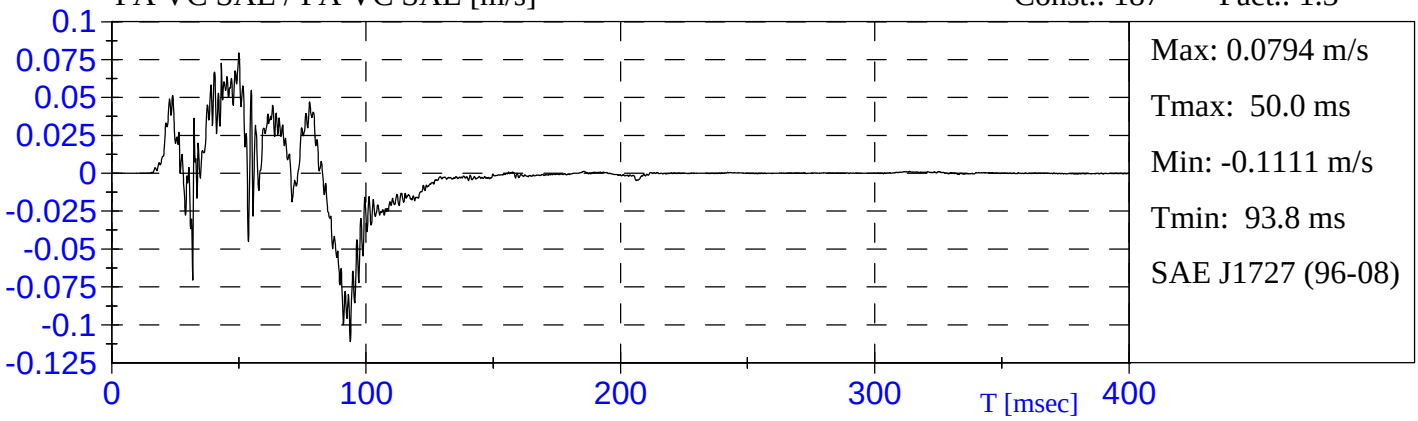
CH VC ECE_94 / DR VC ECE_94 [m/s] Const.: 187 Fact.: 1.3



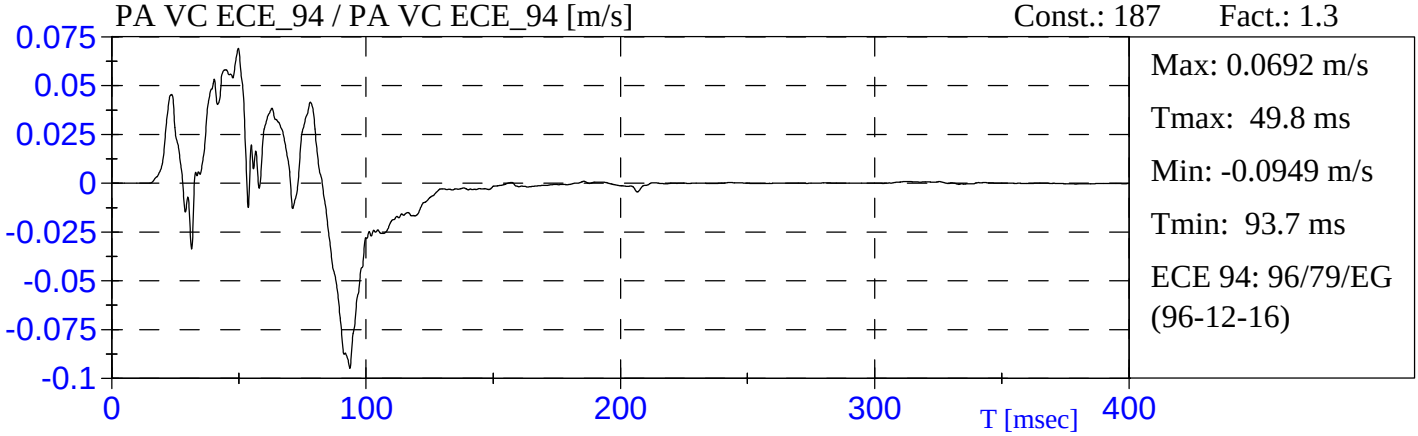
PA STERNUM DX SF / PA STERNUM DX WF [mm]



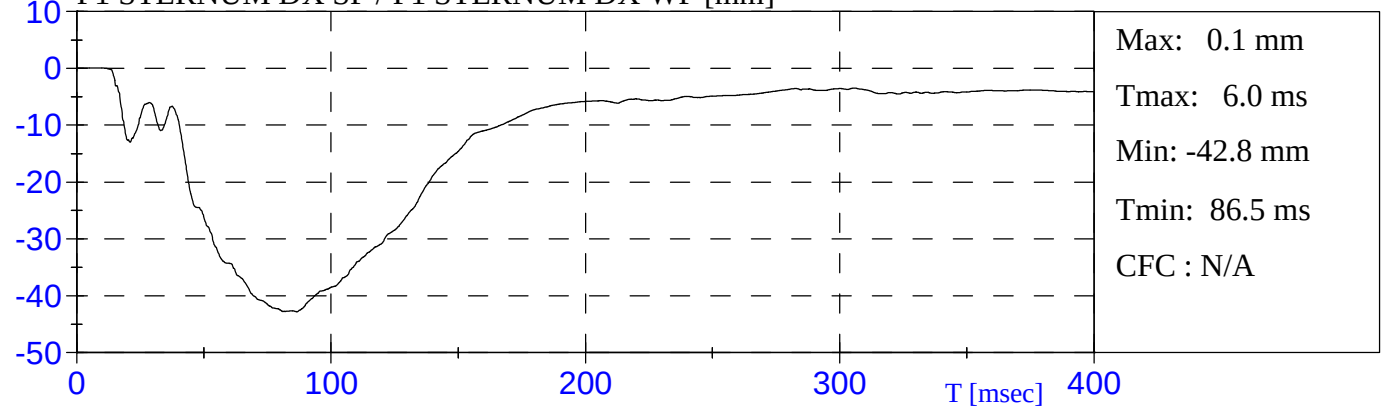
PA VC SAE / PA VC SAE [m/s] Const.: 187 Fact.: 1.3



