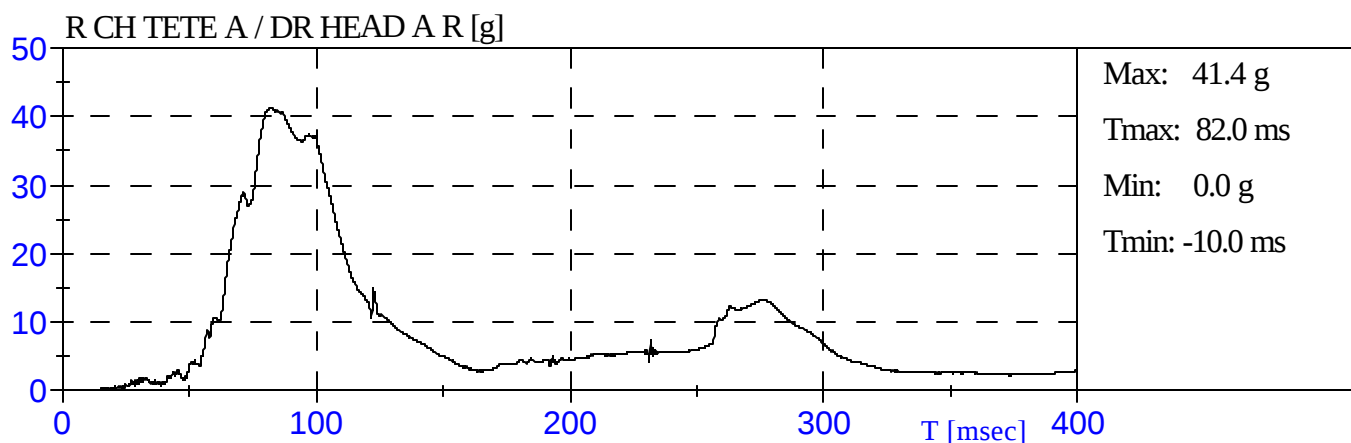
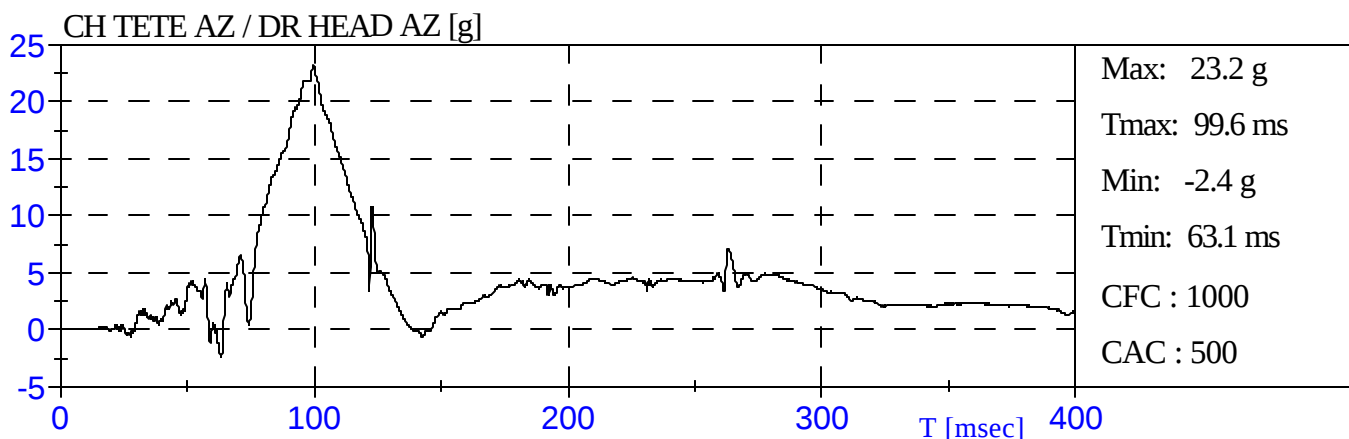
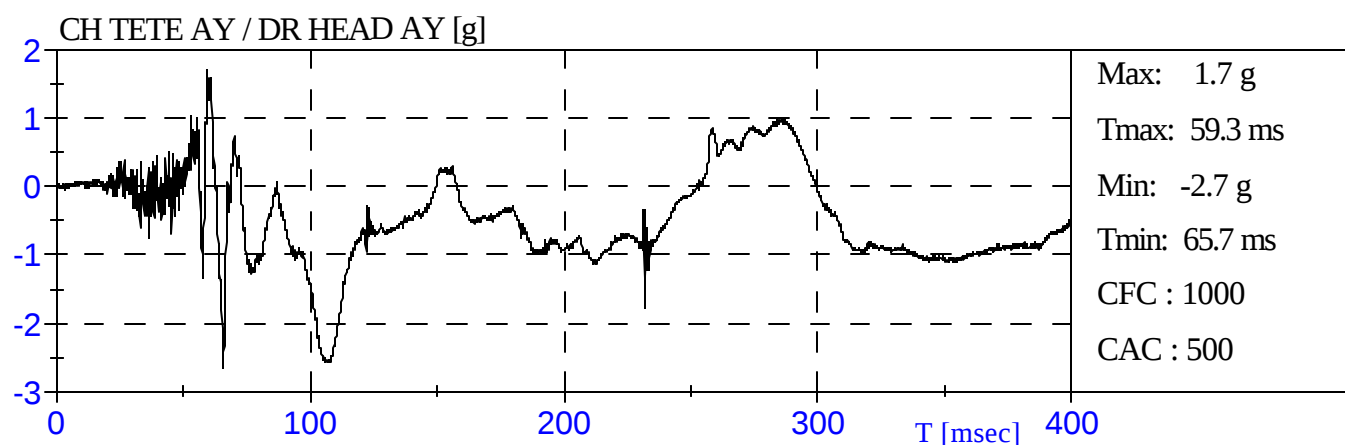
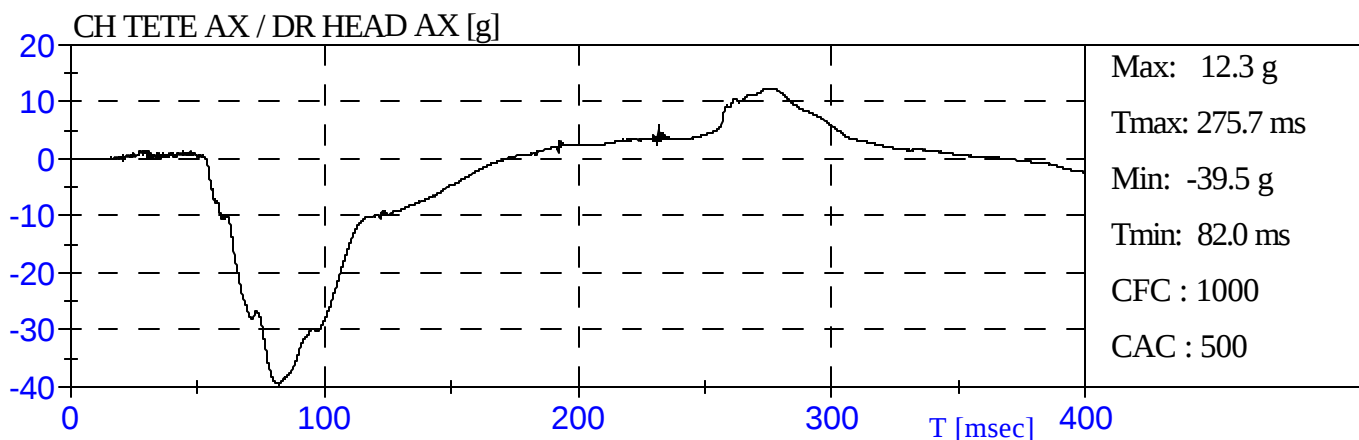
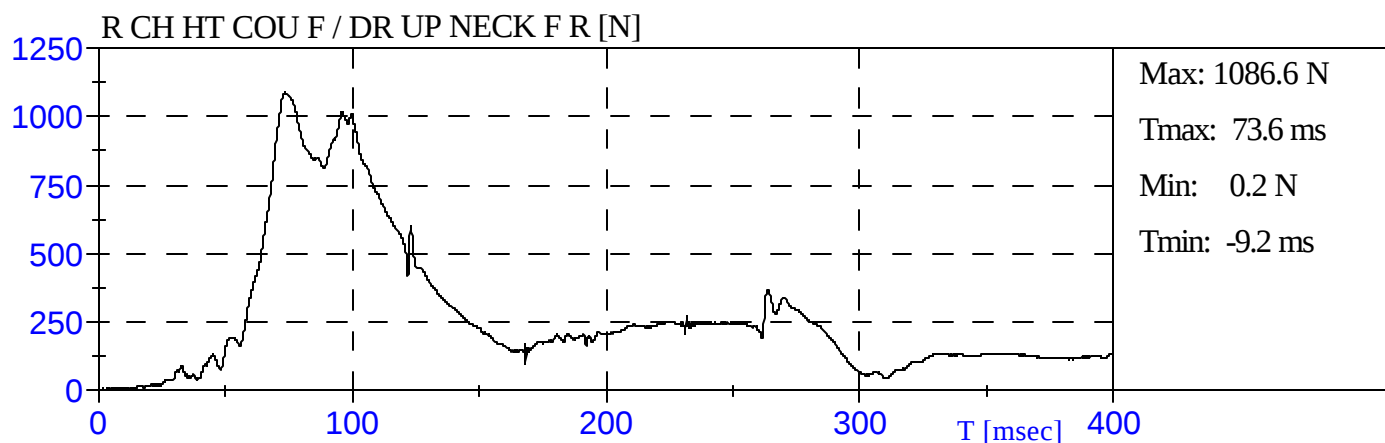
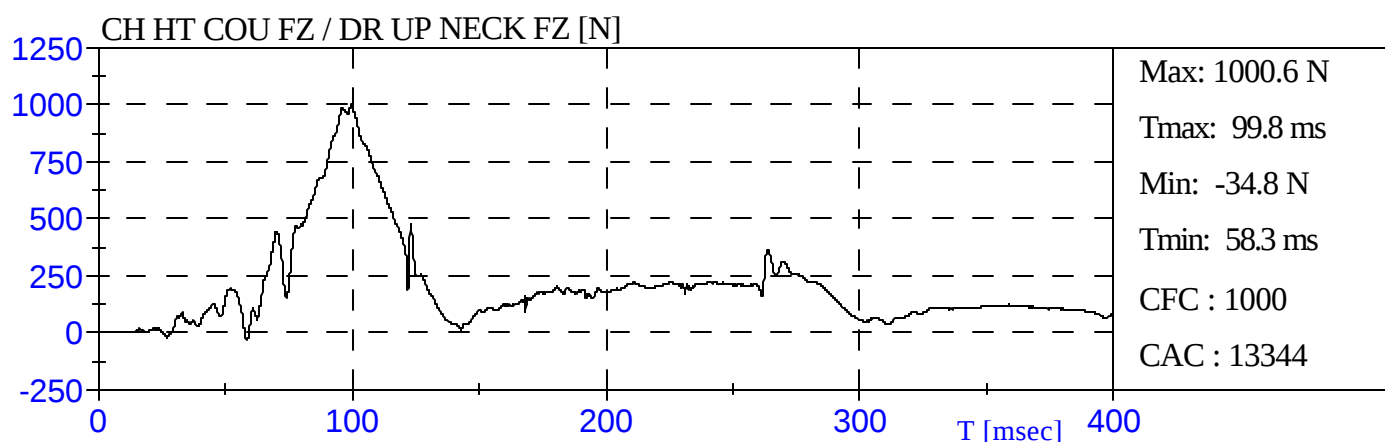
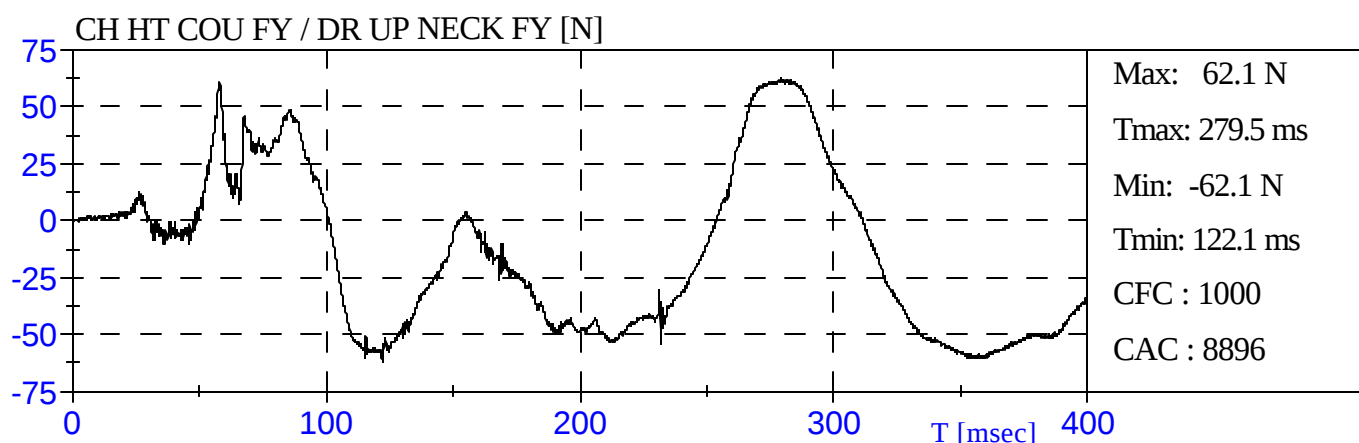
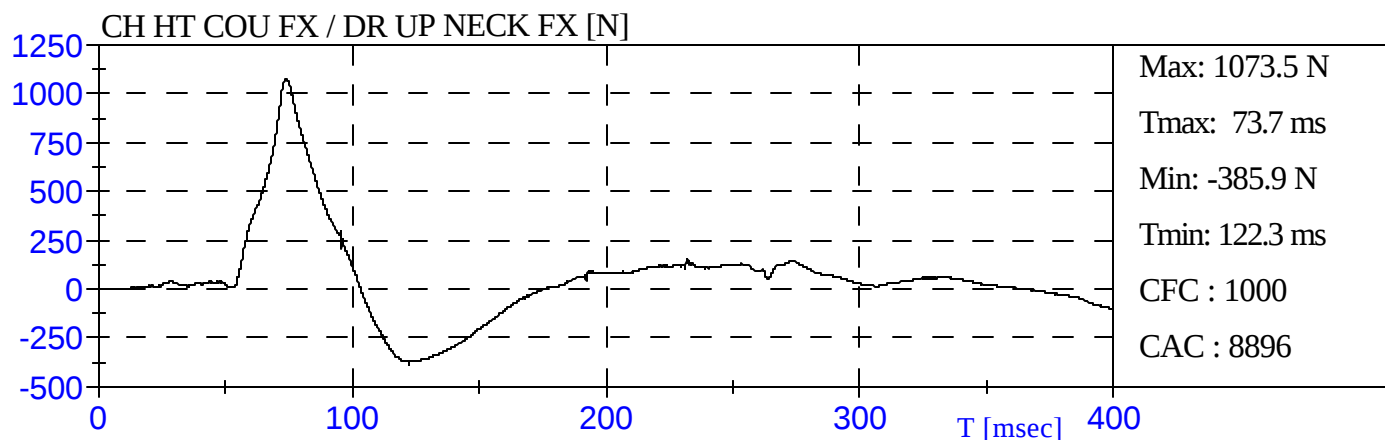
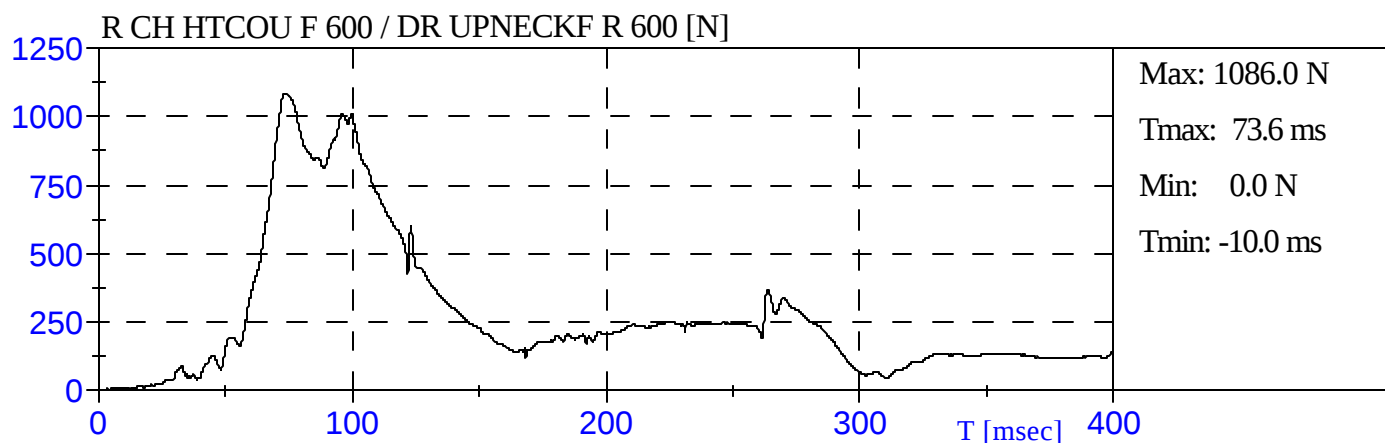
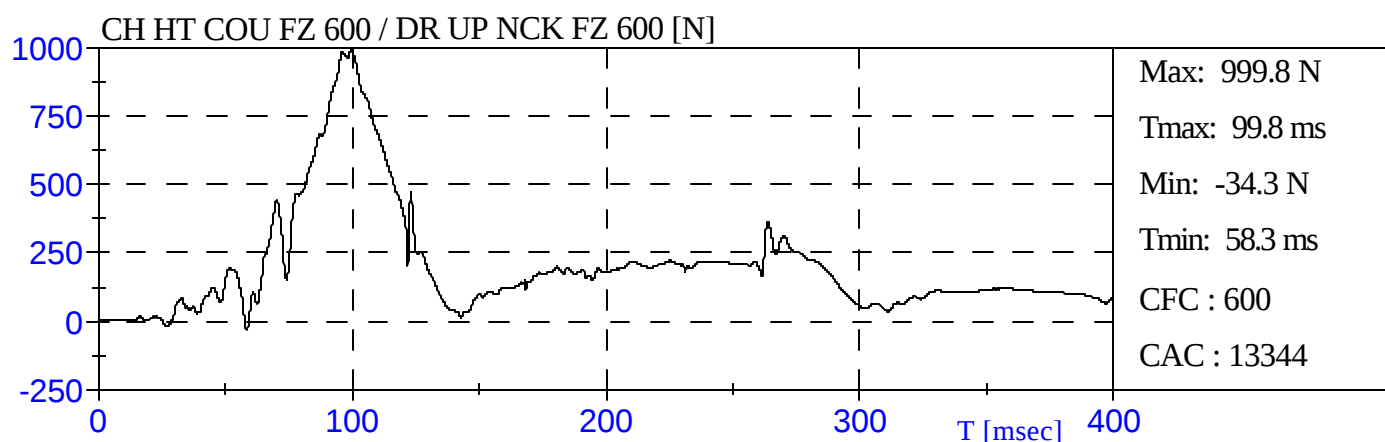
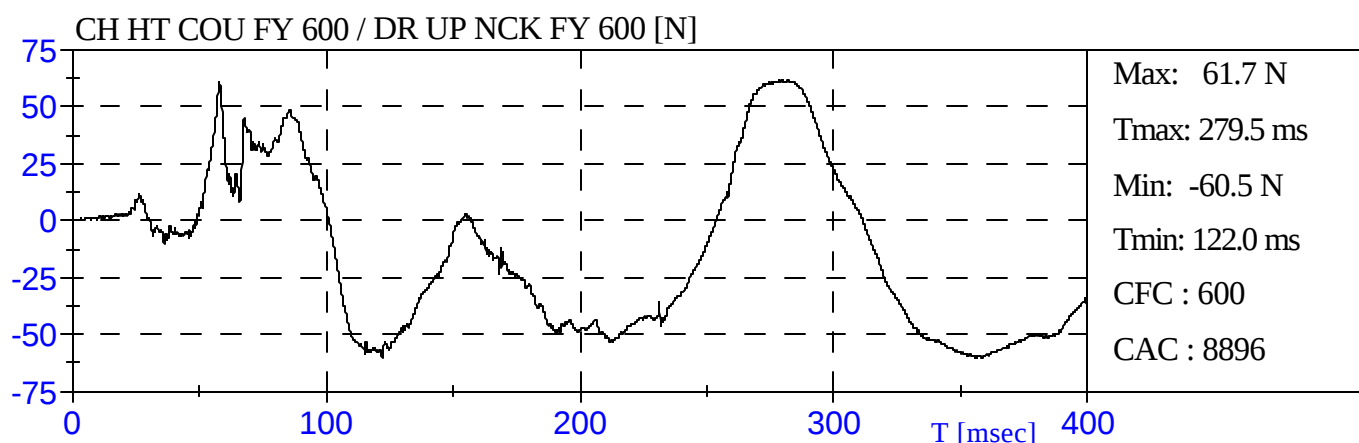
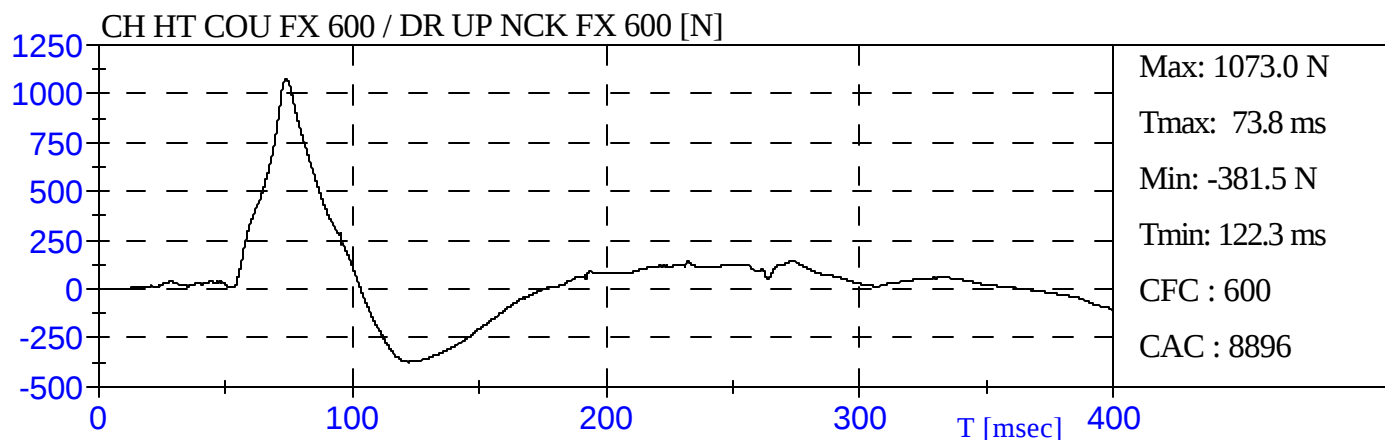
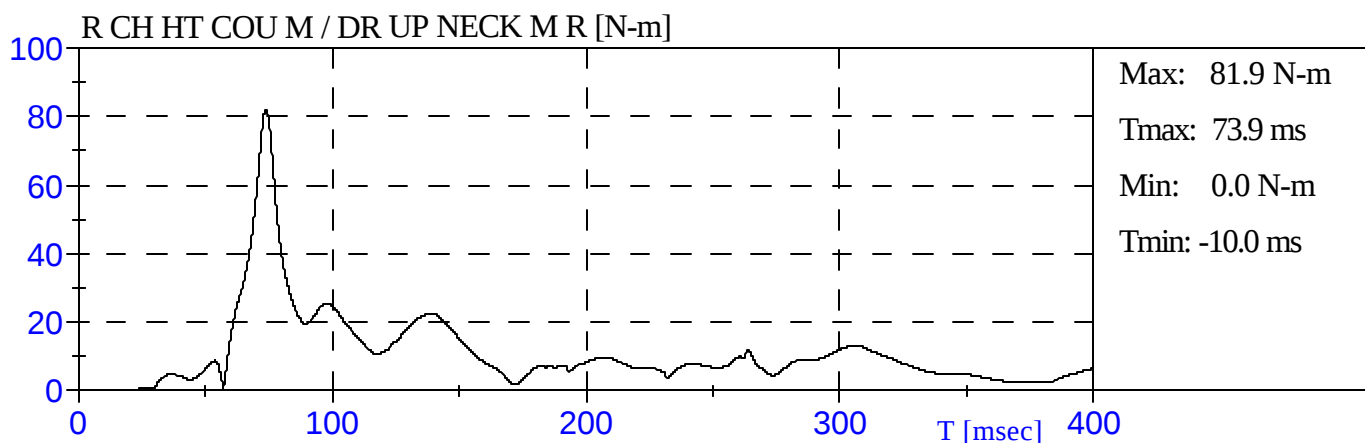
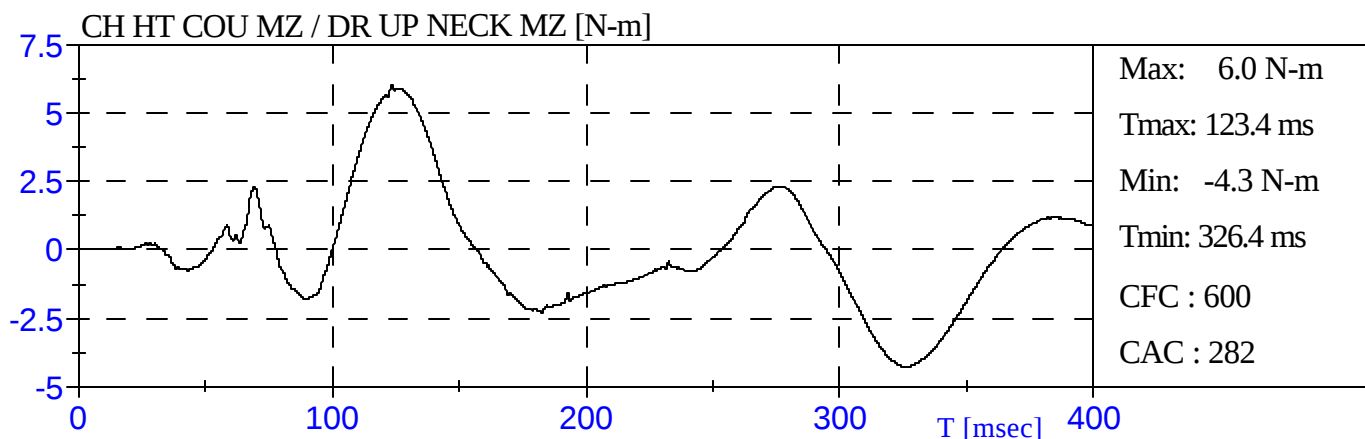
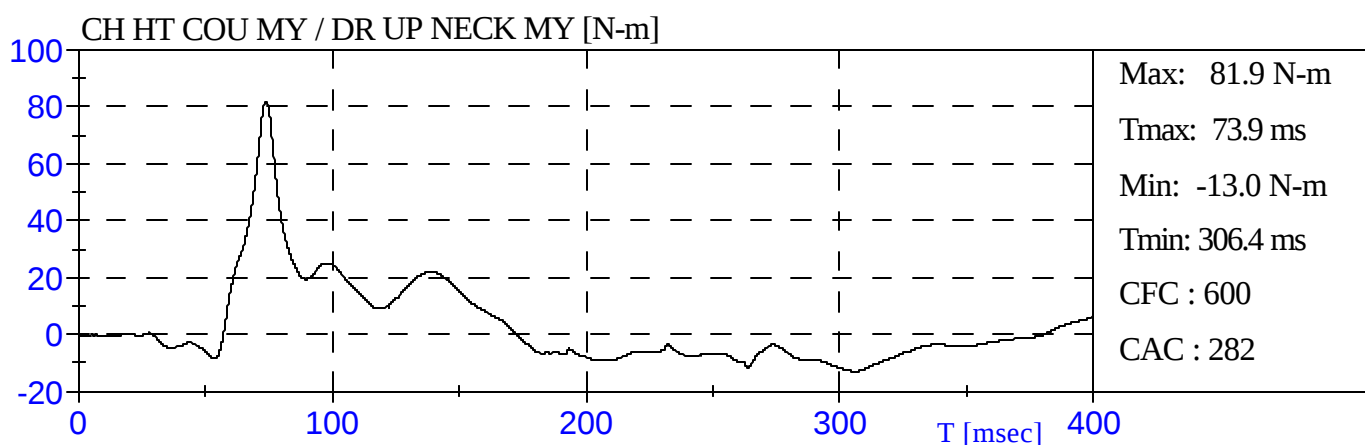
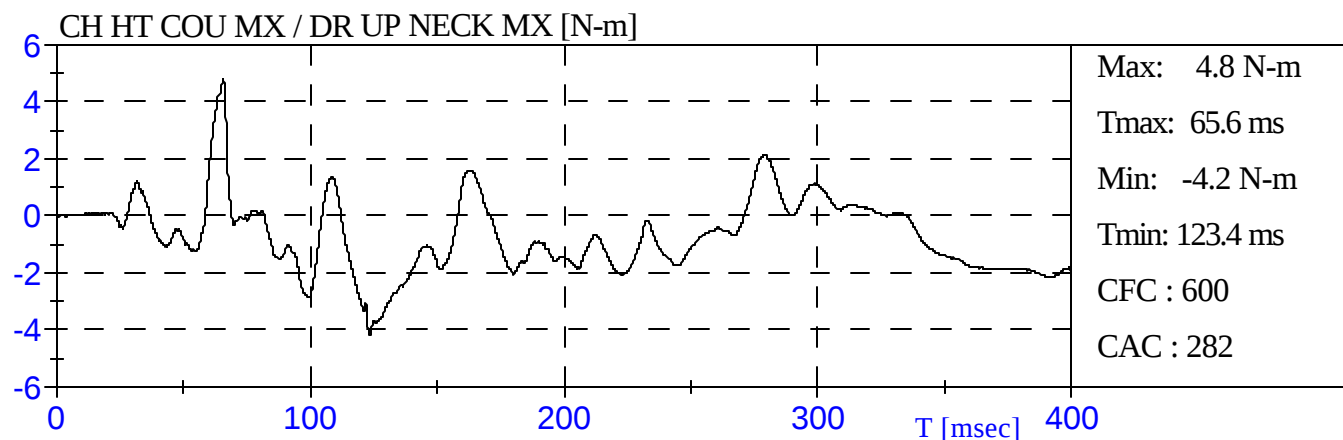