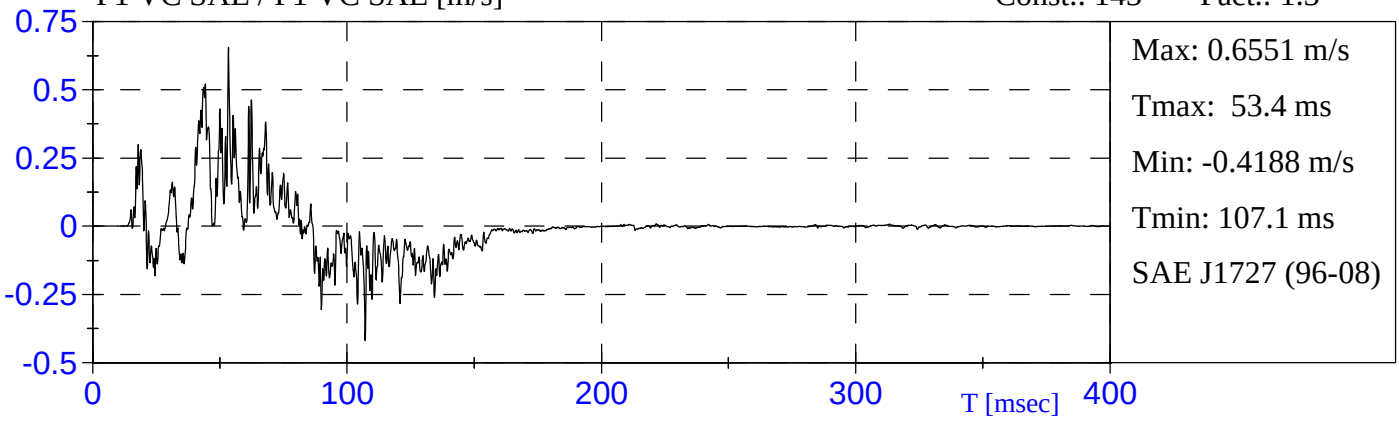
PA VC ECE_94 / PA VC ECE_94 [m/s] Const.: 187 Fact.: 1.3



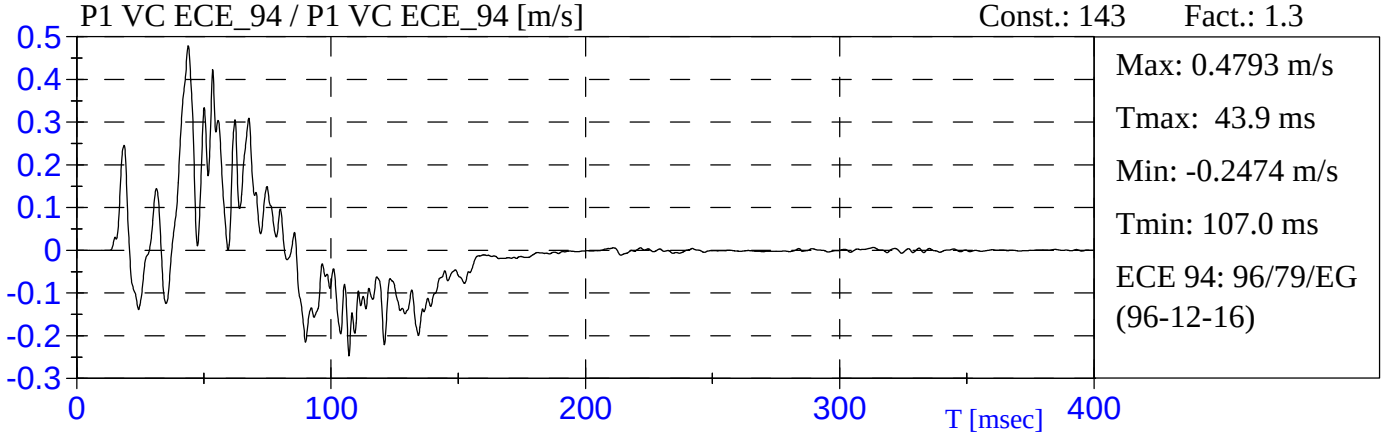
P1 STERNUM DX SF / P1 STERNUM DX WF [mm]



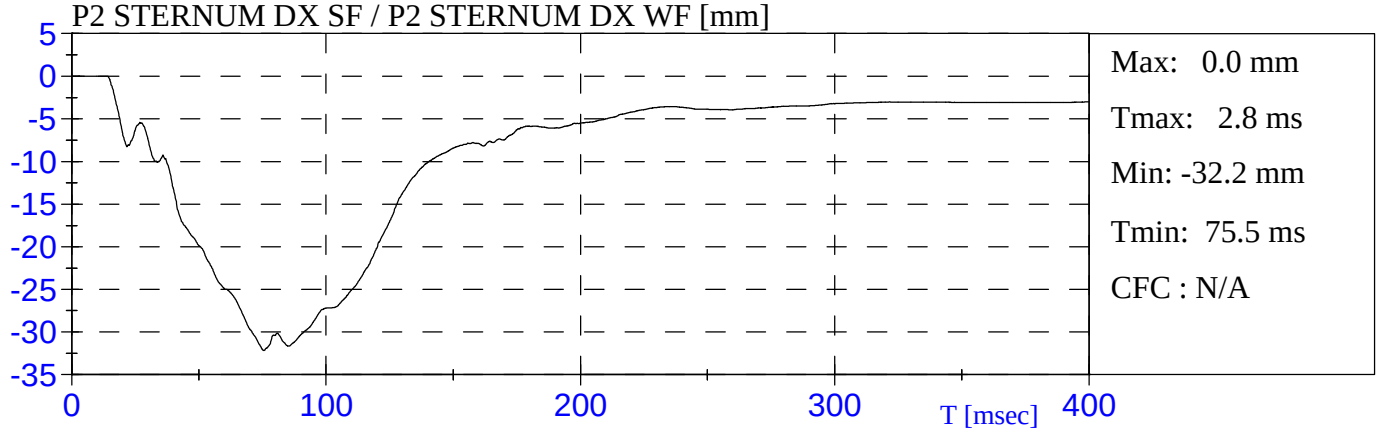
P1 VC SAE / P1 VC SAE [m/s] Const.: 143 Fact.: 1.3