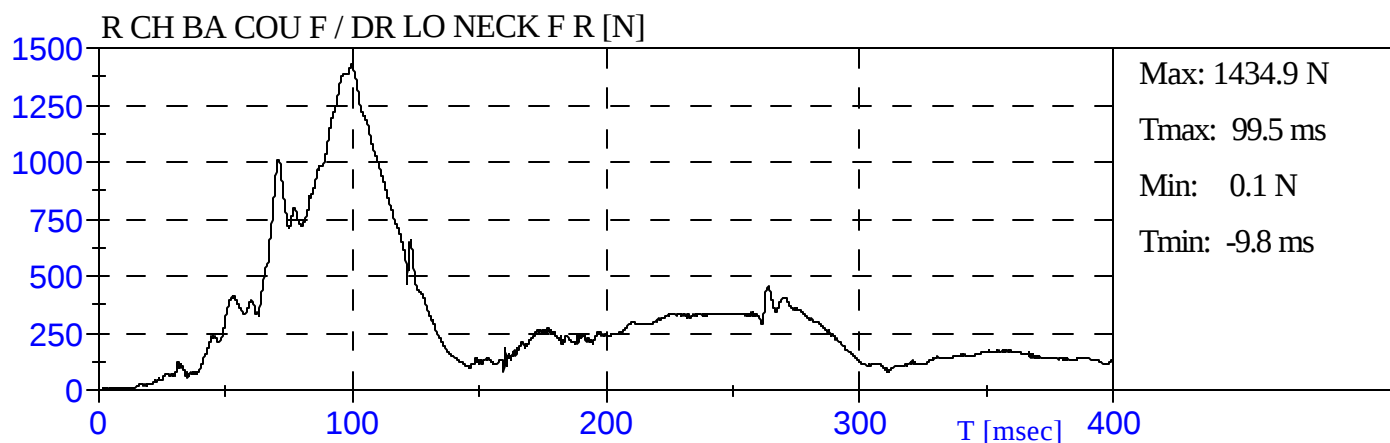
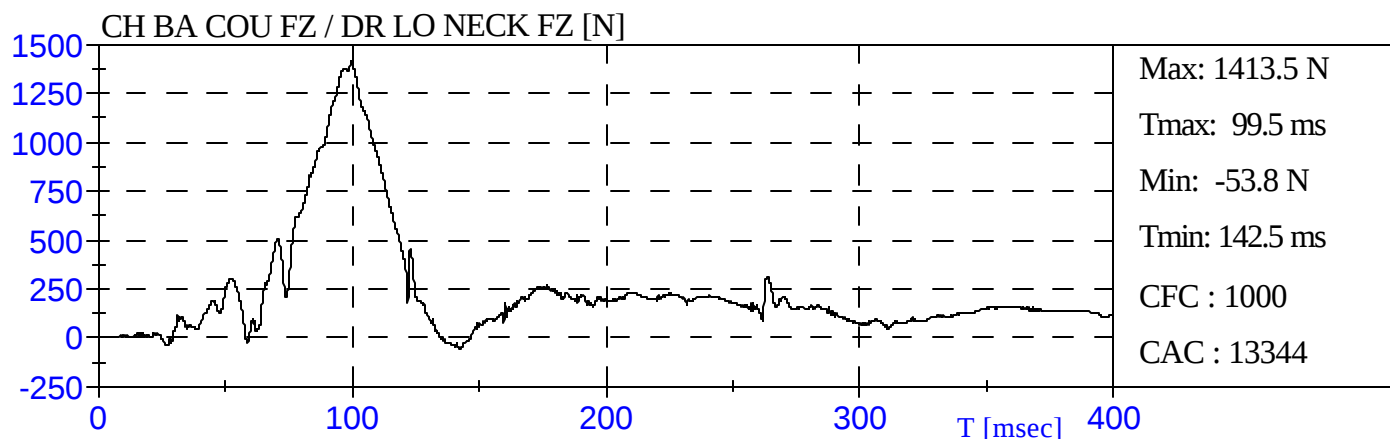
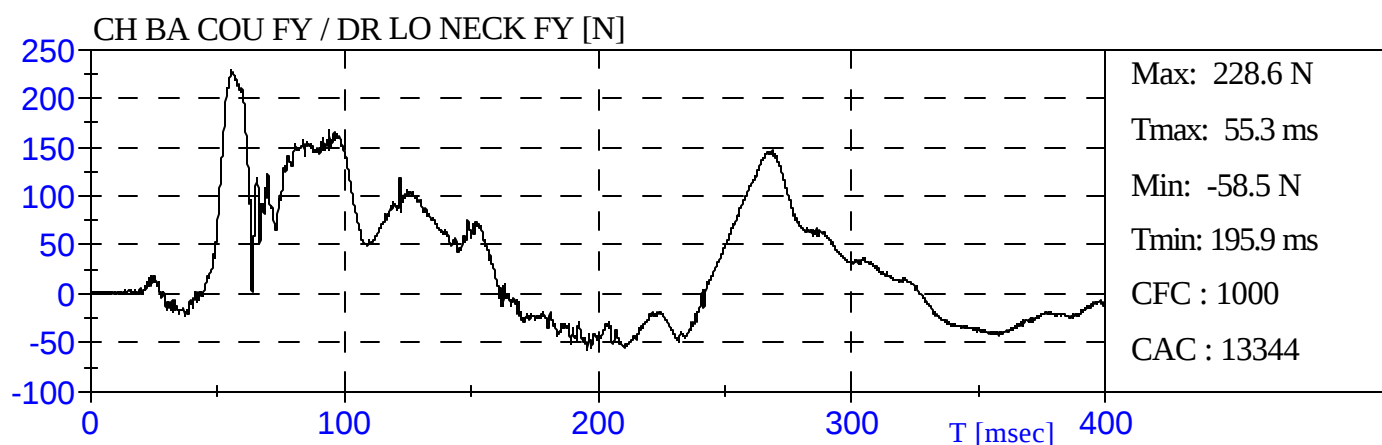
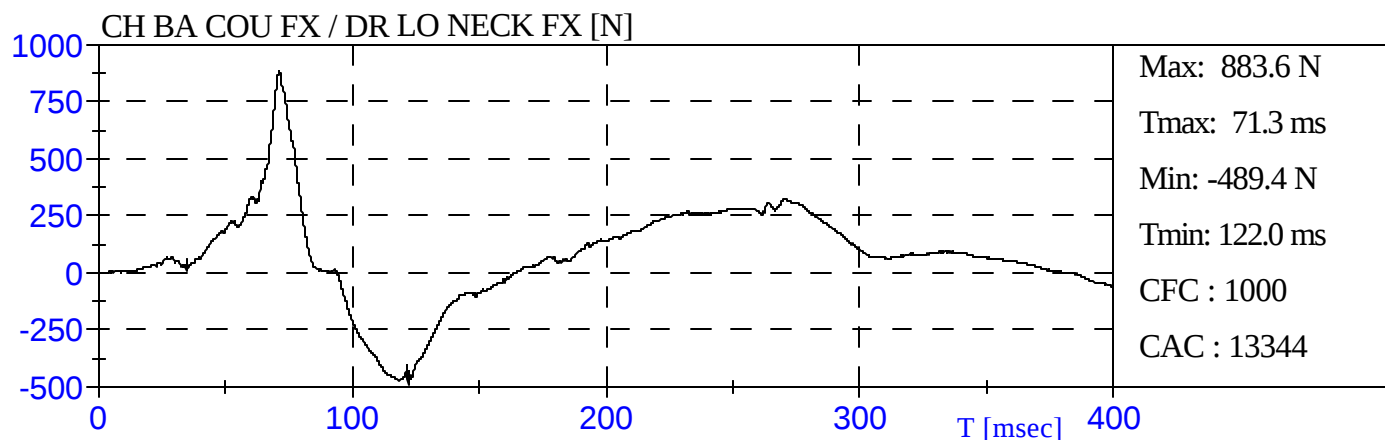
Nom du client Client Name	TRANSPORT CANADA.
Type de véhicule Type of Vehicle	PARK AVENUE 2003
Numéro de TC Tc Number	TC03-122
Numéro de contrat Contract No	03-6008
Acquisition de données selon Data Acquisition according to	SAE J211/1 MAR 95
Date de l'essai Test date	2003-02-20
Titre du projet Project Title	NSVAC 208 PROTECTION DE L'OCCUPANT EN COLLISION CMVSS 208 OCCUPANT CRASH PROTECTION
MANNEQUIN / DUMMY	
Chauffeur Driver	HYBRID III 50% M
Passager Passenger	HYBRID III 50% M
Passager 1 (arrière centre) Passenger 1 (rear center)	
Passager 2 (arrière droit) Passenger 2 (rear right)	

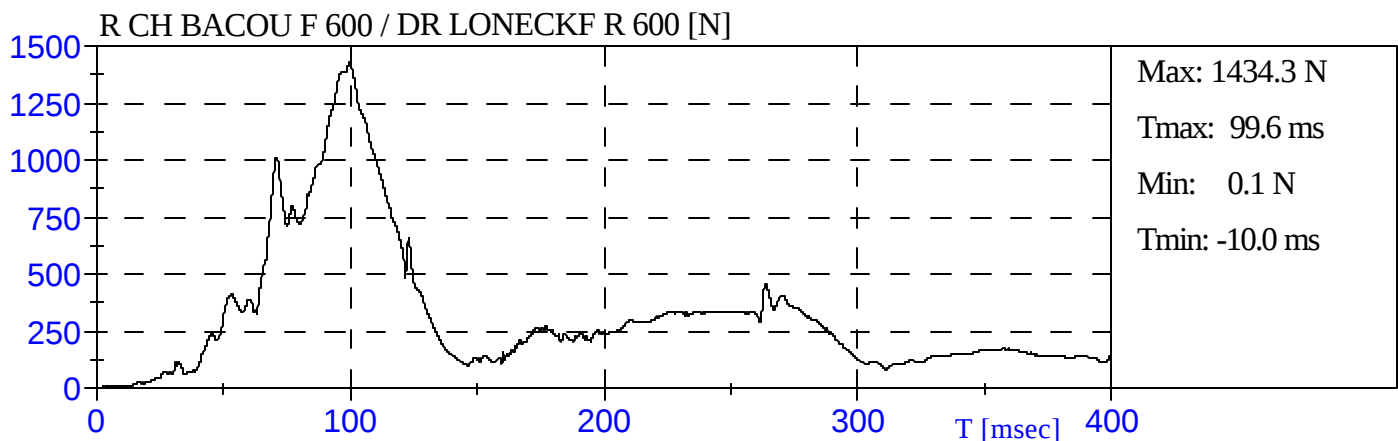
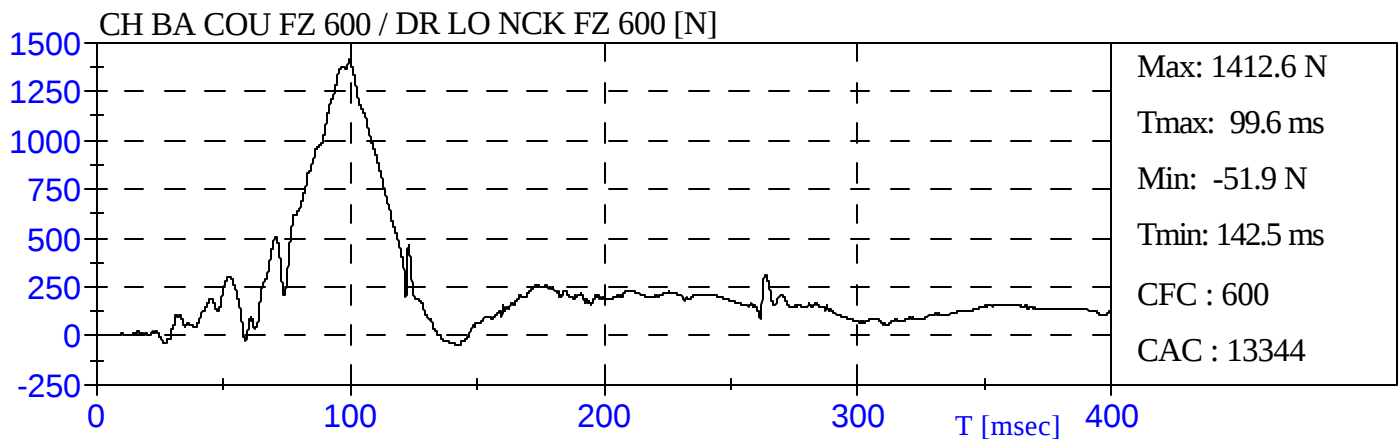
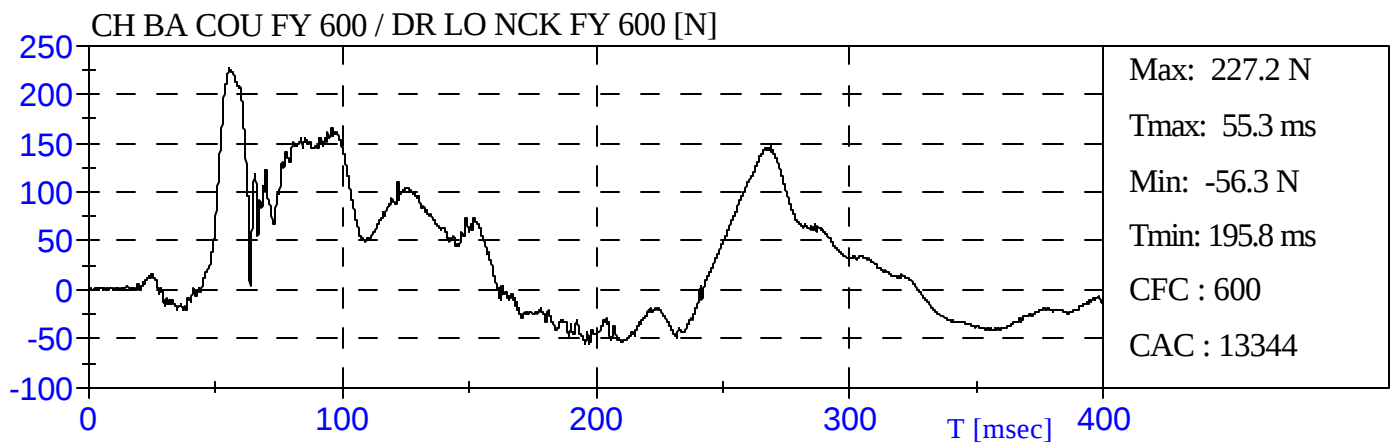
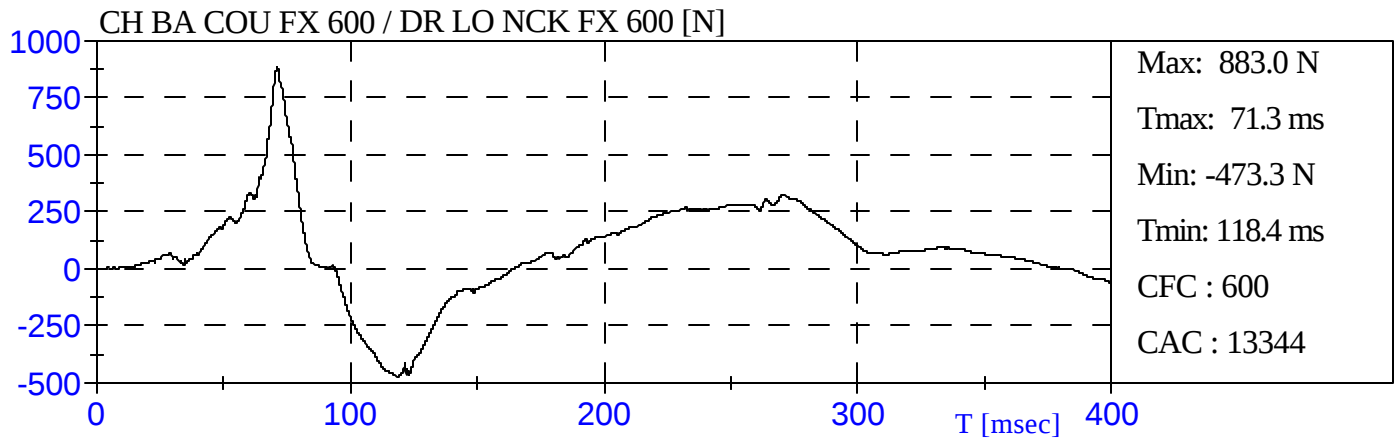


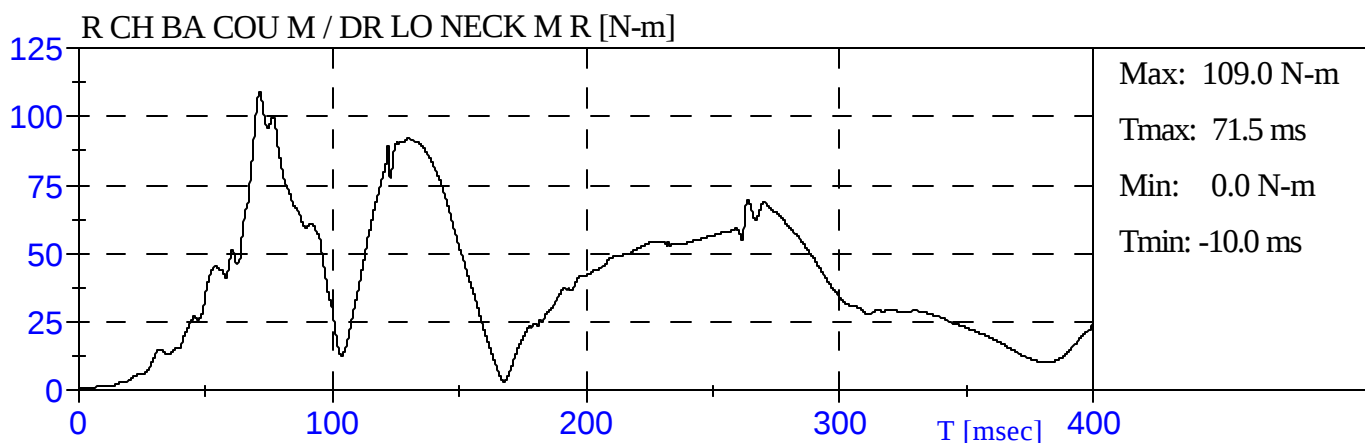
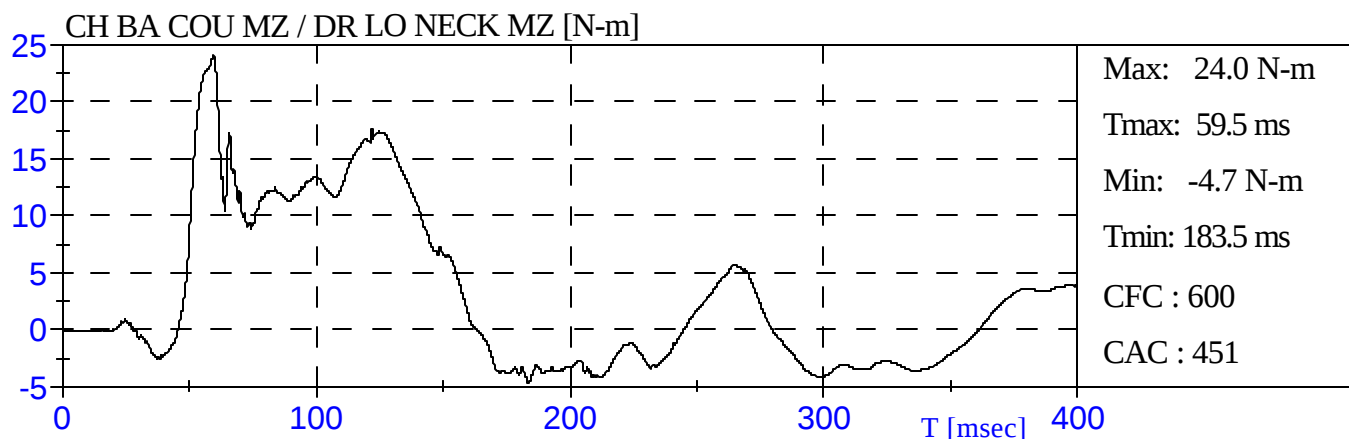
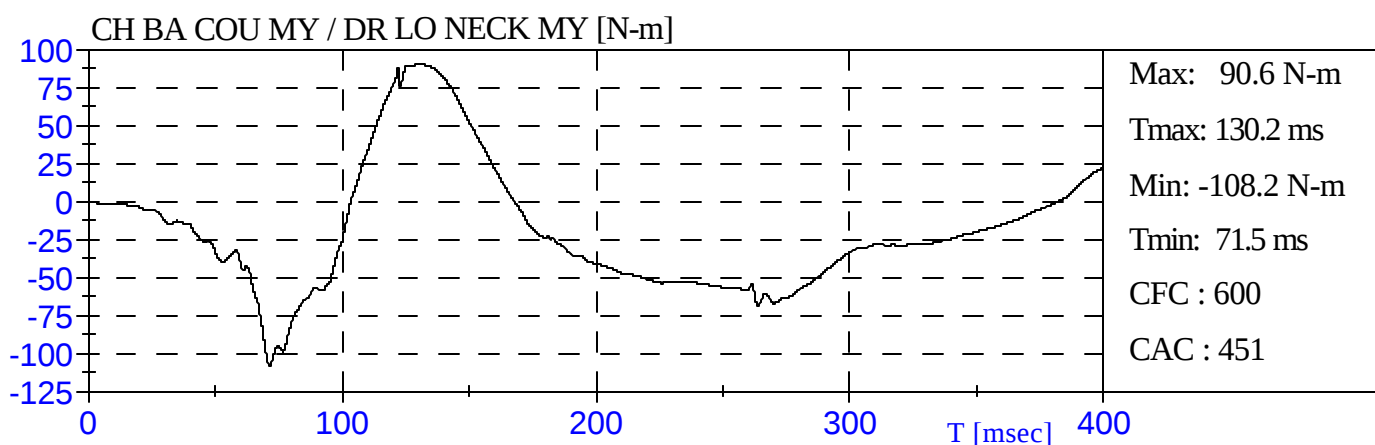
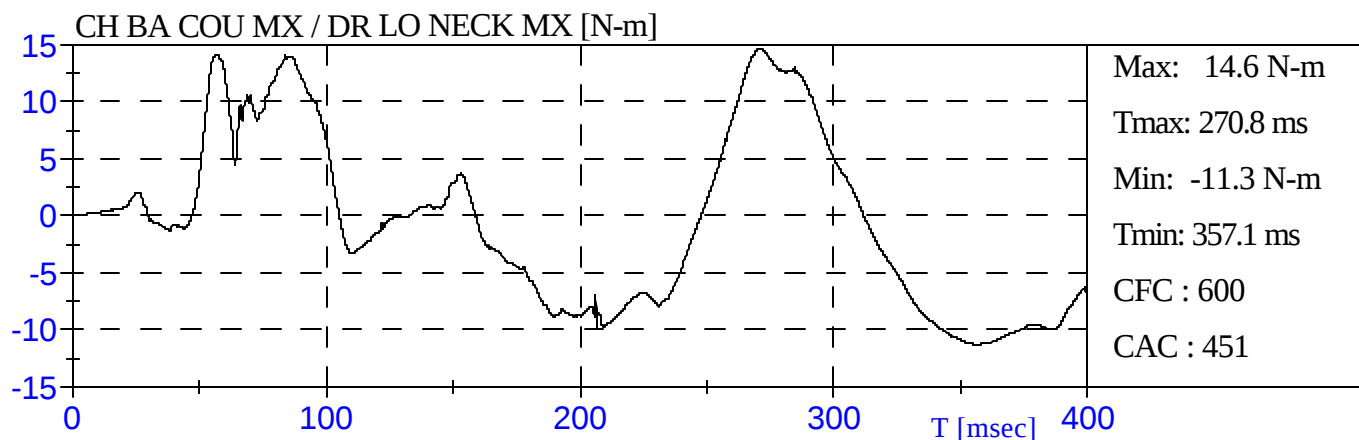


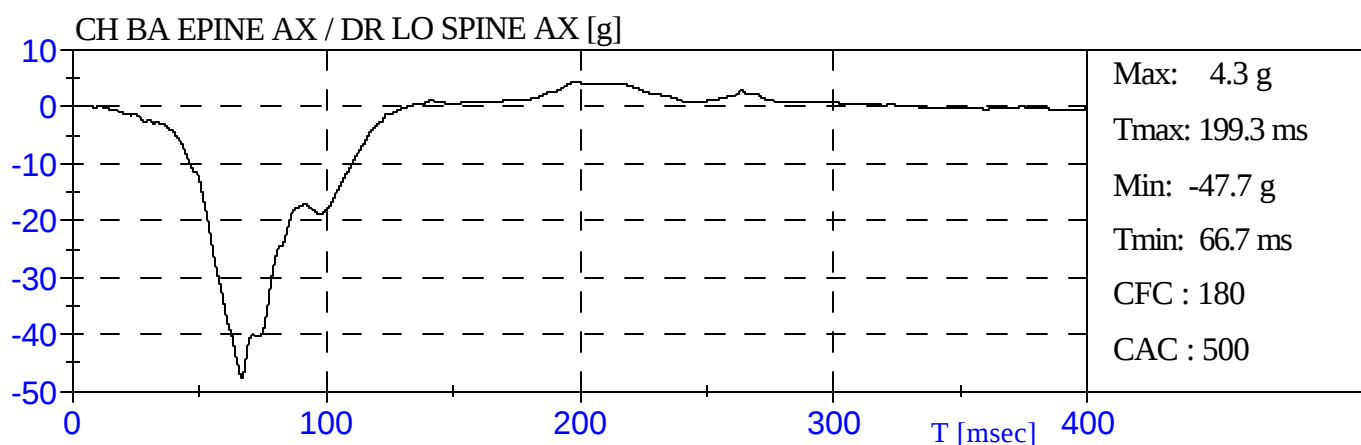
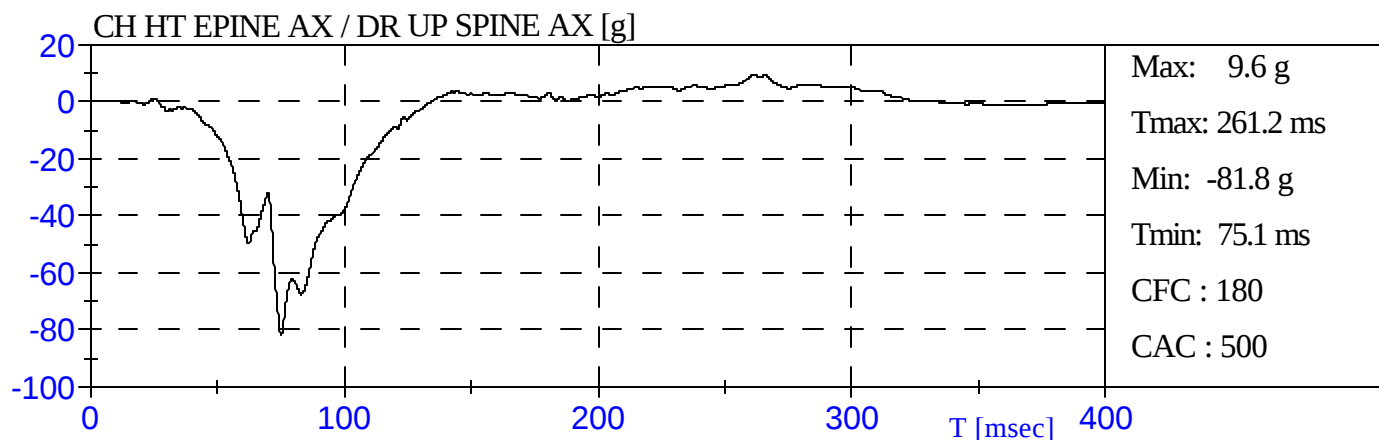