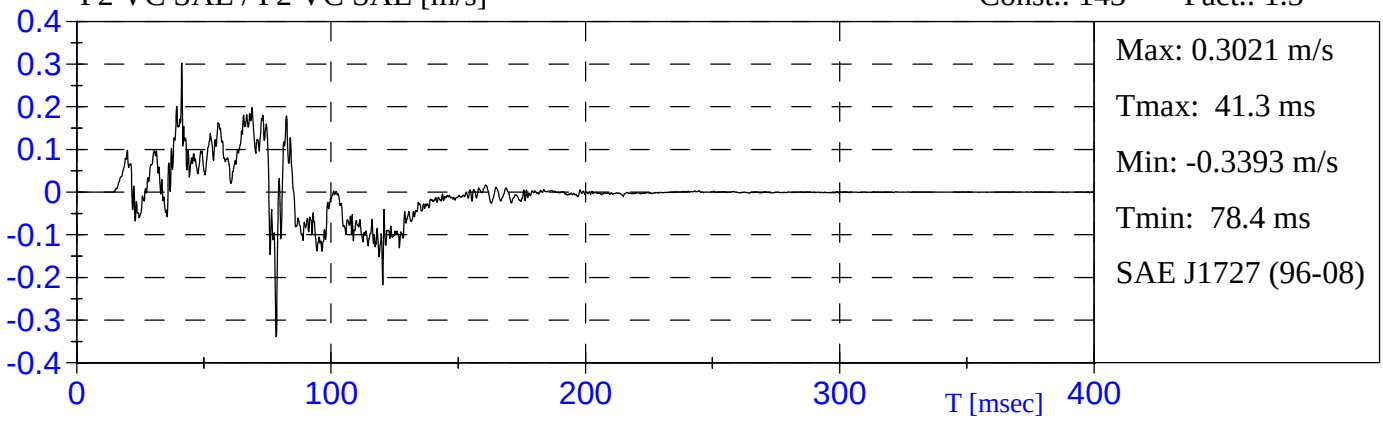
P1 VC ECE_94 / P1 VC ECE_94 [m/s] Const.: 143 Fact.: 1.3



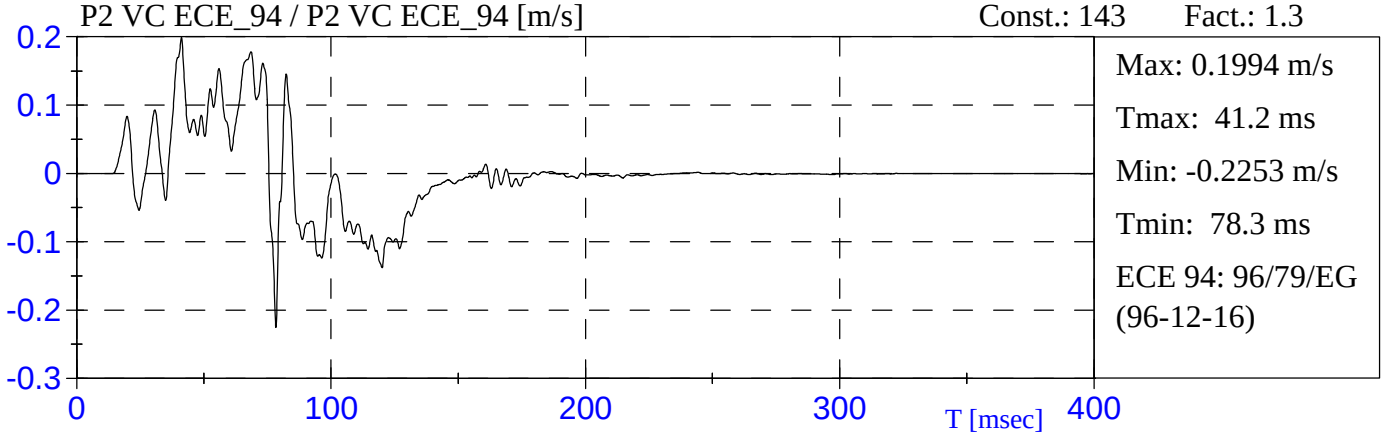
P2 STERNUM DX SF / P2 STERNUM DX WF [mm]