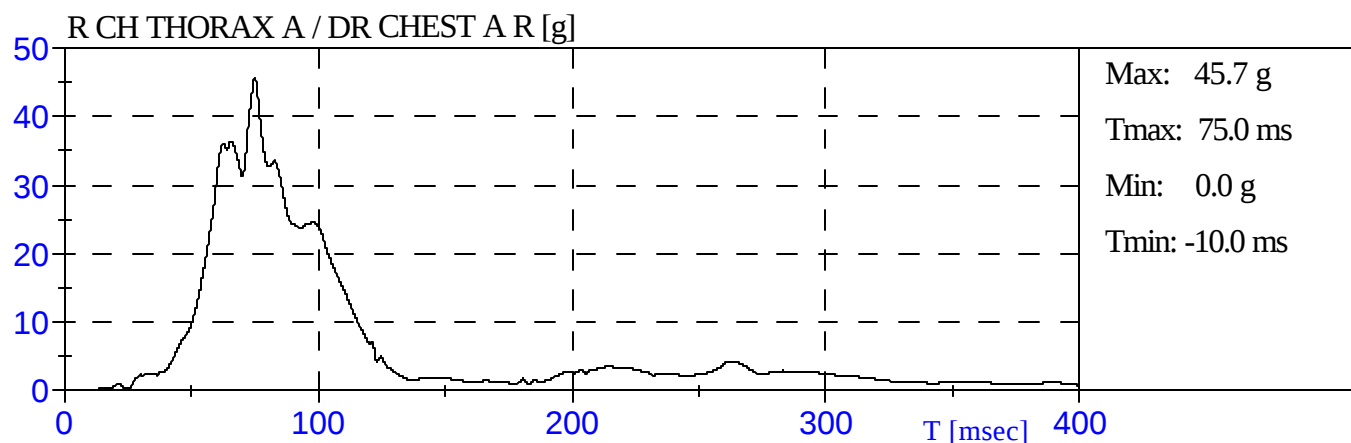
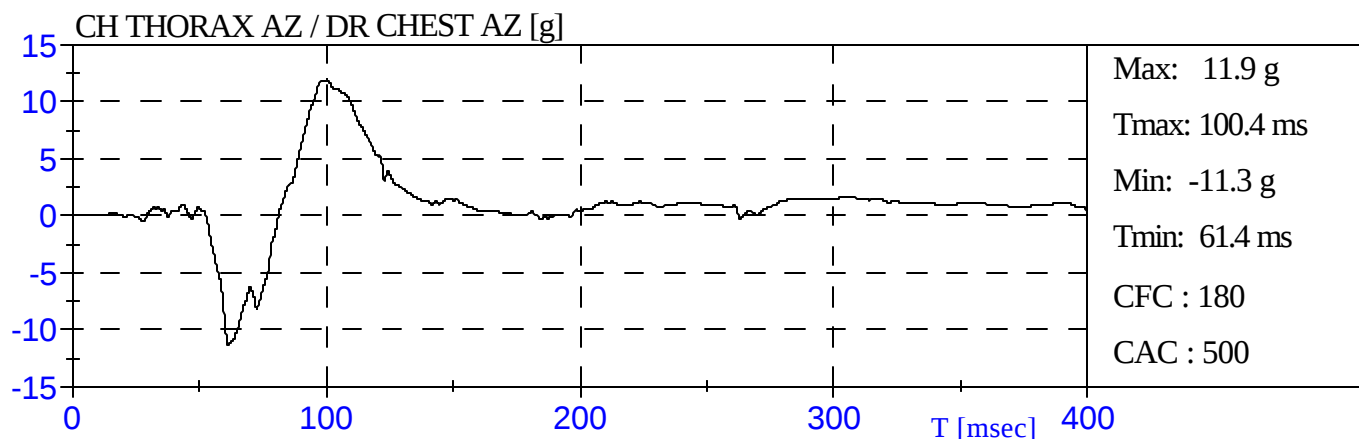
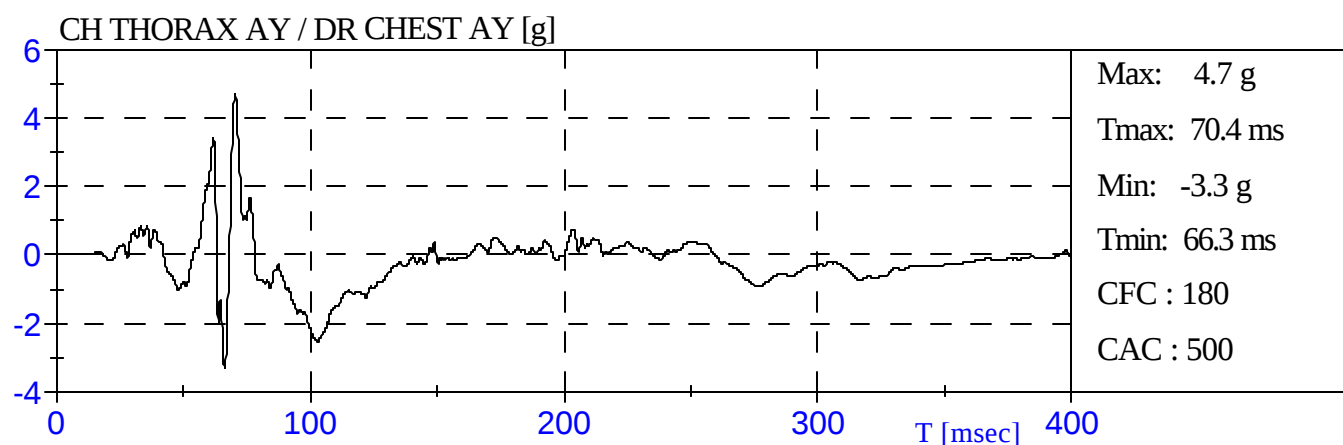
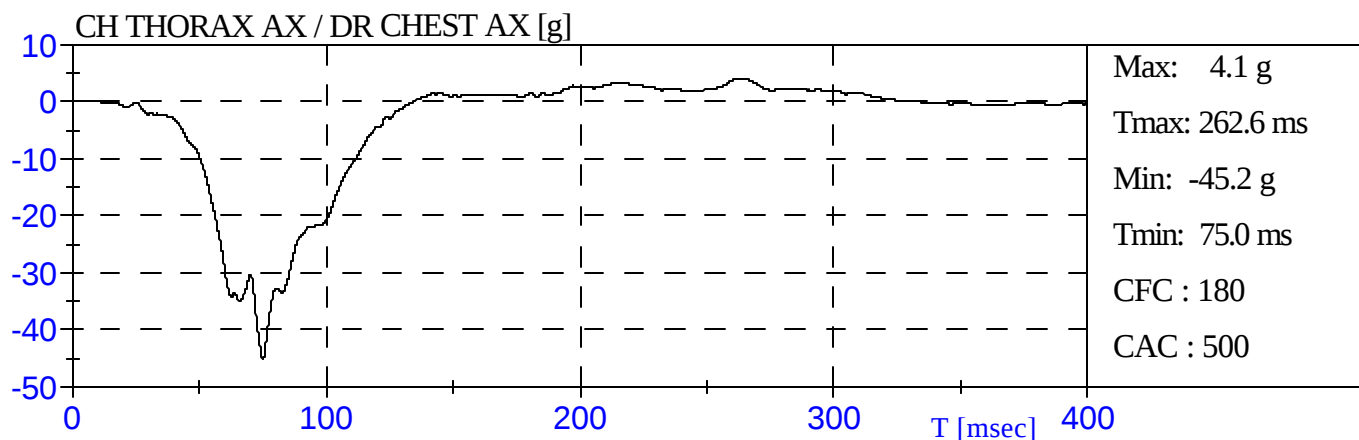


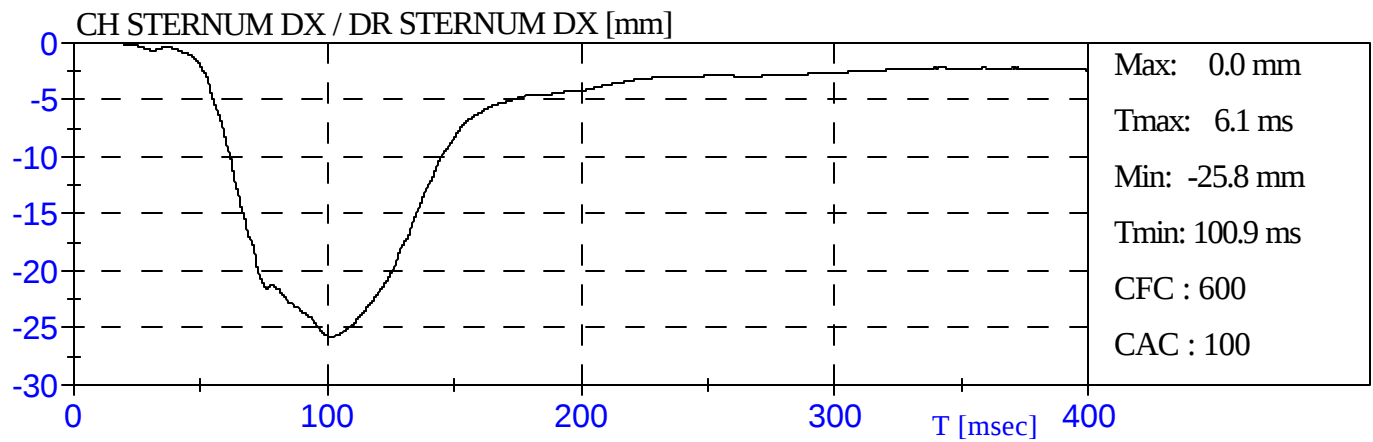


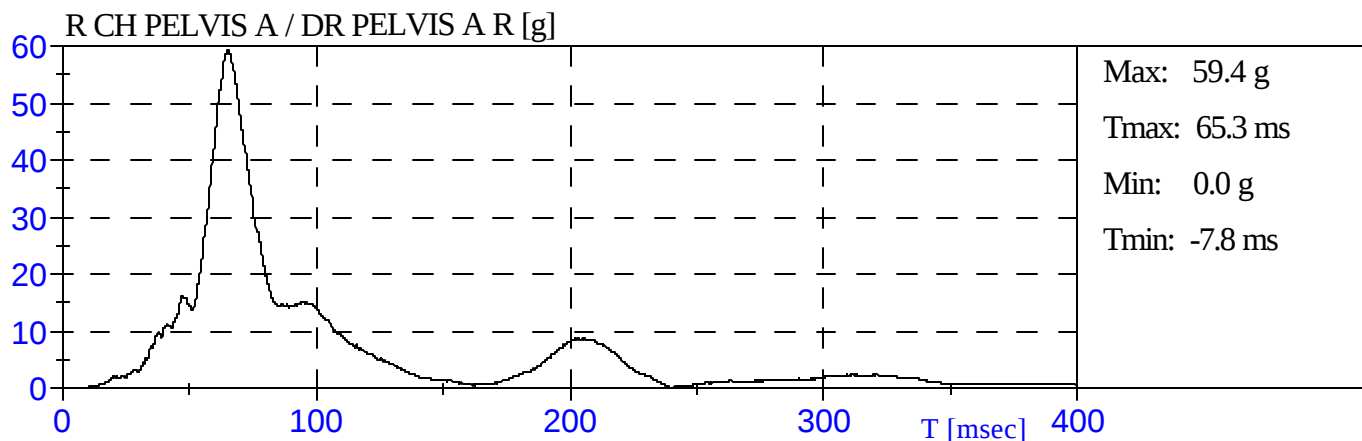
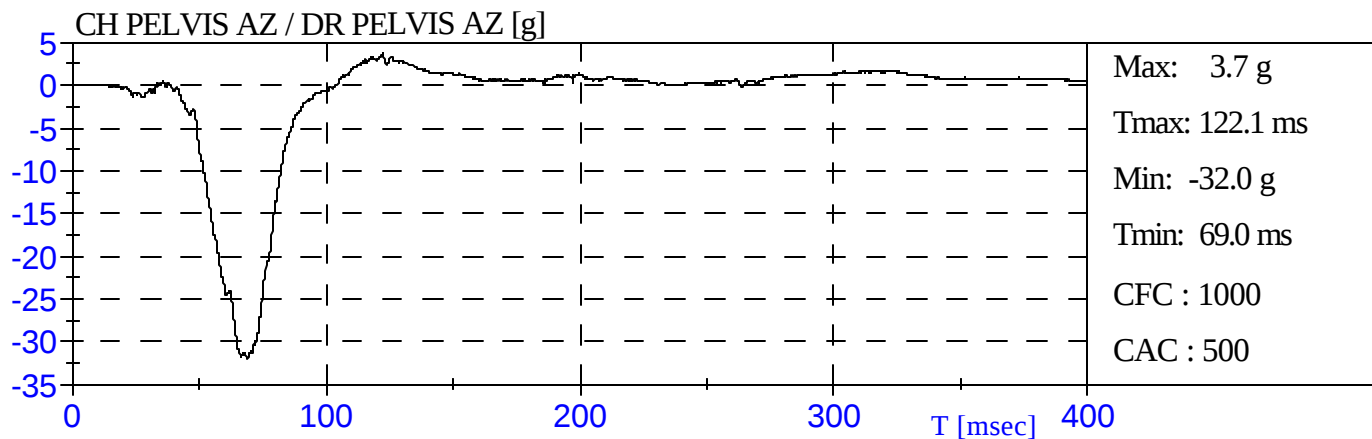
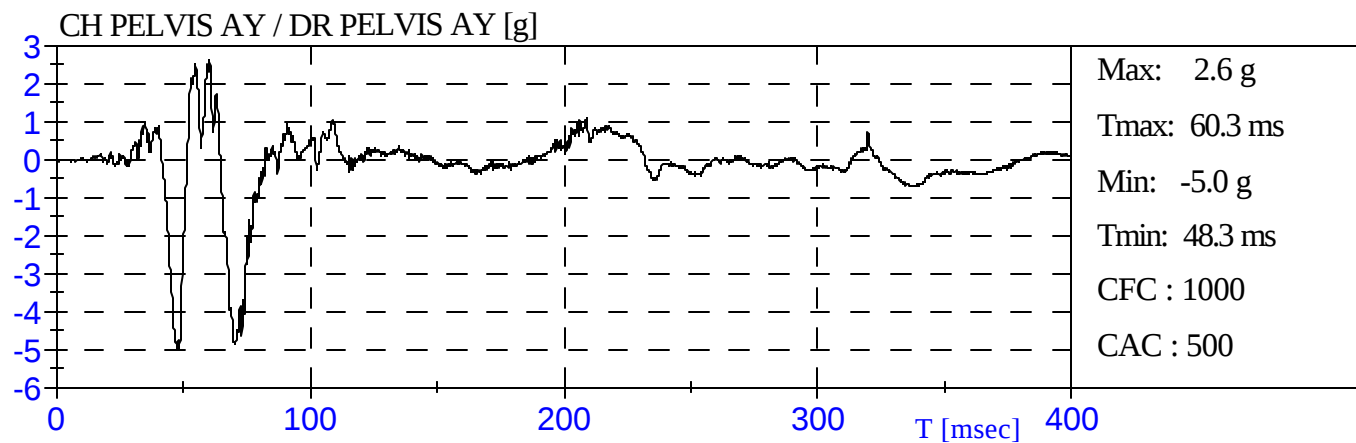
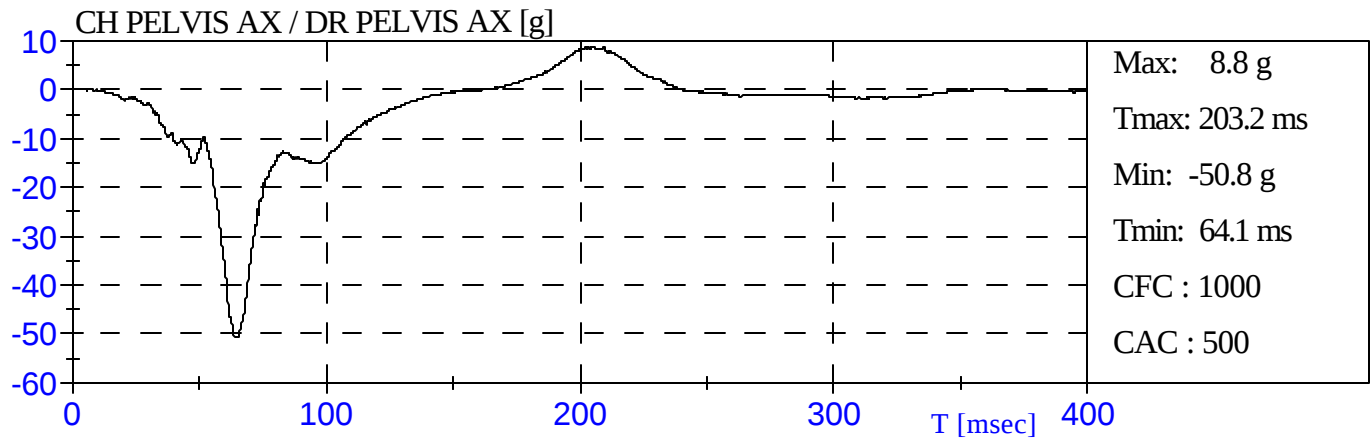


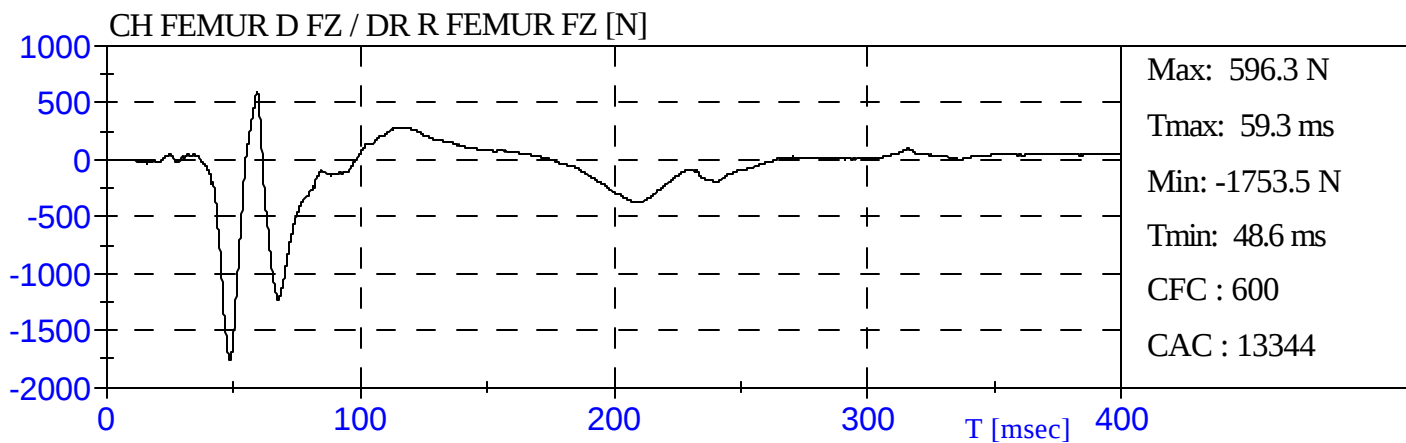
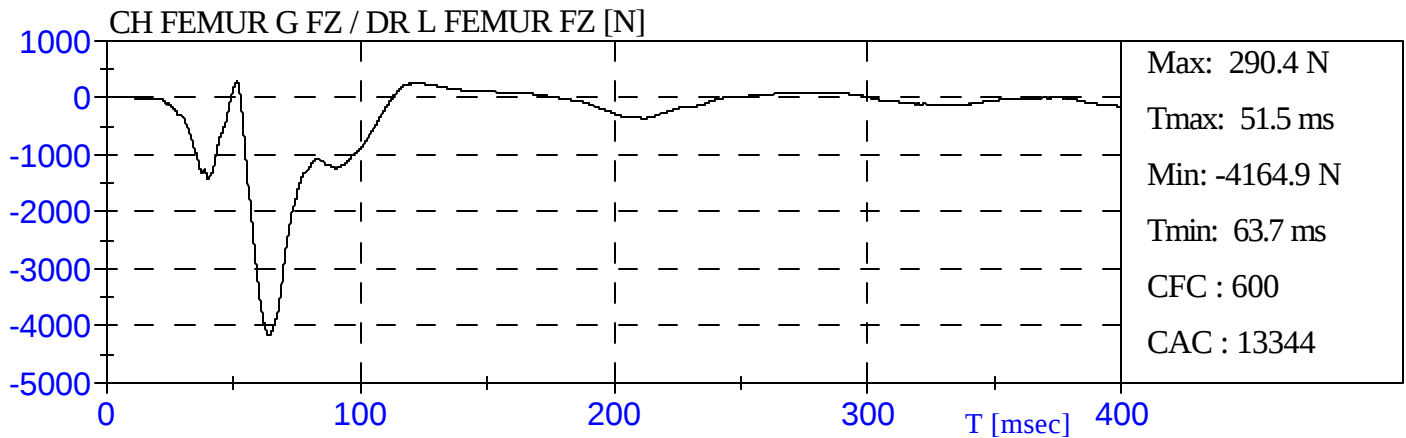