P2 VC SAE / P2 VC SAE [m/s] Const.: 143 Fact.: 1.3



P2 VC ECE_94 / P2 VC ECE_94 [m/s] Const.: 143 Fact.: 1.3

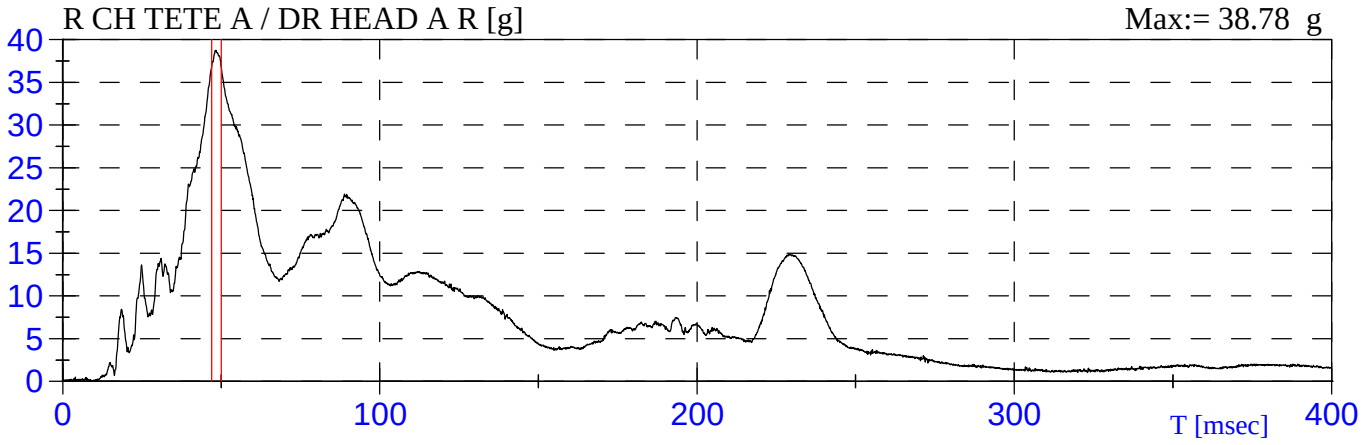


CLIP 3ms

Date: 2004-03-18

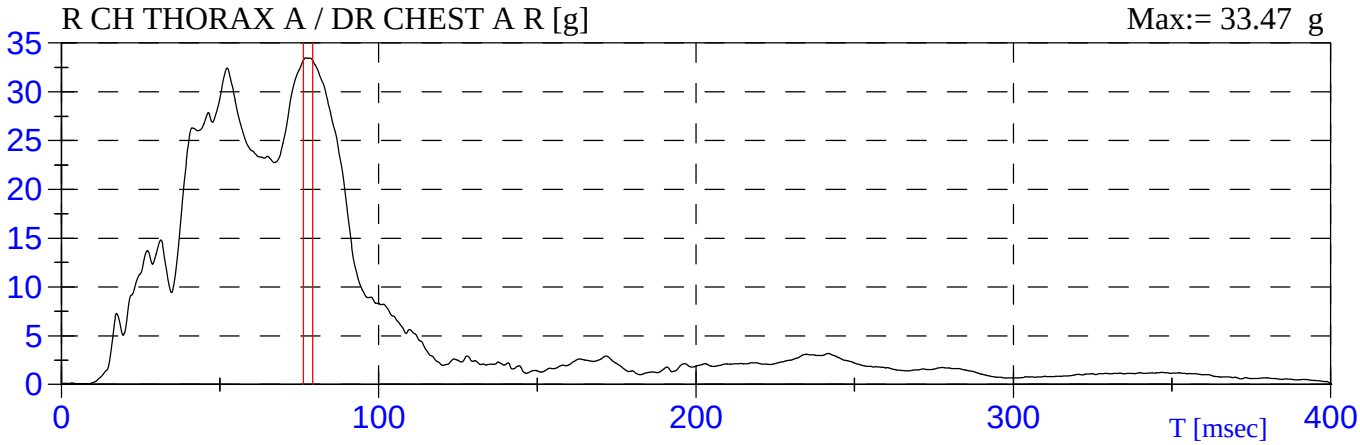
VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135



CLIP 3ms *

Acc. := 36.79 g	T1:= 47.0 ms	T2:= 50.0 ms



CLIP 3ms *

Acc. := 33.21 g	T1:= 76.3 ms	T2:= 79.3 ms

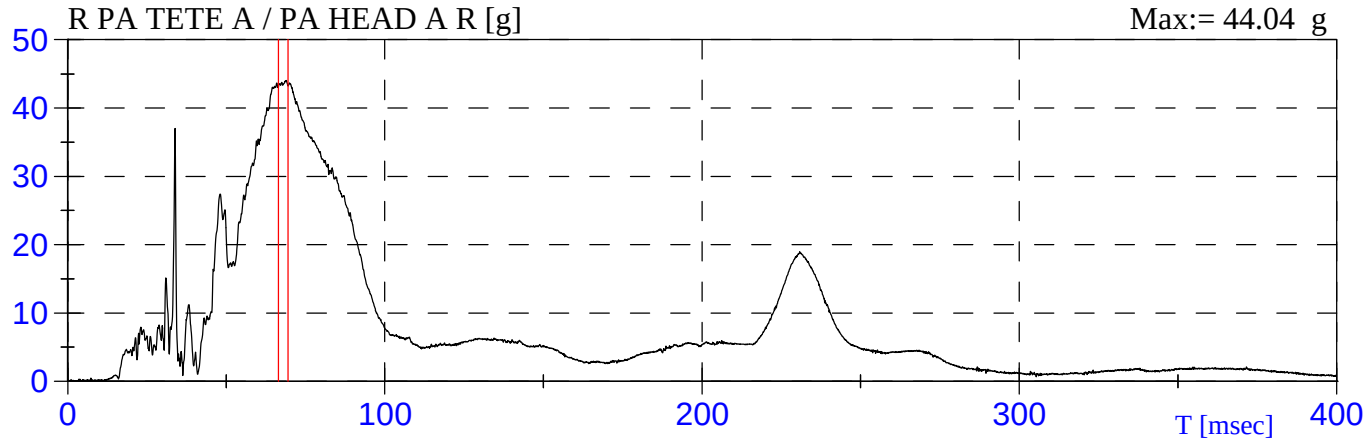
* Selon / According To: NHTSA CLIP VERSION 2.1 5/95

CLIP 3ms

Date: 2004-03-18

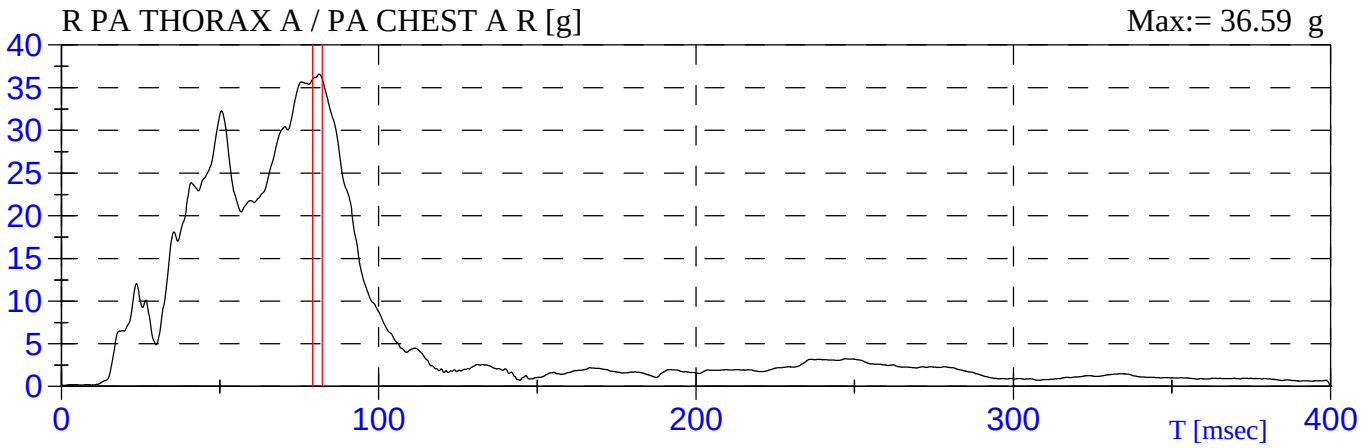
VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135



CLIP 3ms *

Acc. := 43.26 g	T1:= 66.5 ms	T2:= 69.5 ms



CLIP 3ms *

Acc. := 35.97 g	T1:= 79.2 ms	T2:= 82.2 ms

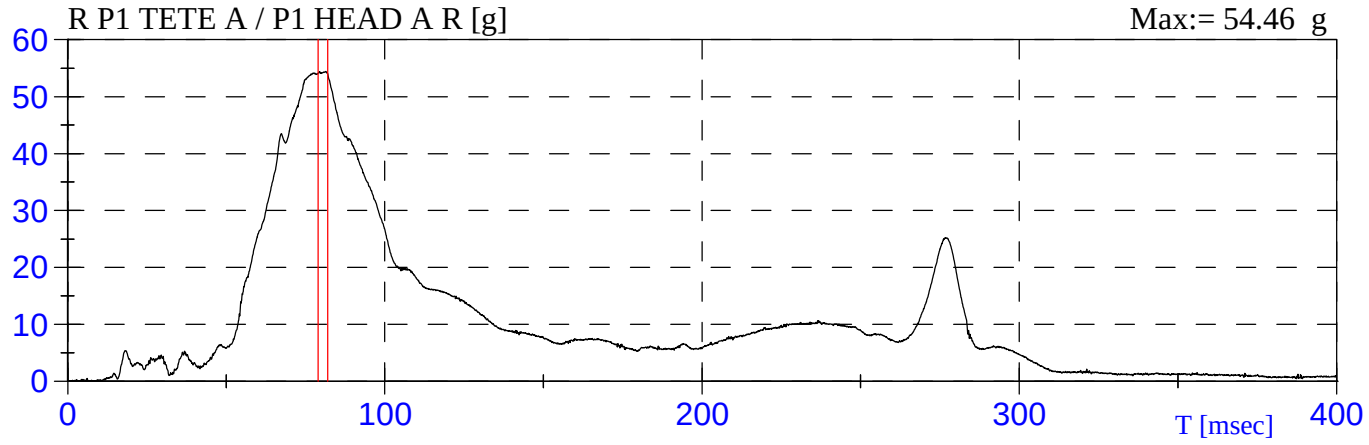
* Selon / According To: NHTSA CLIP VERSION 2.1 5/95

CLIP 3ms

Date: 2004-03-18

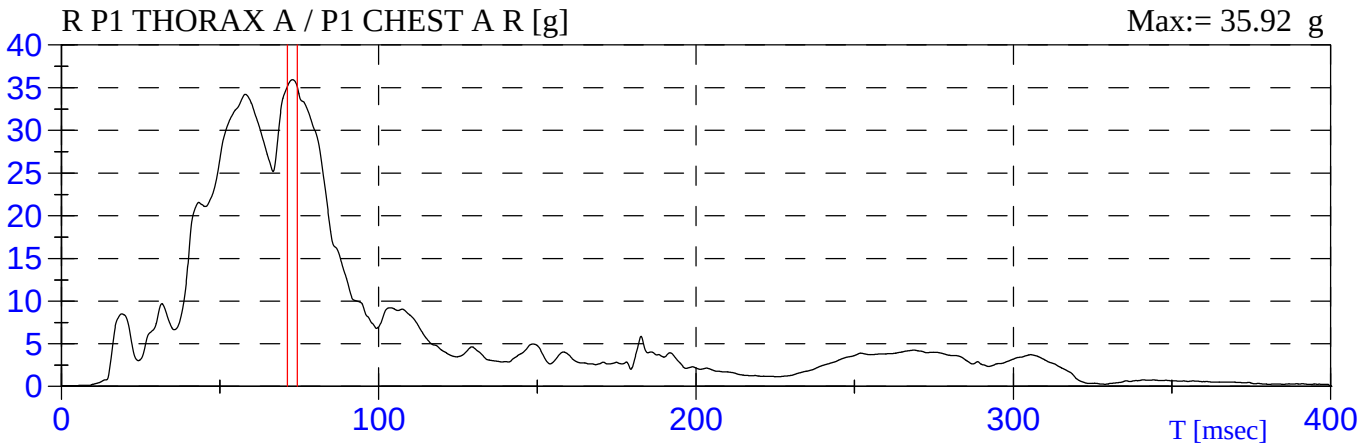
VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135



CLIP 3ms *

Acc. := 54.09 g	T1:= 78.9 ms	T2:= 82.0 ms



CLIP 3ms *

Acc. := 35.17 g	T1:= 71.3 ms	T2:= 74.3 ms

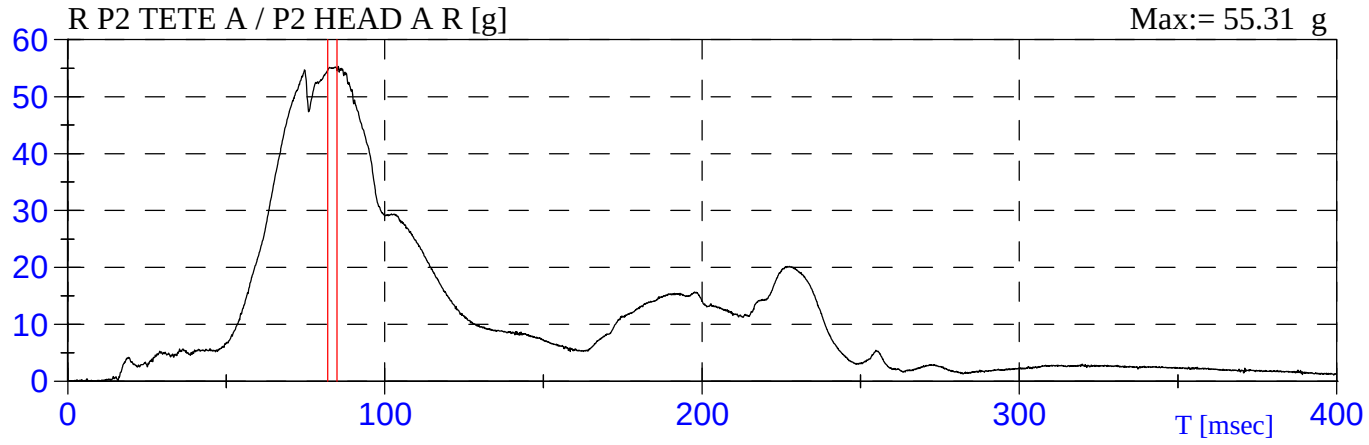
* Selon / According To: NHTSA CLIP VERSION 2.1 5/95