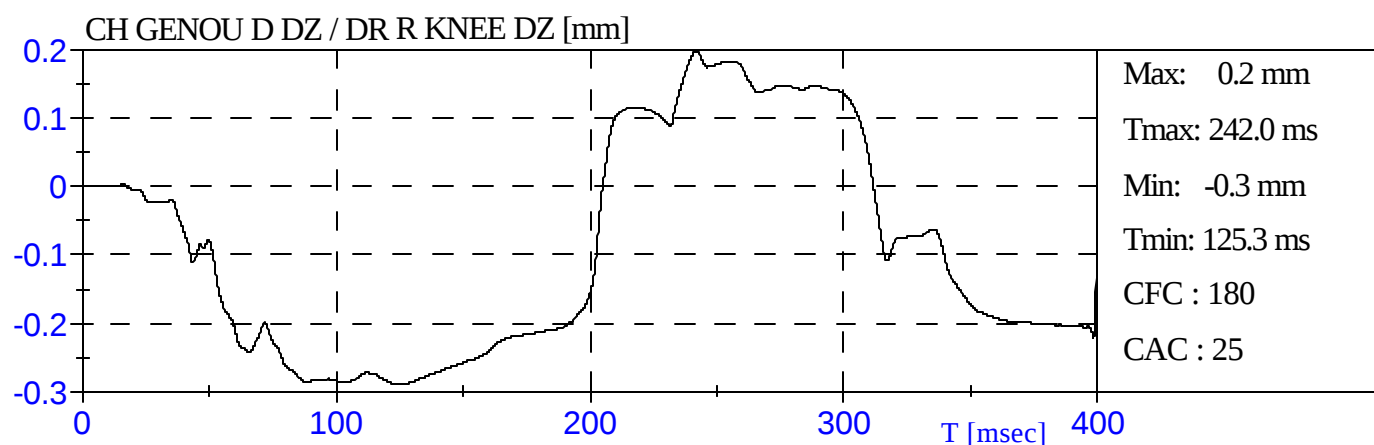
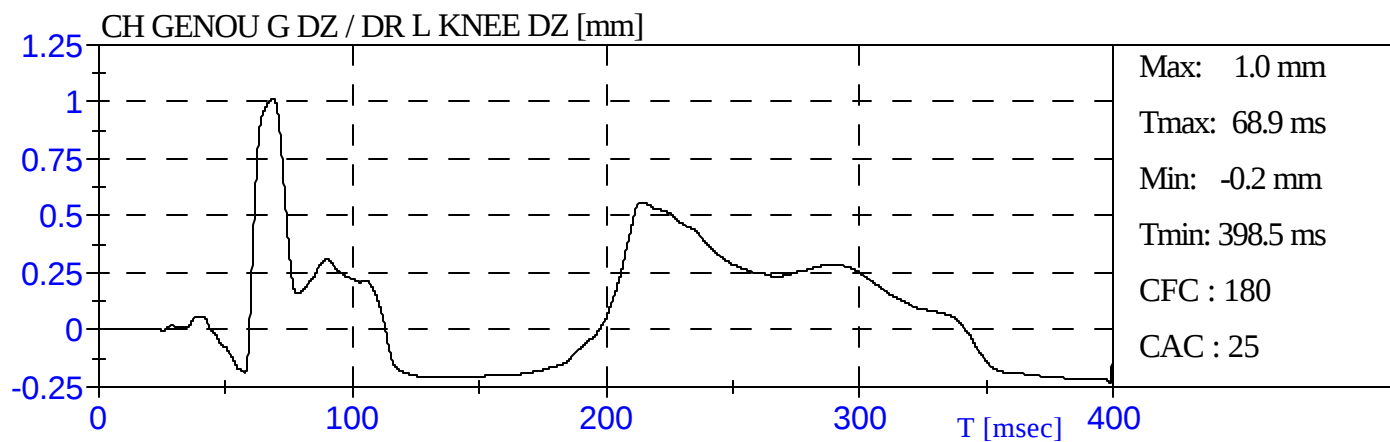


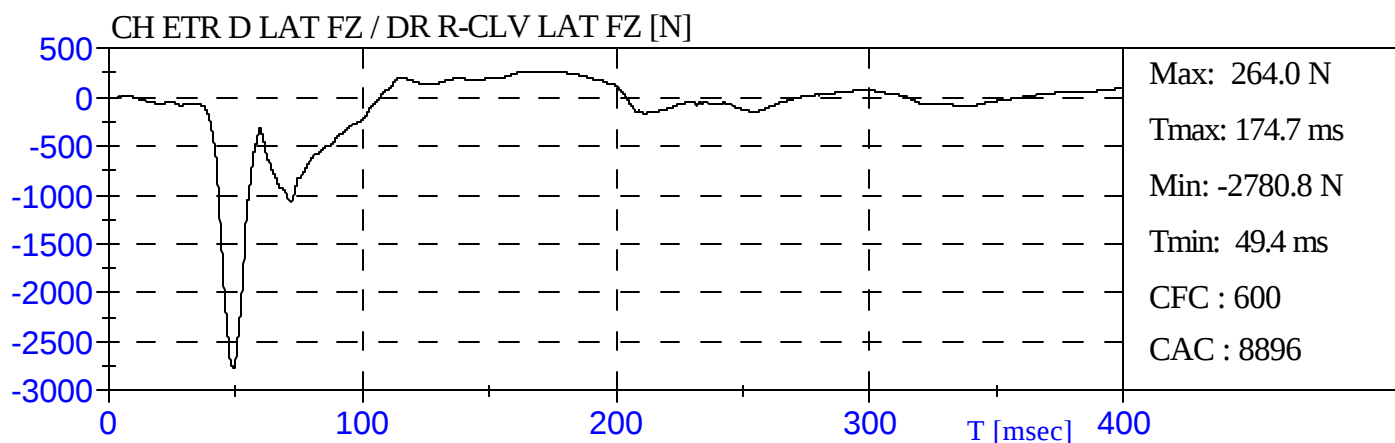
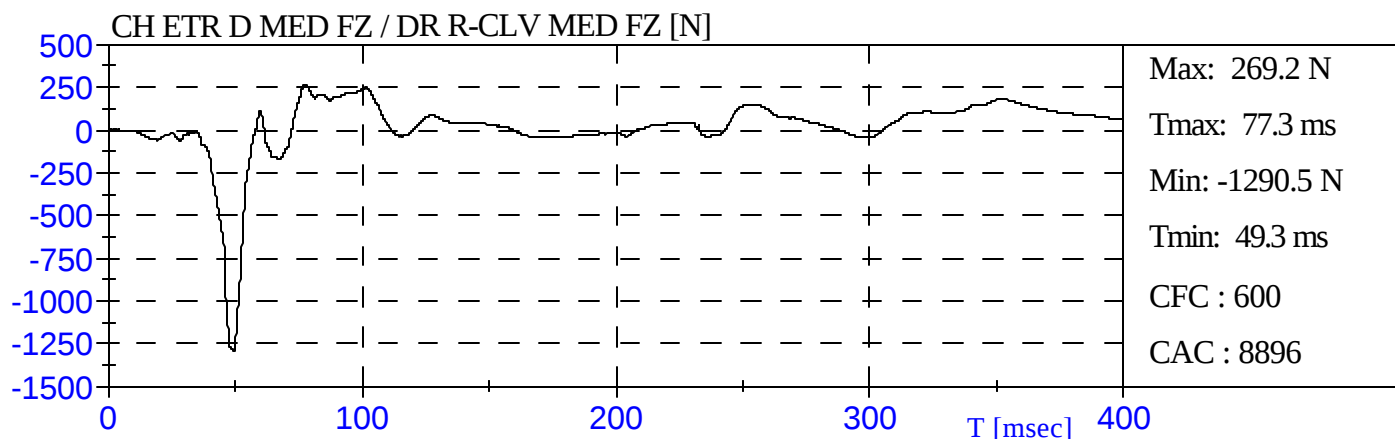
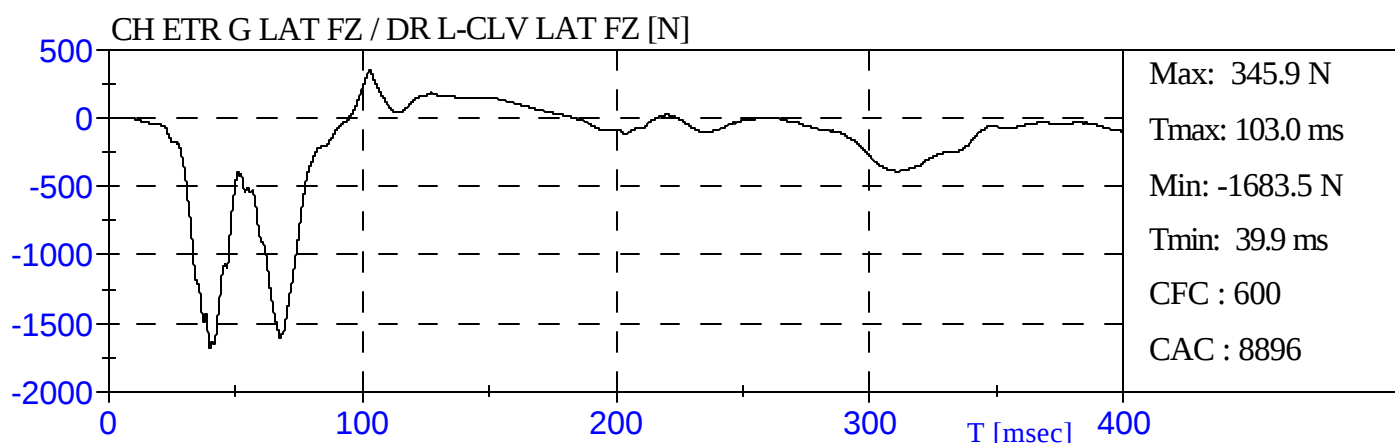
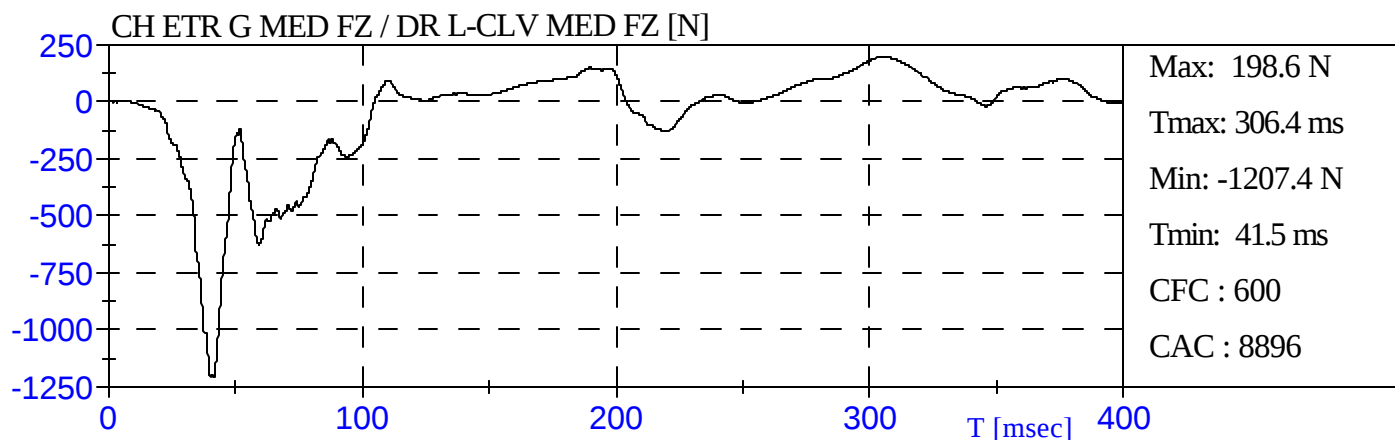


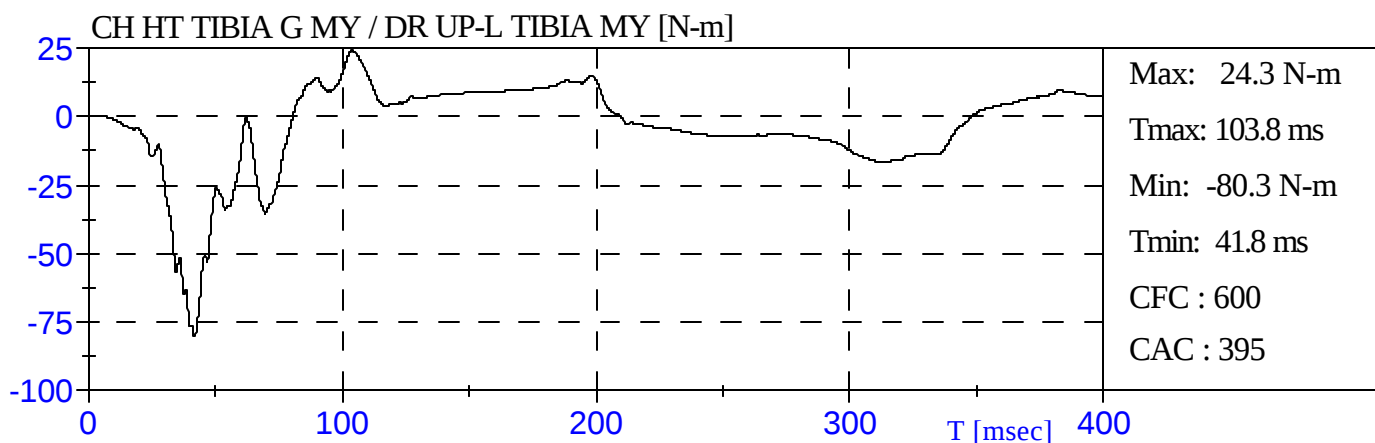
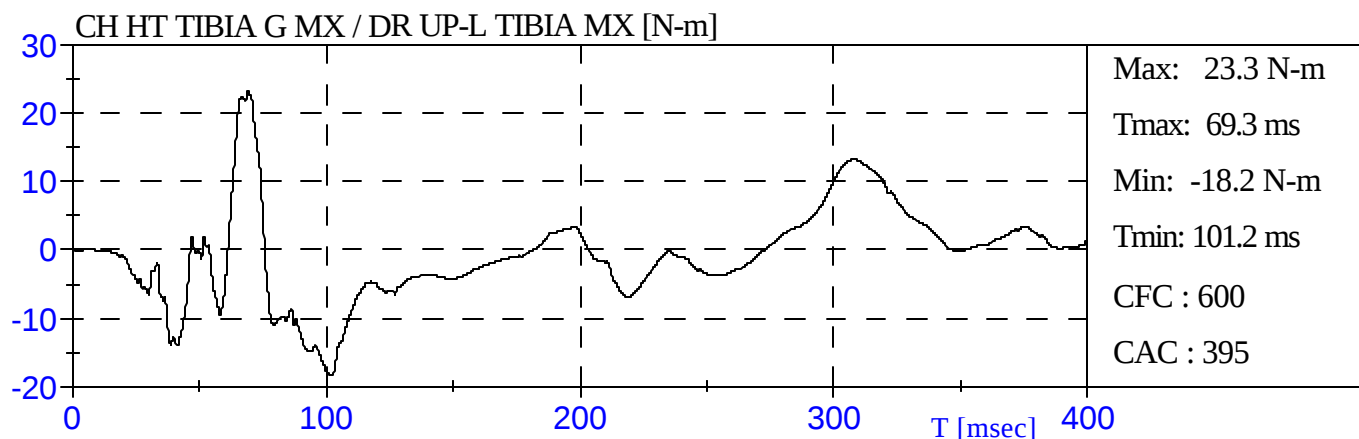
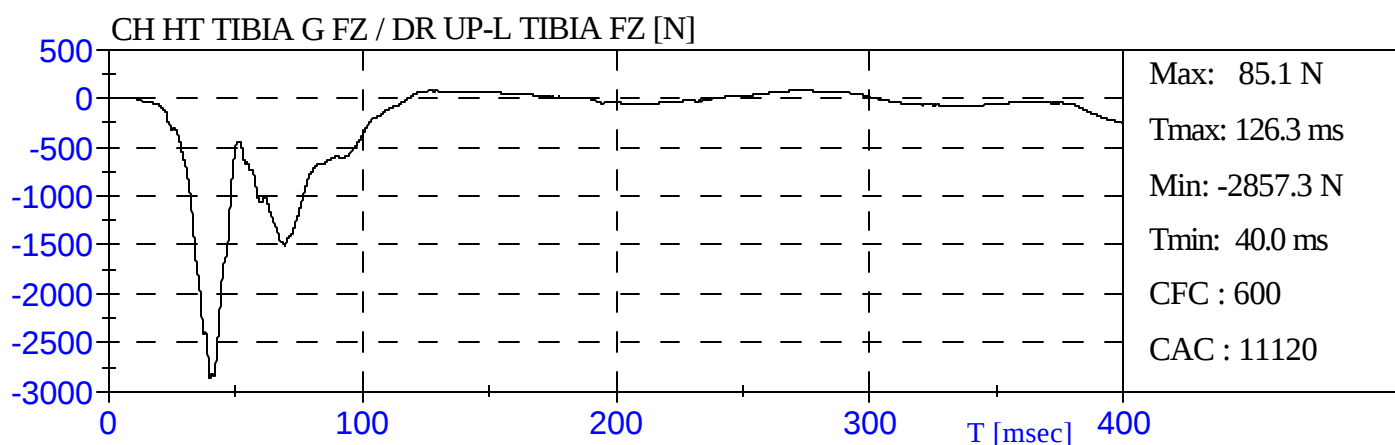
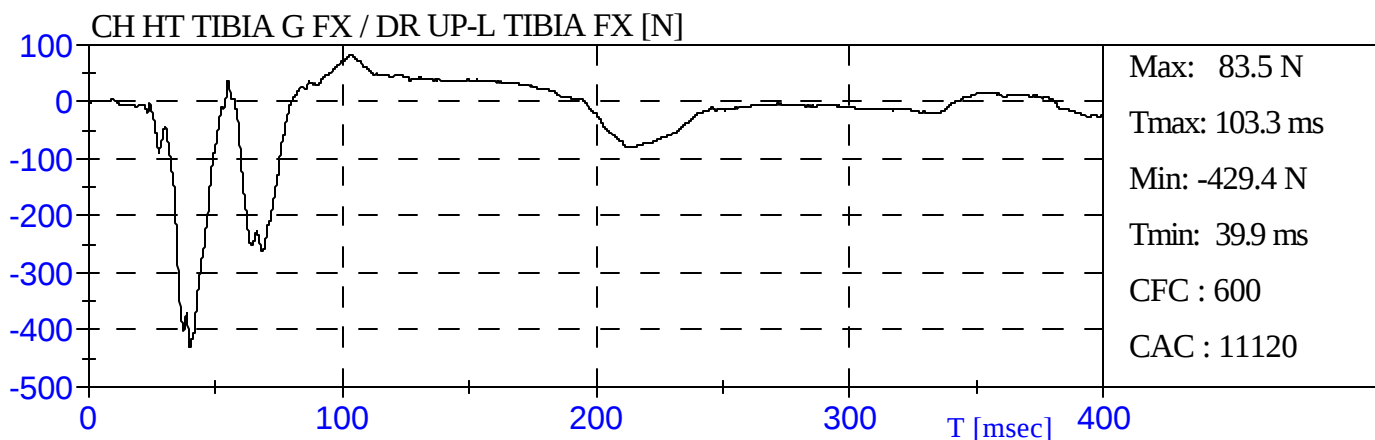


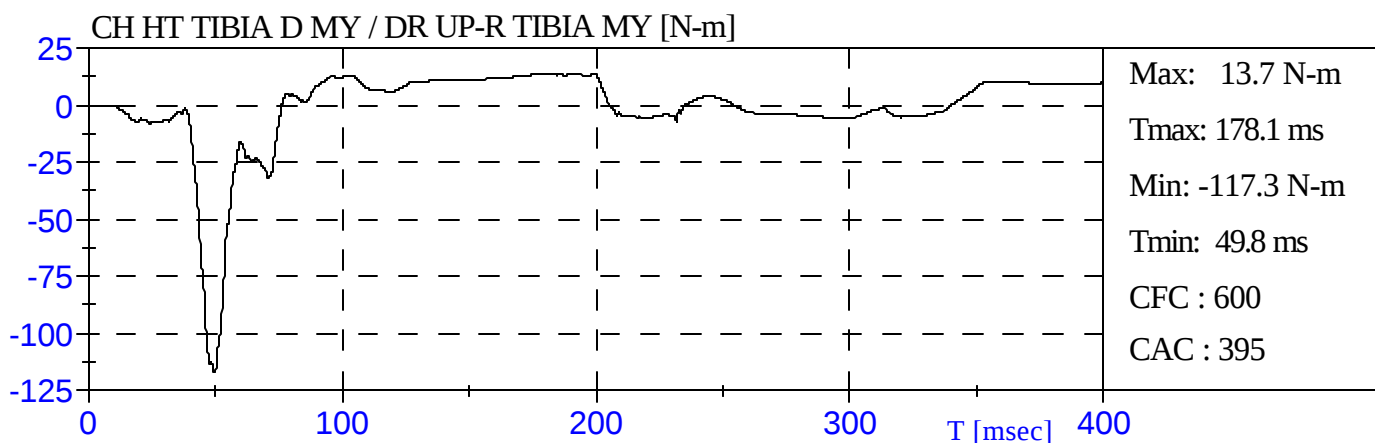
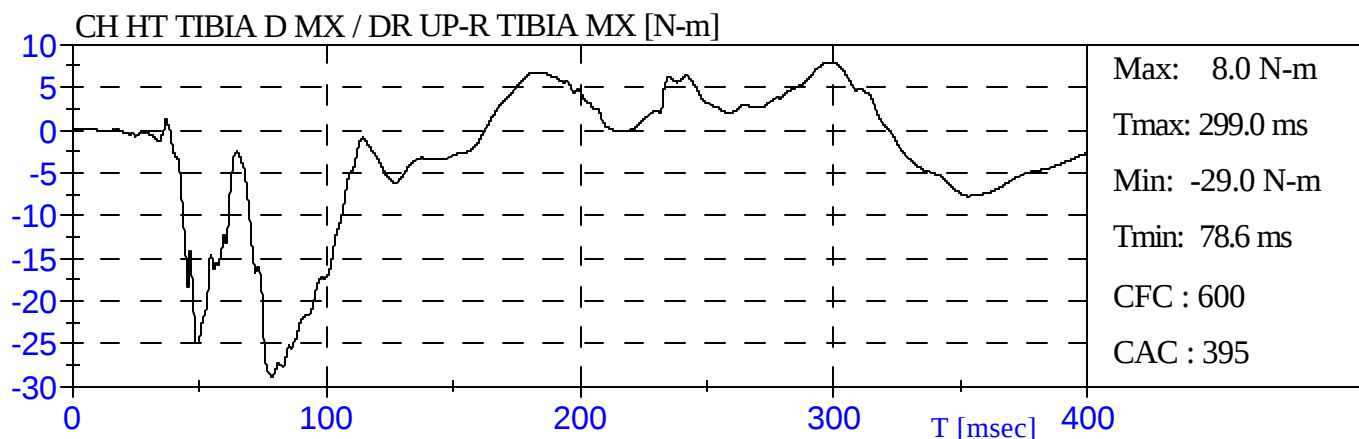
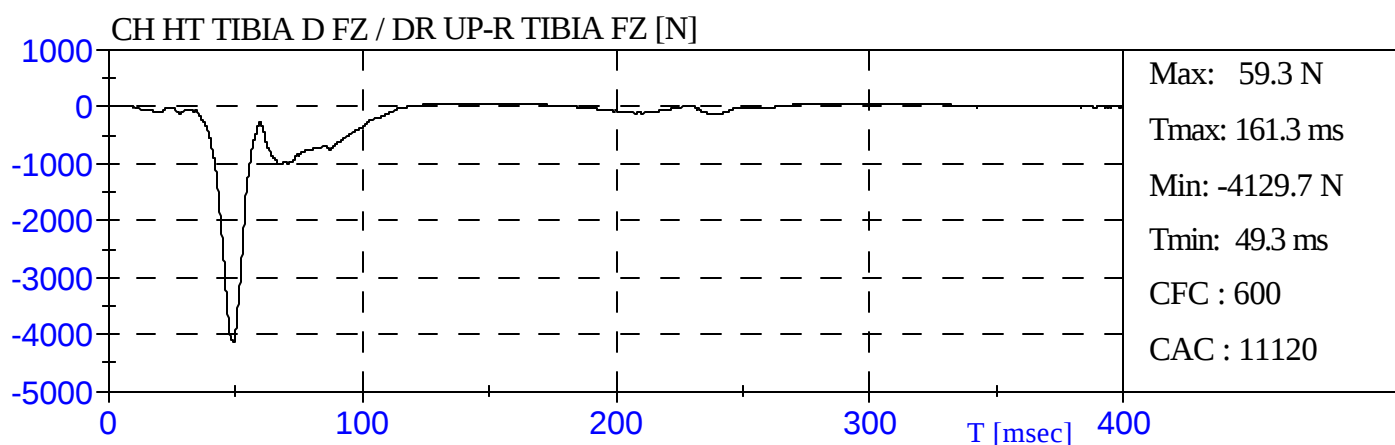
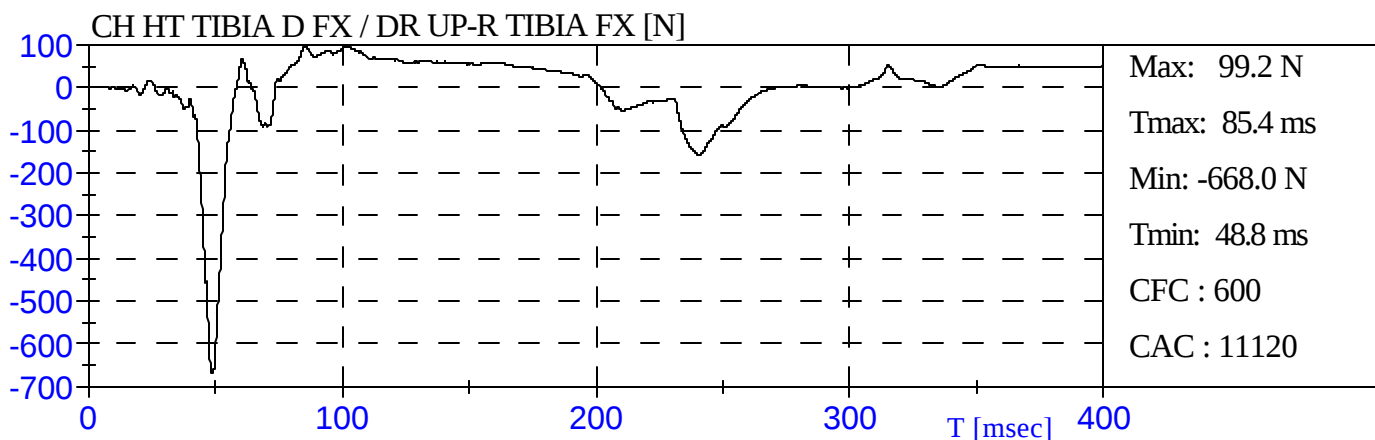


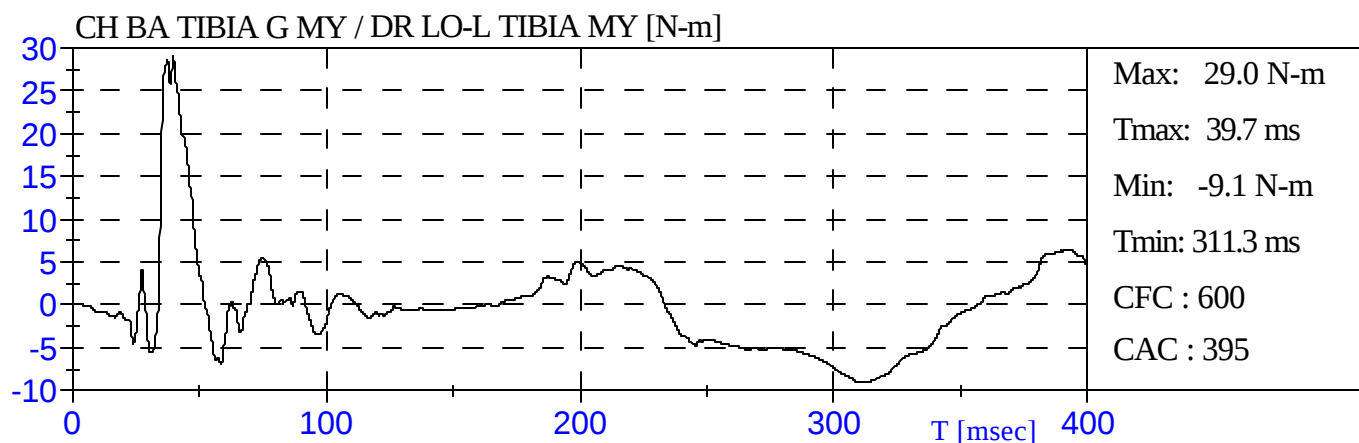
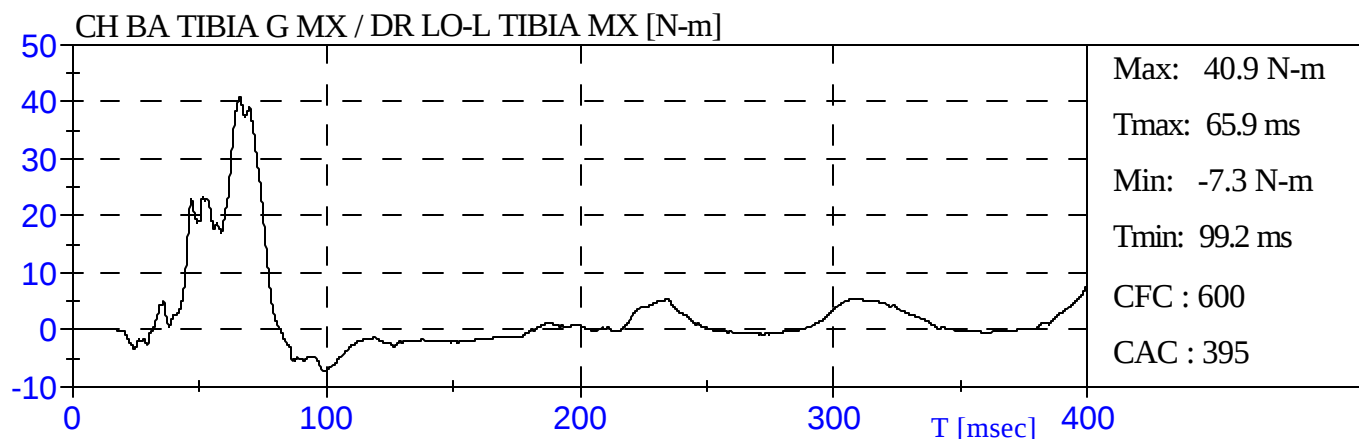
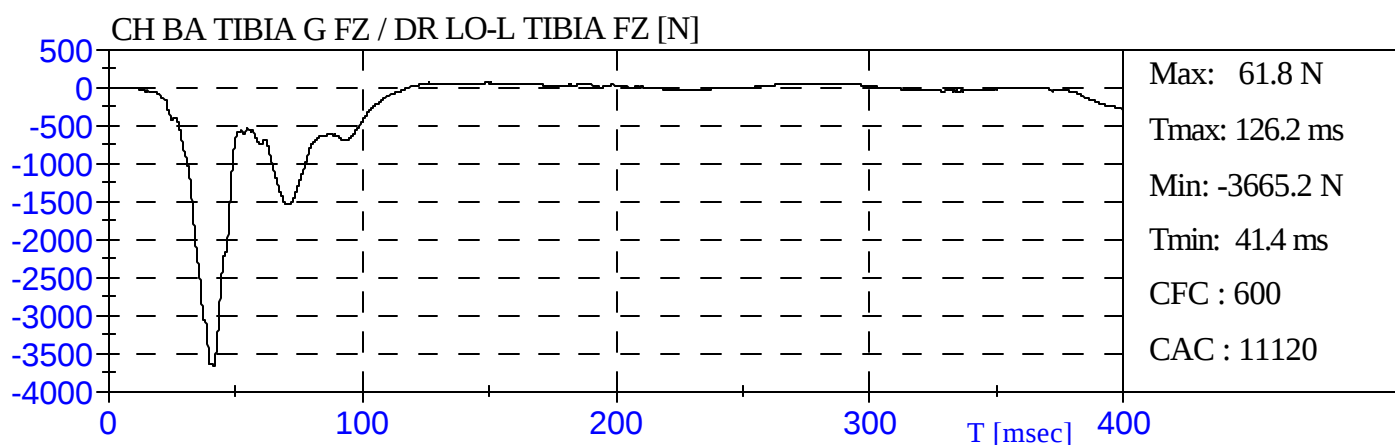
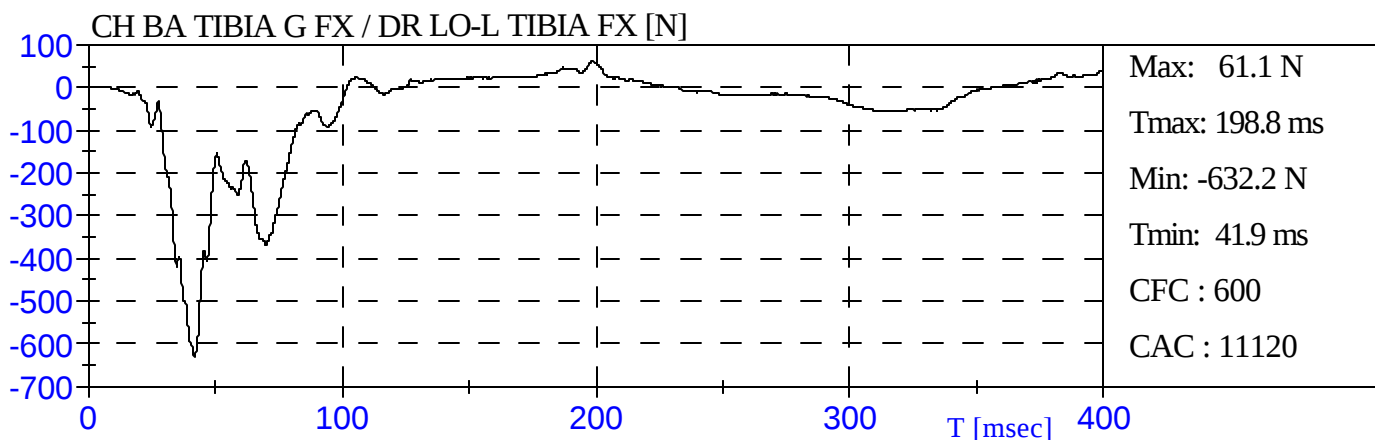