CLIP 3ms

Date: 2004-03-18

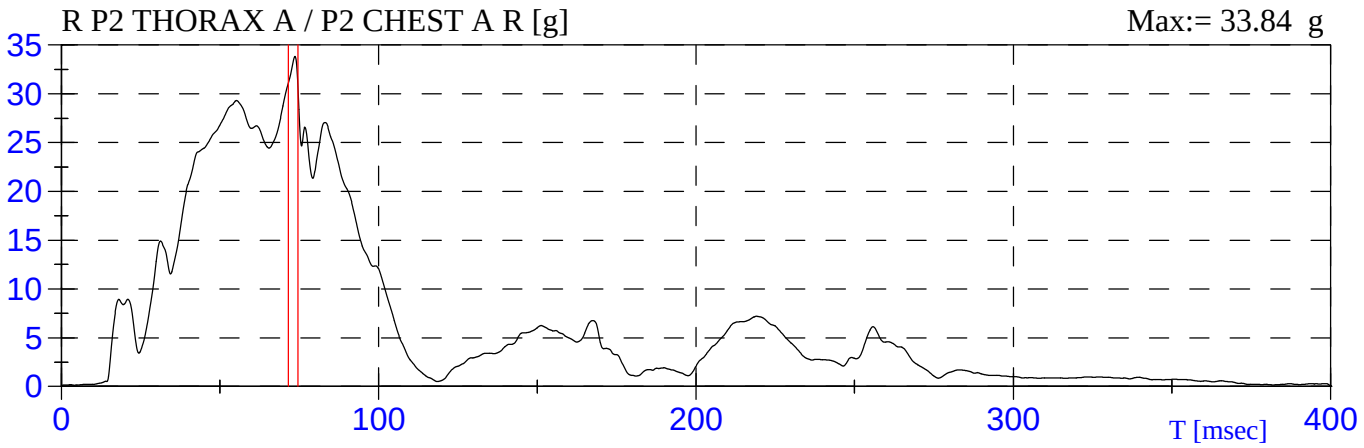
VOLKS TOUAREG 2004

Nº TC / TC No.: TC04-135



CLIP 3ms *

Acc. := 54.62 g	T1:= 81.9 ms	T2:= 84.9 ms



CLIP 3ms *

Acc. := 31.04 g	T1:= 71.5 ms	T2:= 74.5 ms

* Selon / According To: NHTSA CLIP VERSION 2.1 5/95

INDEX DU TIBIA *
TIBIA INDEX *

TI Chauffeur / Driver Mc := 115 N-m Fc := 22.9 kN

TIBIA	GAUCHE / LEFT	DROIT / RIGHT
HAUT / UPPER	**0.225**	**0.176**
BAS / LOWER	**0.425**	**0.278**

* Selon / According To: SAE J1727 AUG 96

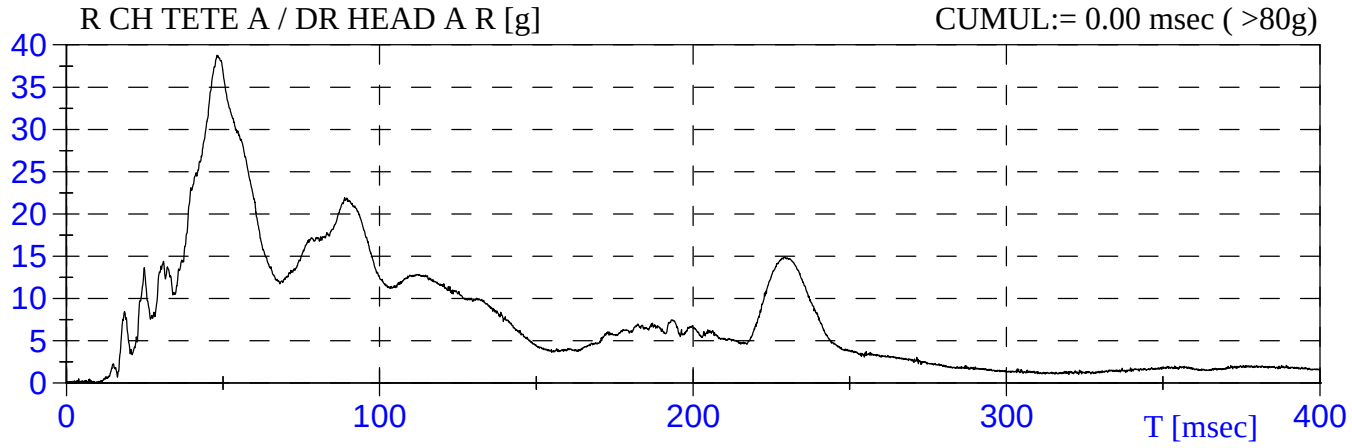
INDEX DU TIBIA *
TIBIA INDEX *

TI Passager / Passenger Mc := 115 N-m Fc := 22.9 kN

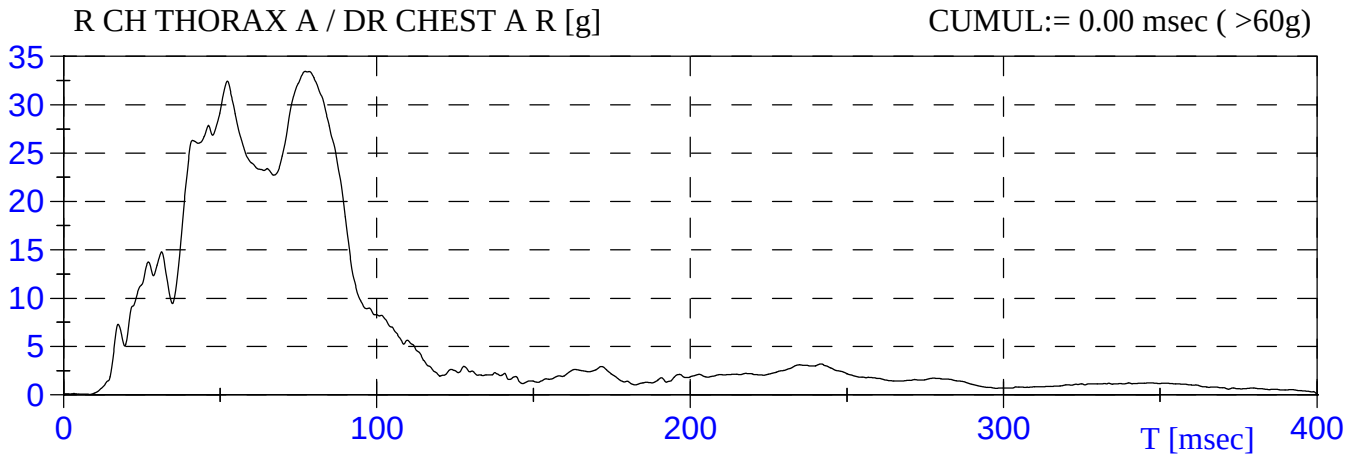
TIBIA	GAUCHE / LEFT	DROIT / RIGHT
HAUT / UPPER	**0.251**	**0.332**
BAS / LOWER	**0.168**	**0.213**