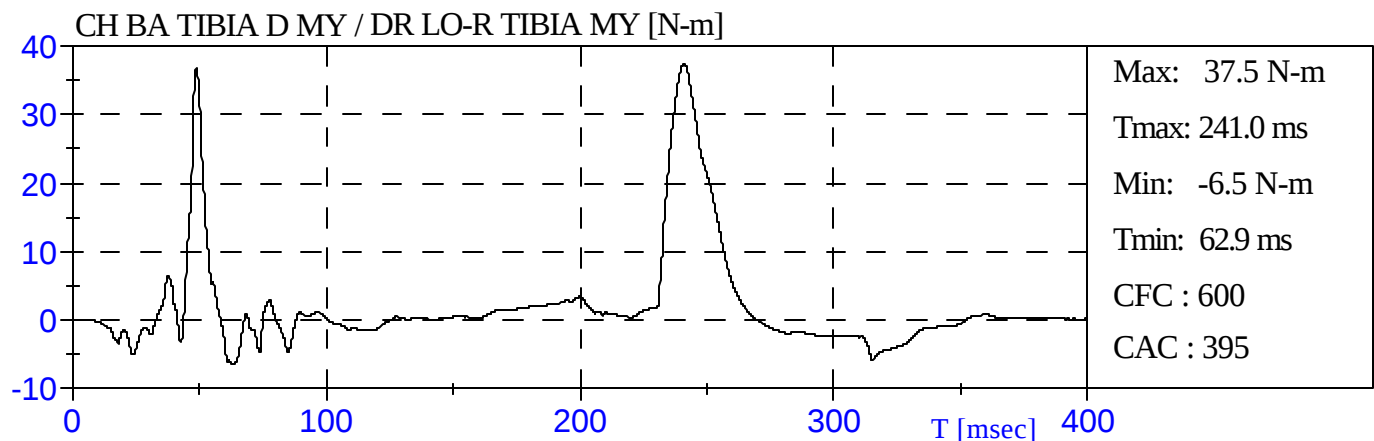
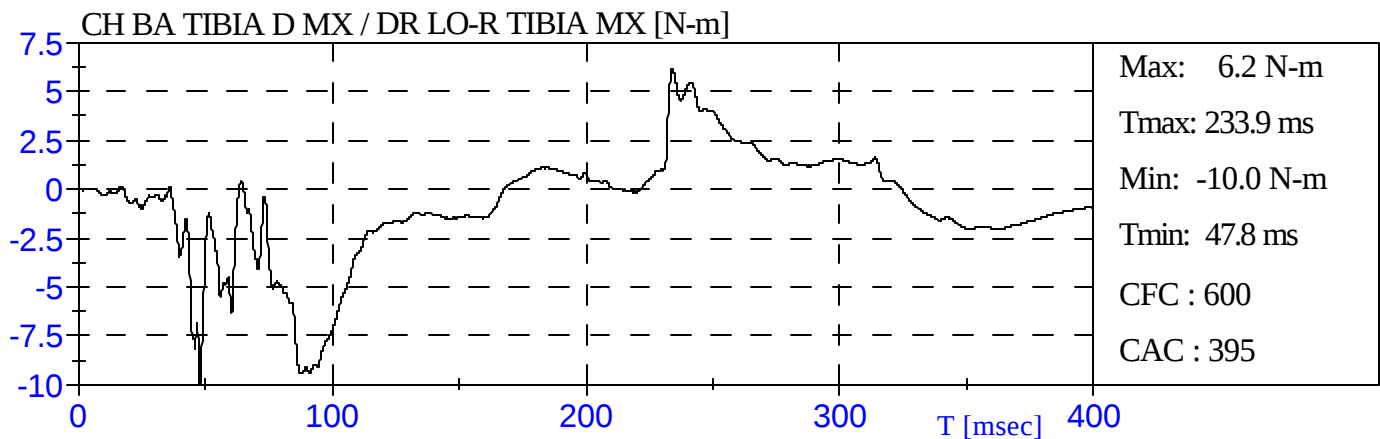
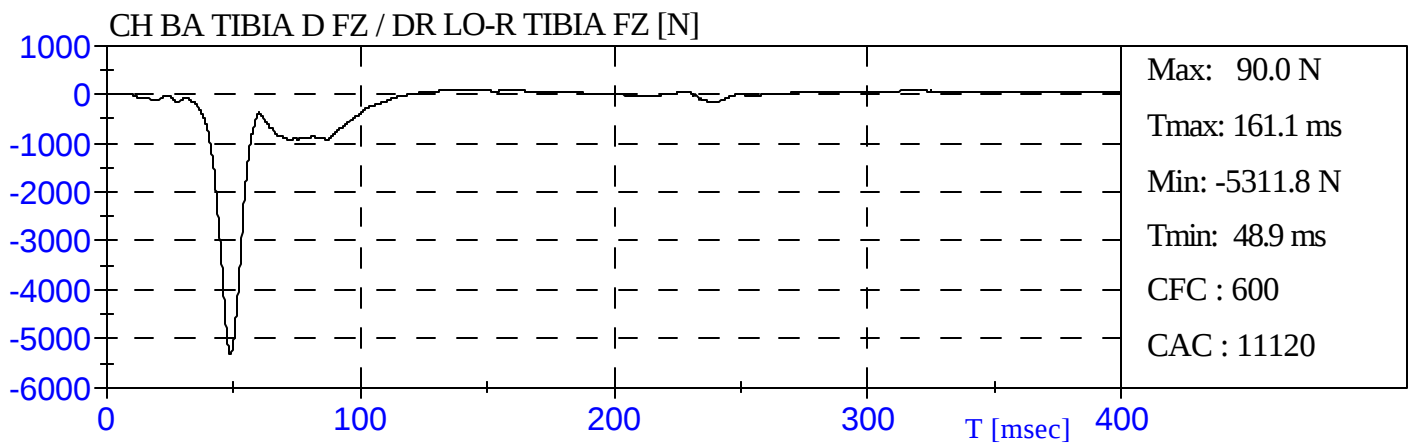
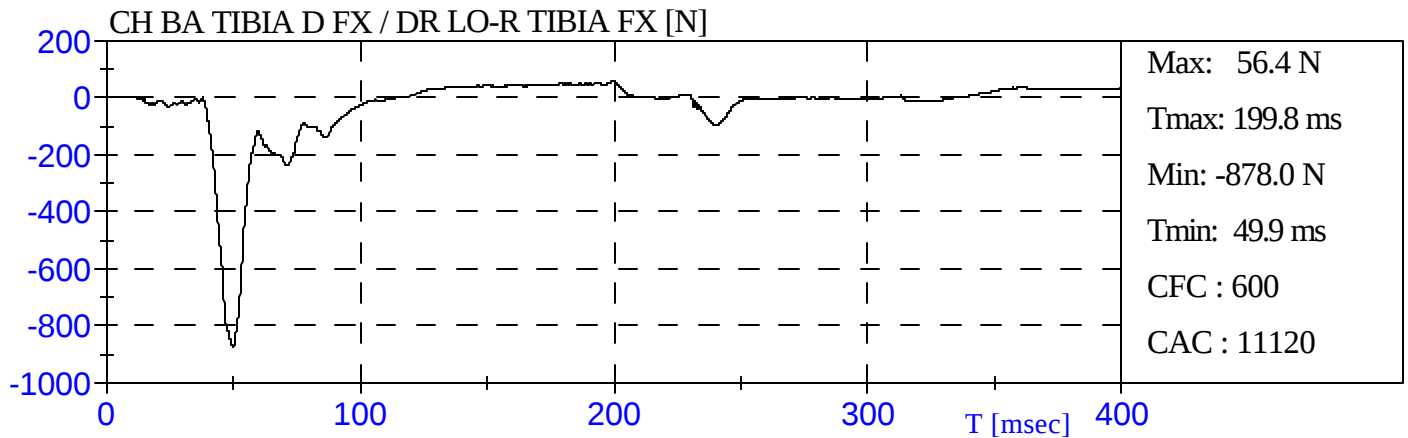


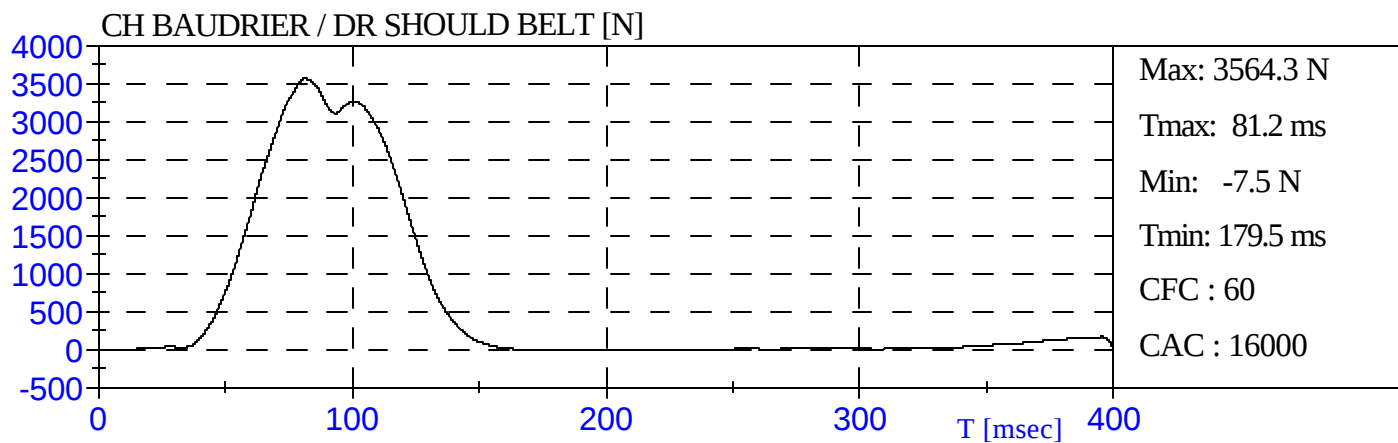
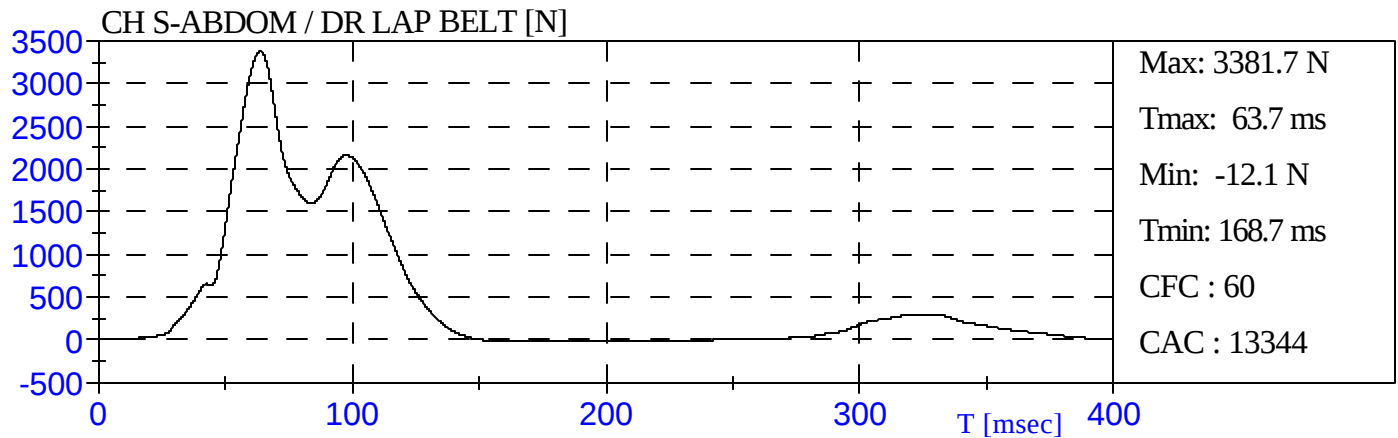


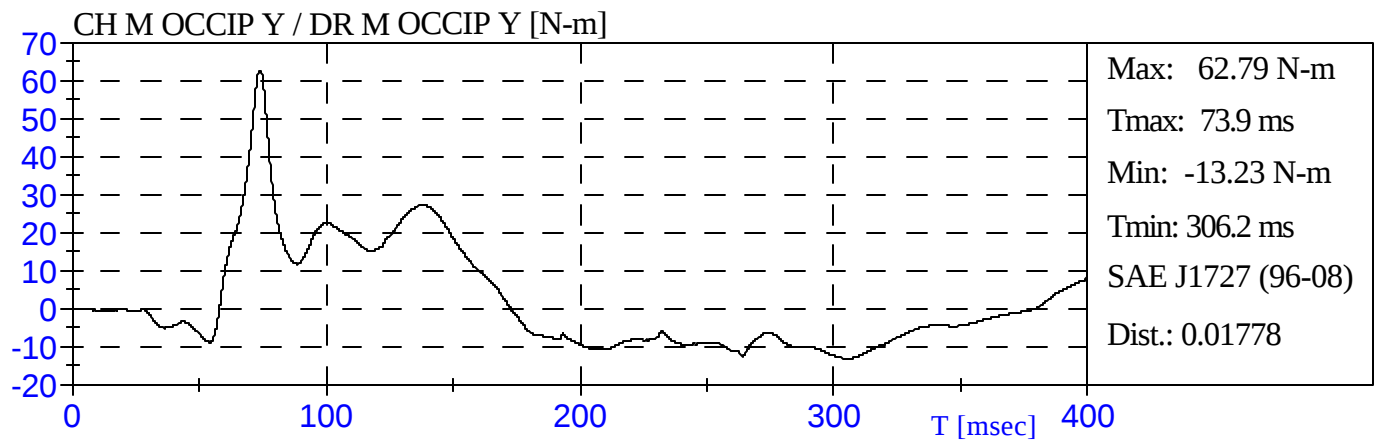


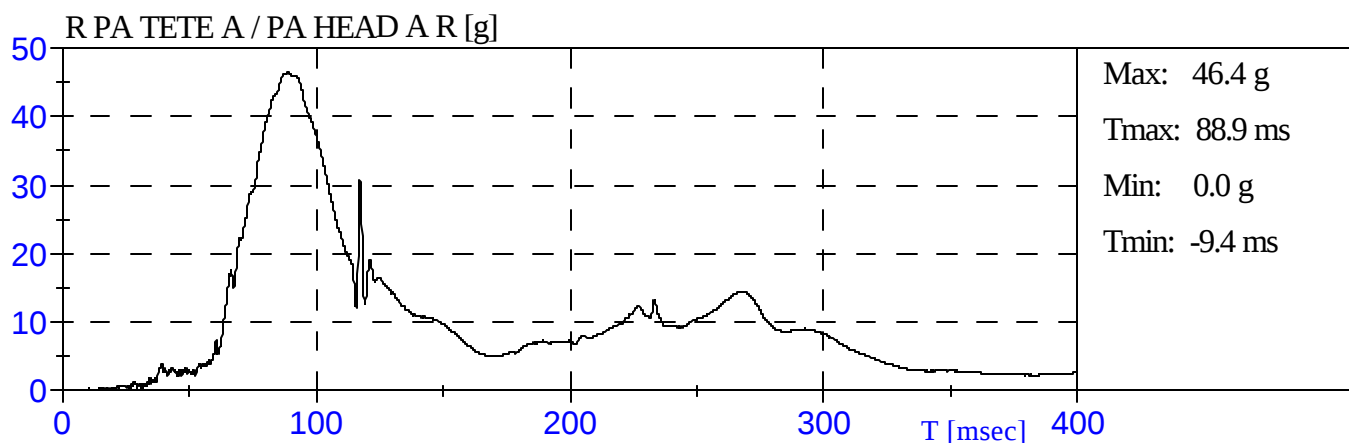
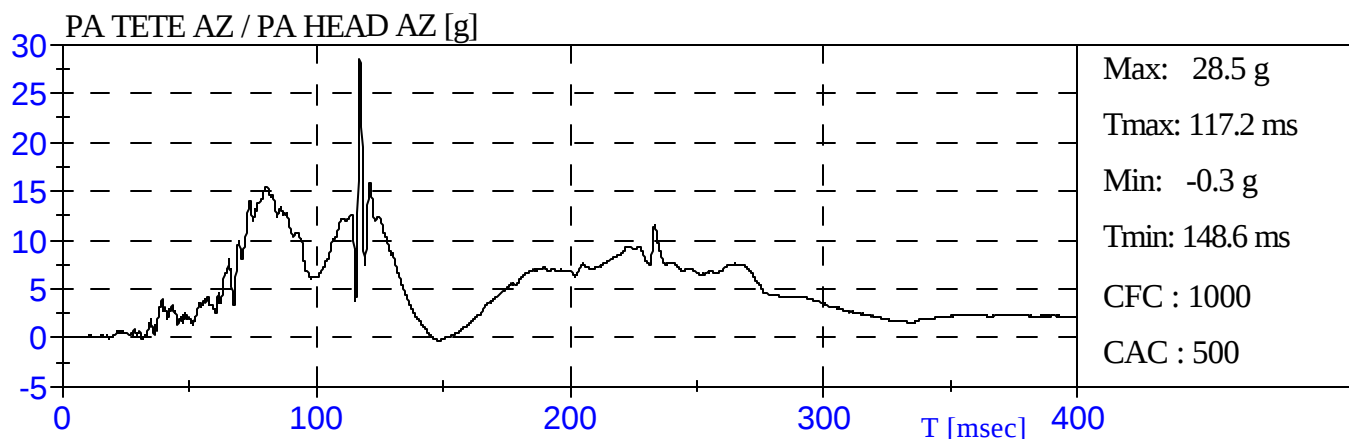
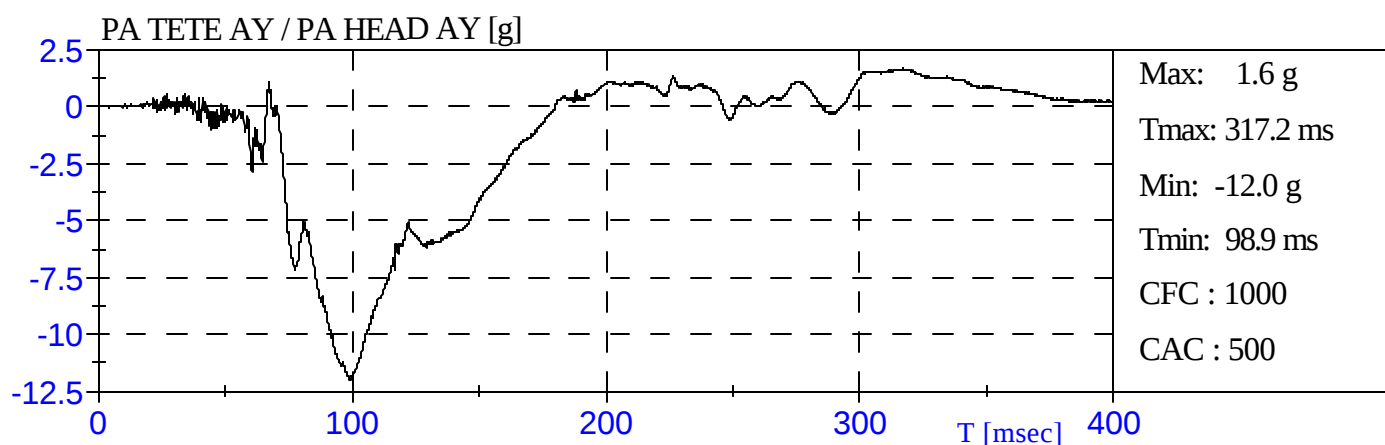
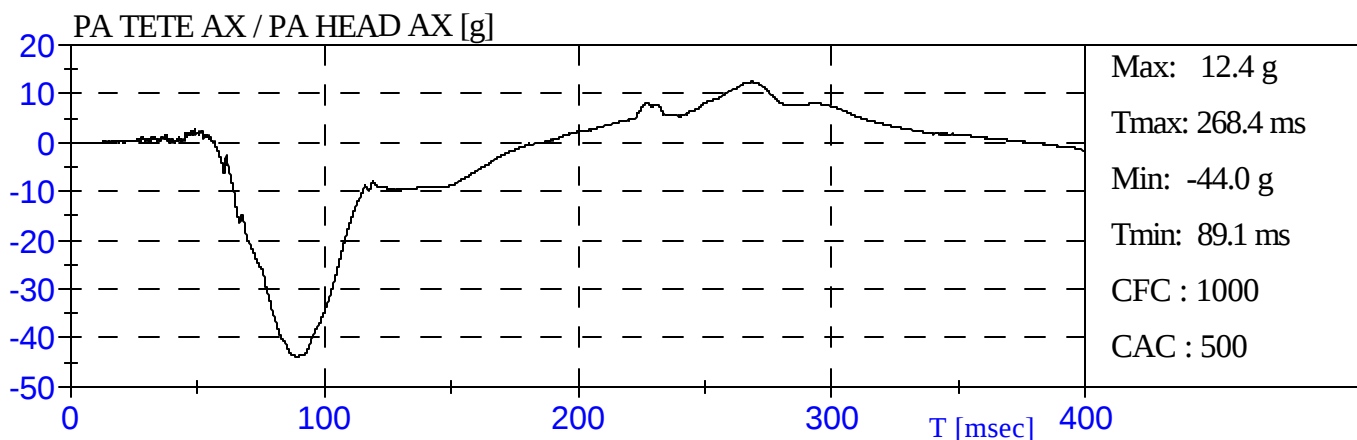