* Selon / According To: SAE J1727 AUG 96

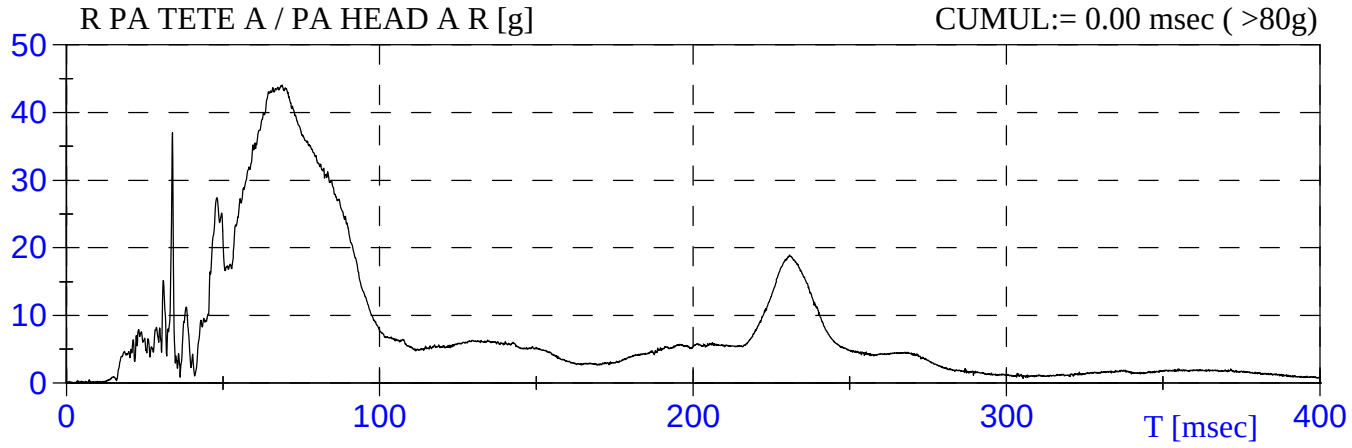
ACCÉLÉRATION DE LA TÊTE >80 g / HEAD ACCELERATION > 80 g



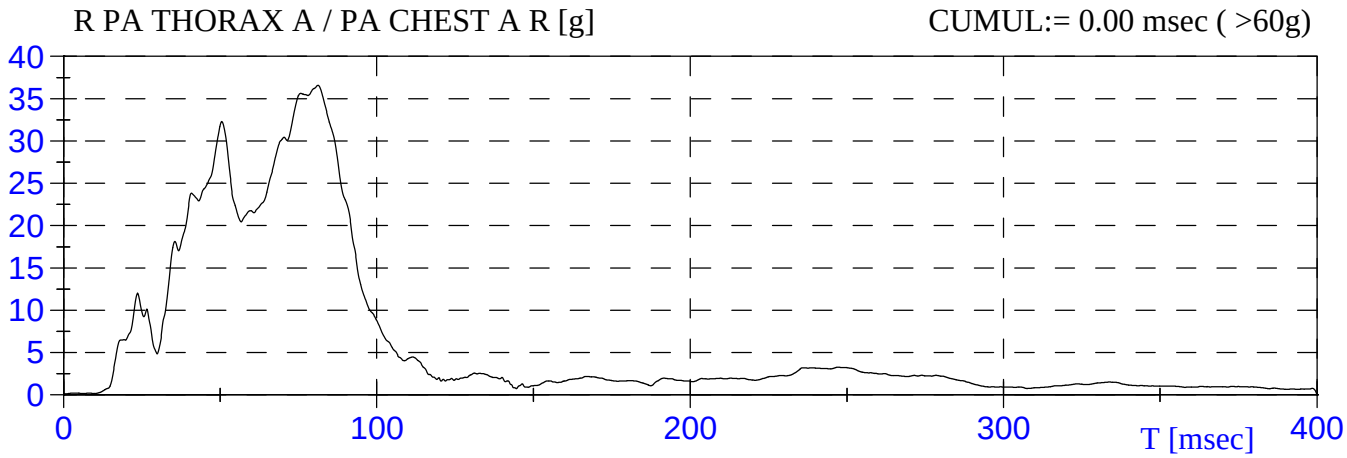
ACCÉLÉRATION DU THORAX >60 g / THORAX ACCELERATION > 60 g



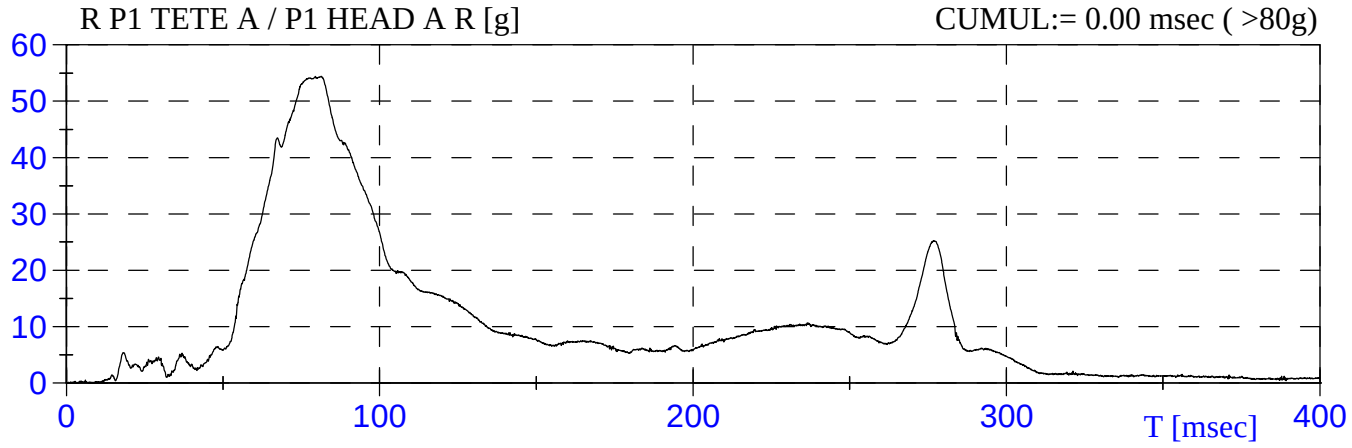
ACCÉLÉRATION DE LA TÊTE >80 g / HEAD ACCELERATION > 80 g



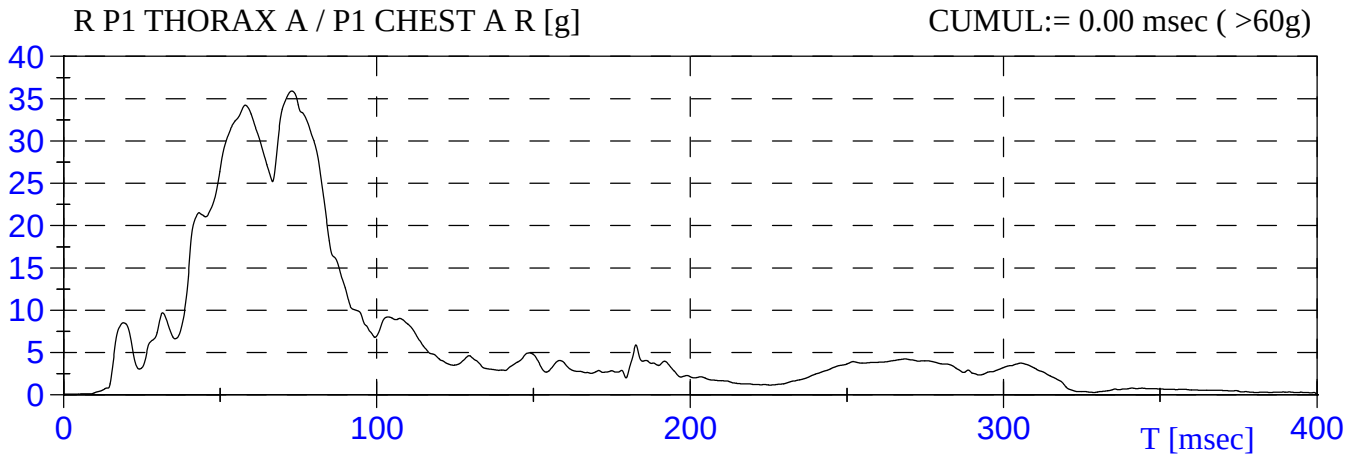
ACCÉLÉRATION DU THORAX >60 g / THORAX ACCELERATION > 60 g



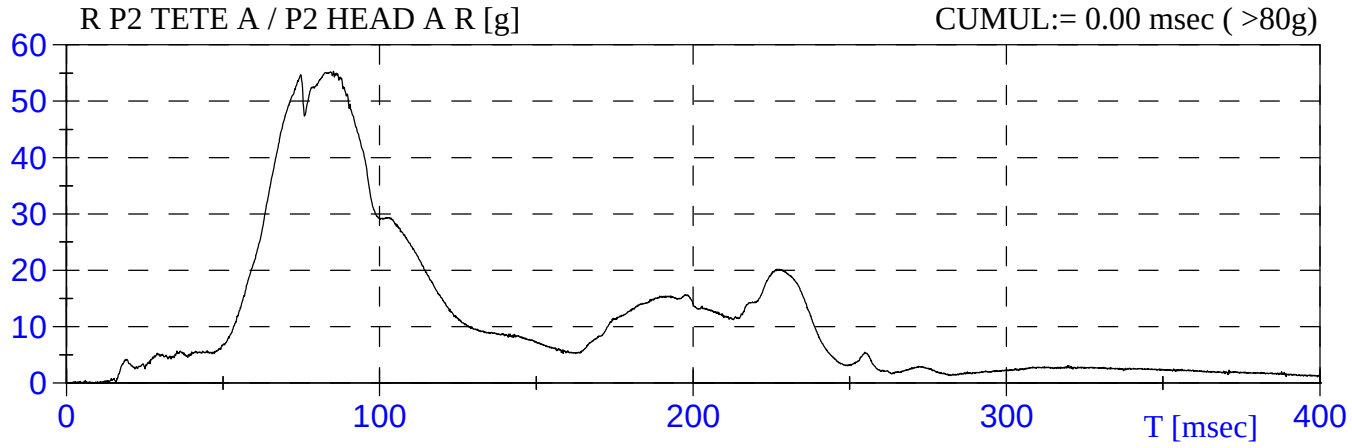
ACCÉLÉRATION DE LA TÊTE >80 g / HEAD ACCELERATION > 80 g



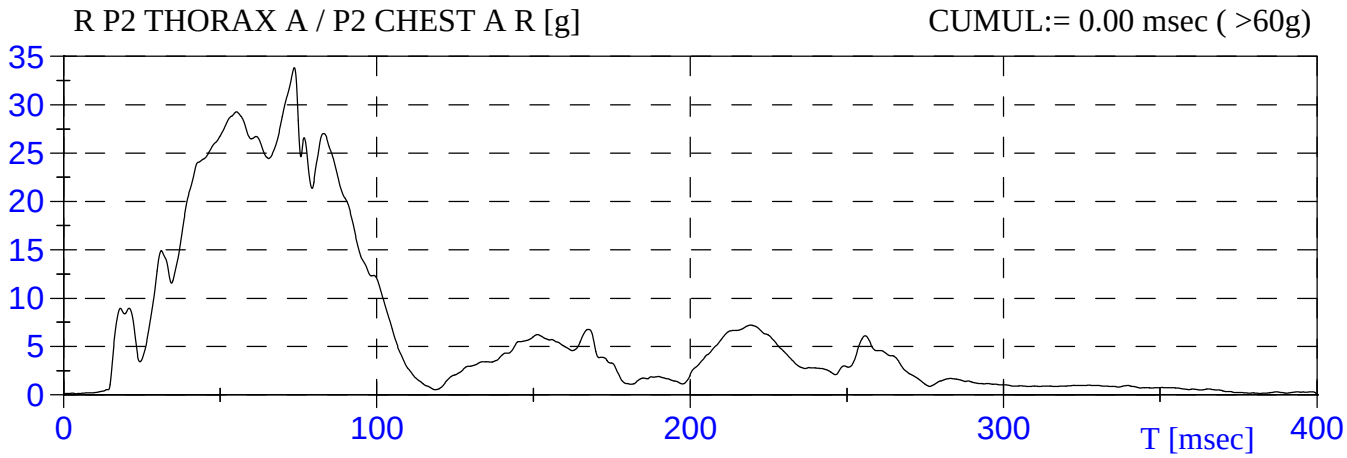
ACCÉLÉRATION DU THORAX >60 g / THORAX ACCELERATION > 60 g



ACCÉLÉRATION DE LA TÊTE >80 g / HEAD ACCELERATION > 80 g



ACCÉLÉRATION DU THORAX >60 g / THORAX ACCELERATION > 60 g



Chauffeur / Driver

N ij* = 0.36

N tf	N te	Ncf	N ce	Valeurs critiques / Criticals Values
0.25	0.36	0.25	0.22	Tc 4287 Cc 3880 Fc 155 Ec 67

Passager / Passenger

N ij* = 0.23

N tf	N te	N cf	N ce	Valeurs critiques / Criticals Values
0.20	0.18	0.23	0.16	Tc 4287 Cc 3880 Fc 155 Ec 67

* Selon / According To: Federal Register 5/2000

Chauffeur / Driver

N ij* = 0.36

N tf	N te	Ncf	N ce	Valeurs critiques / Criticals Values
0.25	0.36	0.25	0.22	Tc 4287 Cc 3880 Fc 155 Ec 67

Passager / Passenger

N ij* = 0.23

N tf	N te	N cf	N ce	Valeurs critiques / Criticals Values
0.20	0.18	0.23	0.16	Tc 4287 Cc 3880 Fc 155 Ec 67

* Selon / According To: Federal Register 5/2000