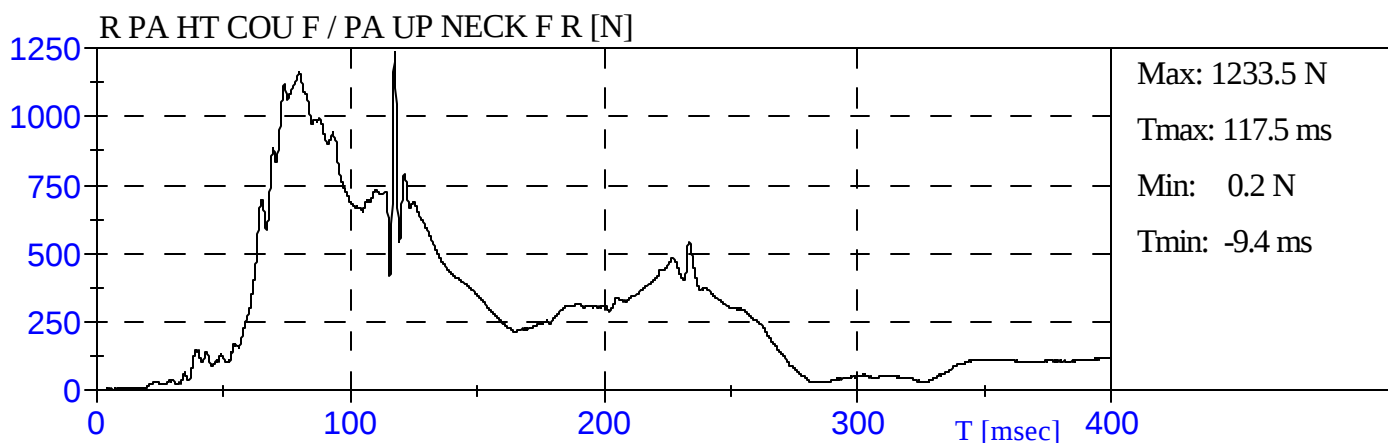
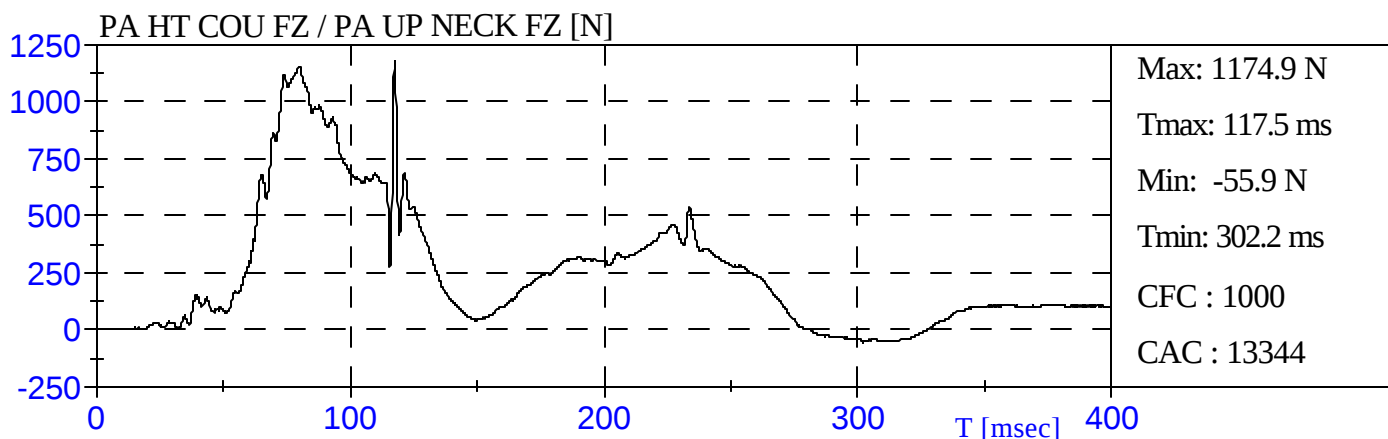
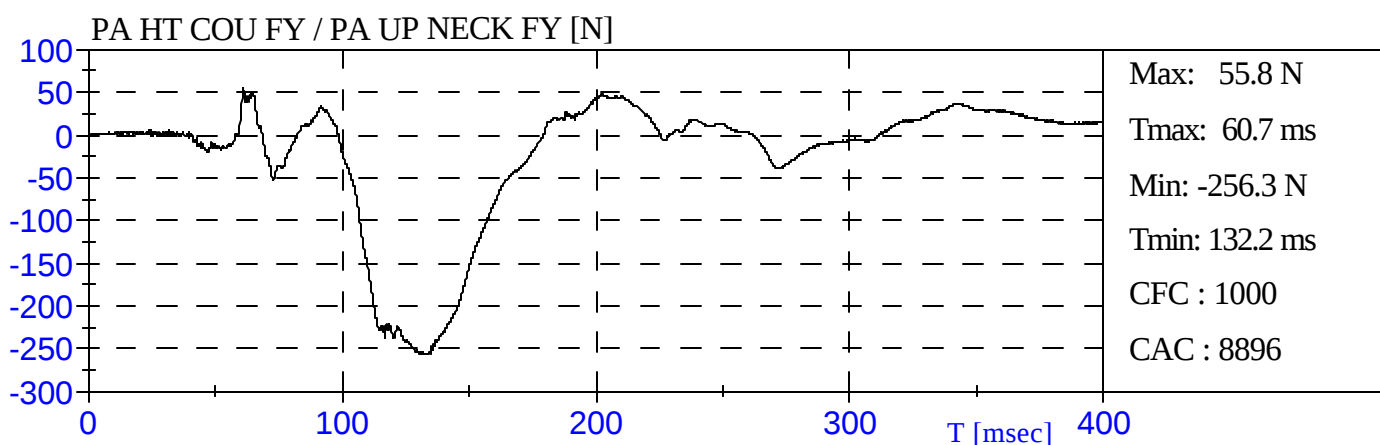
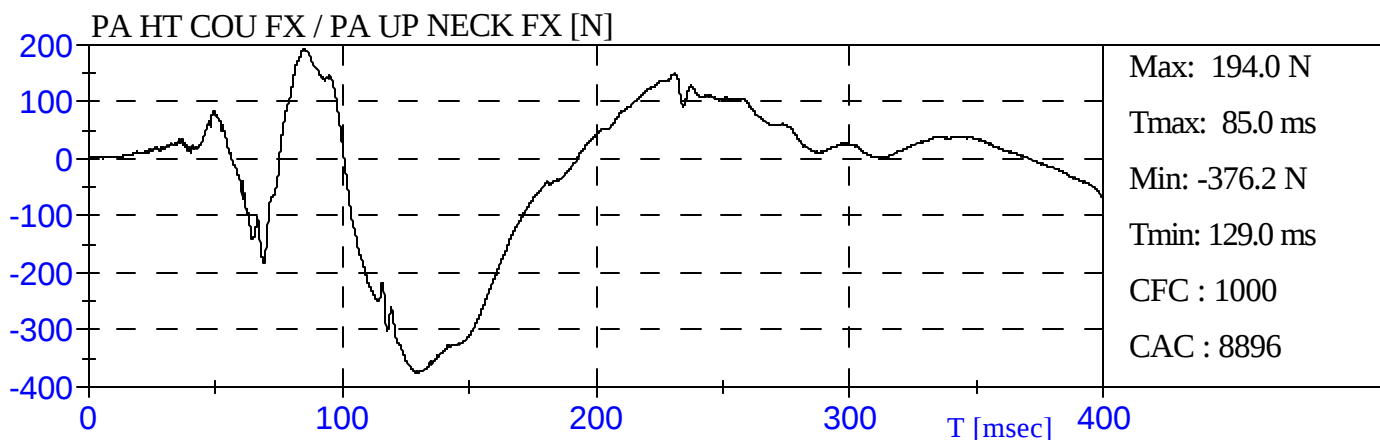


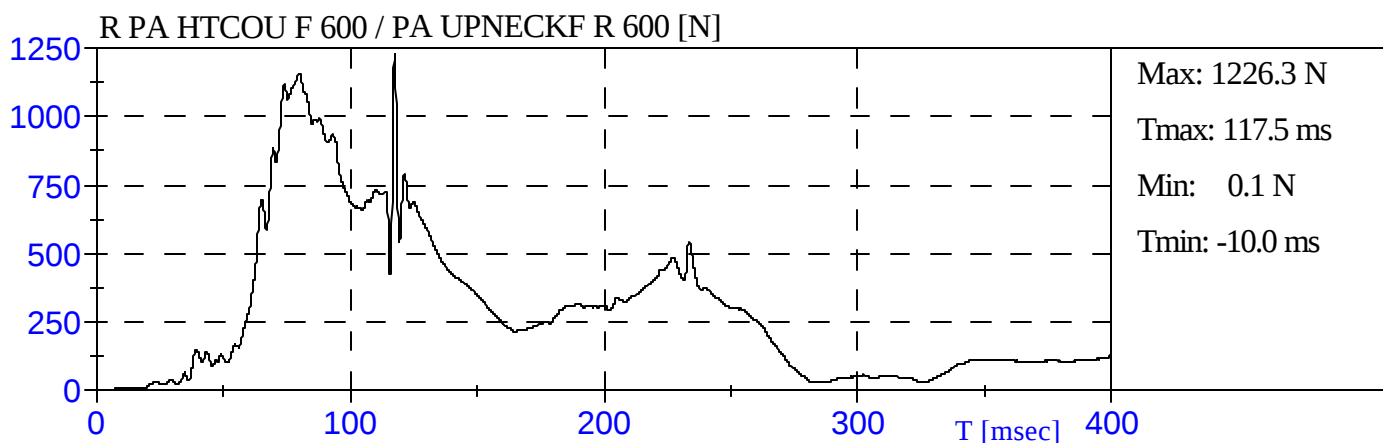
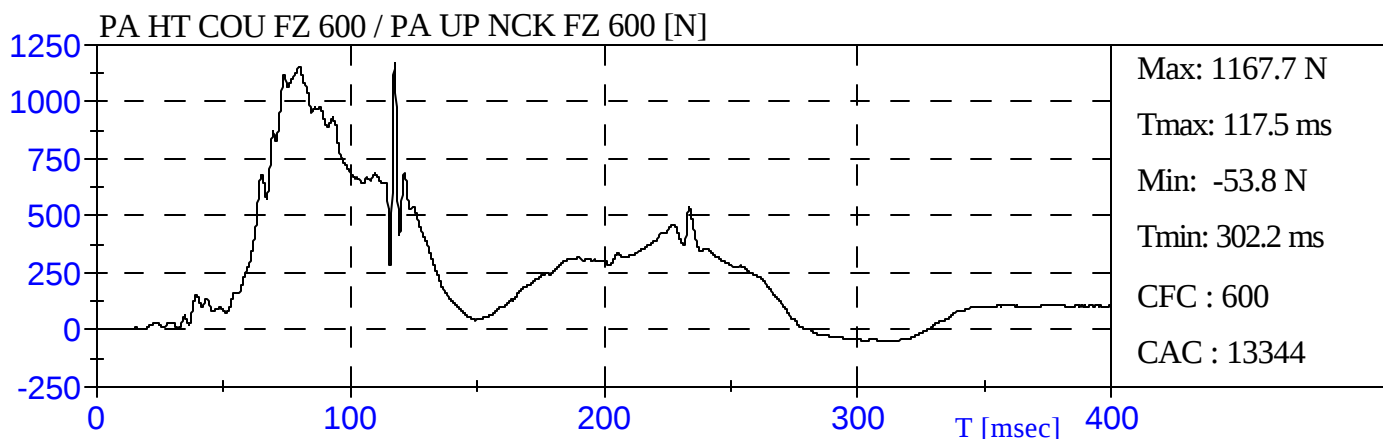
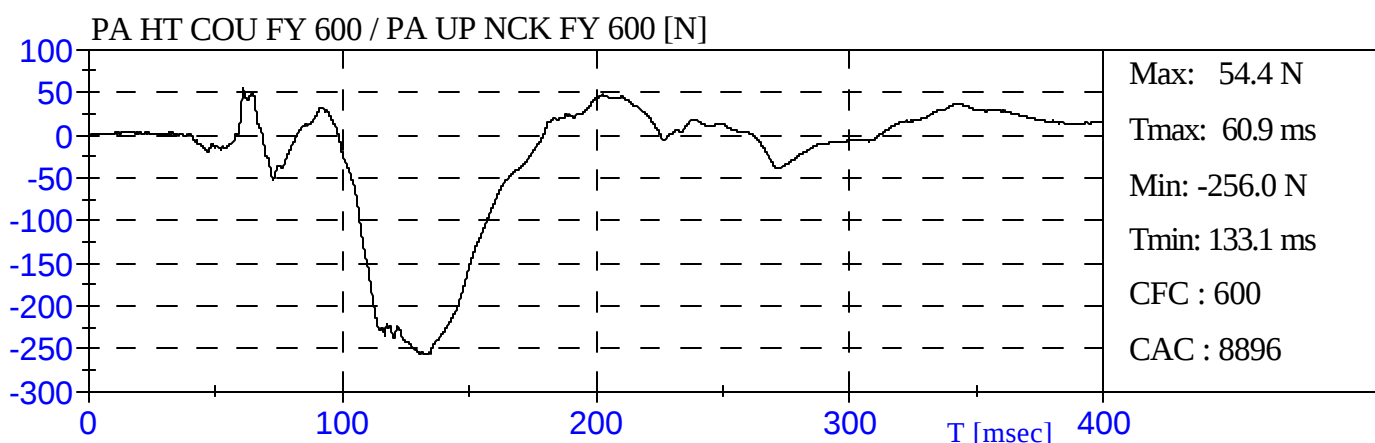
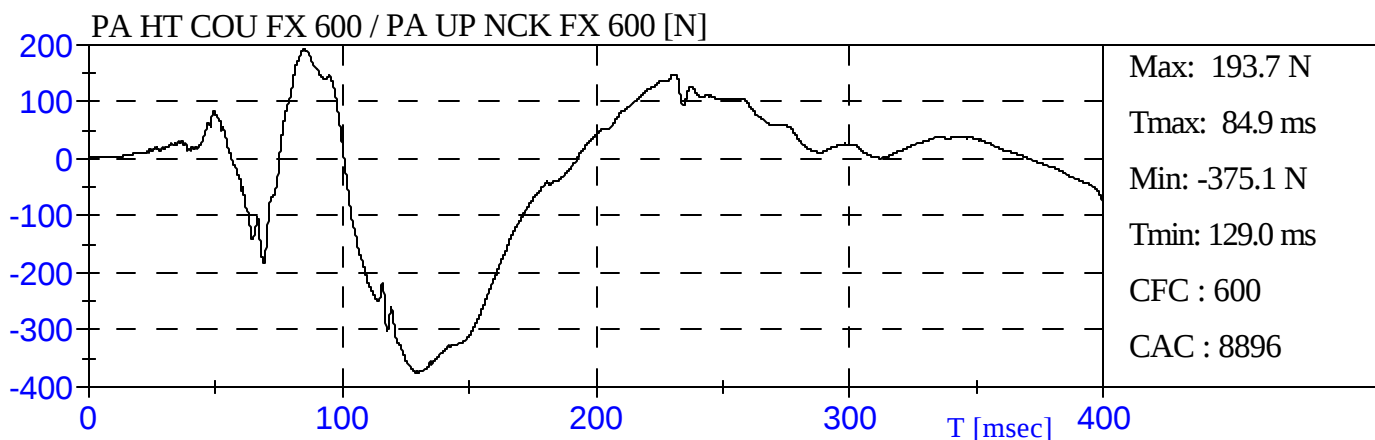


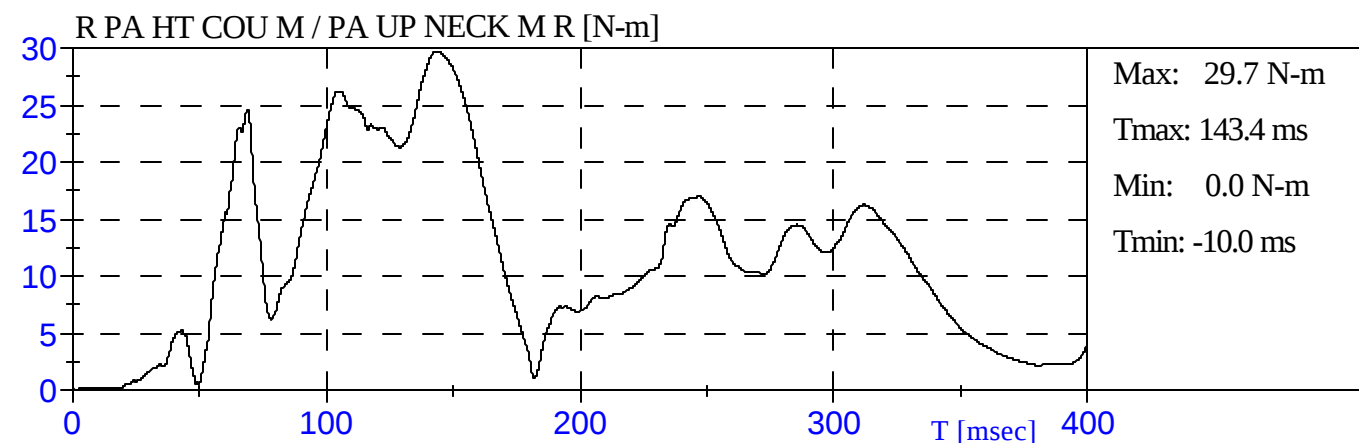
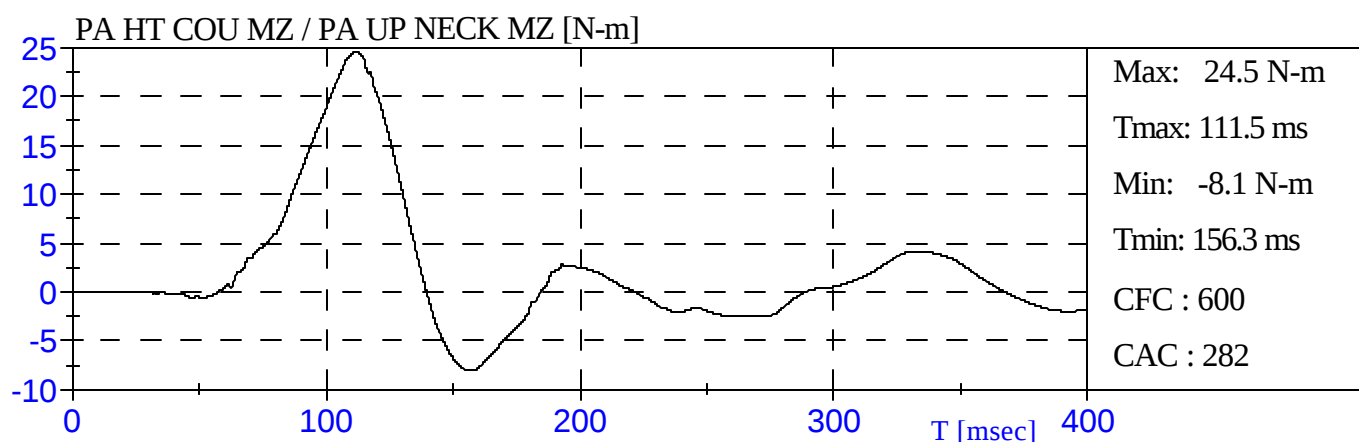
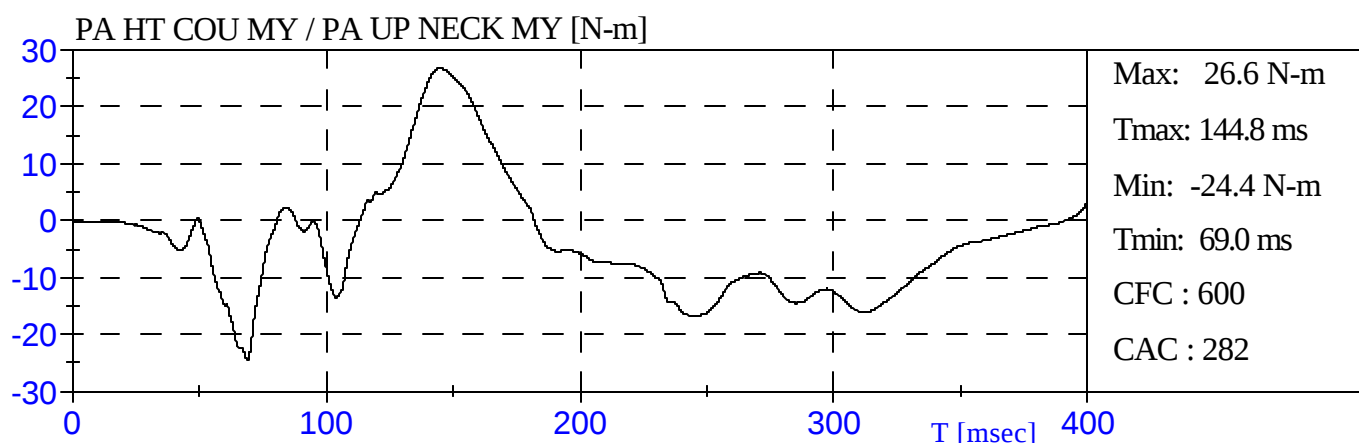
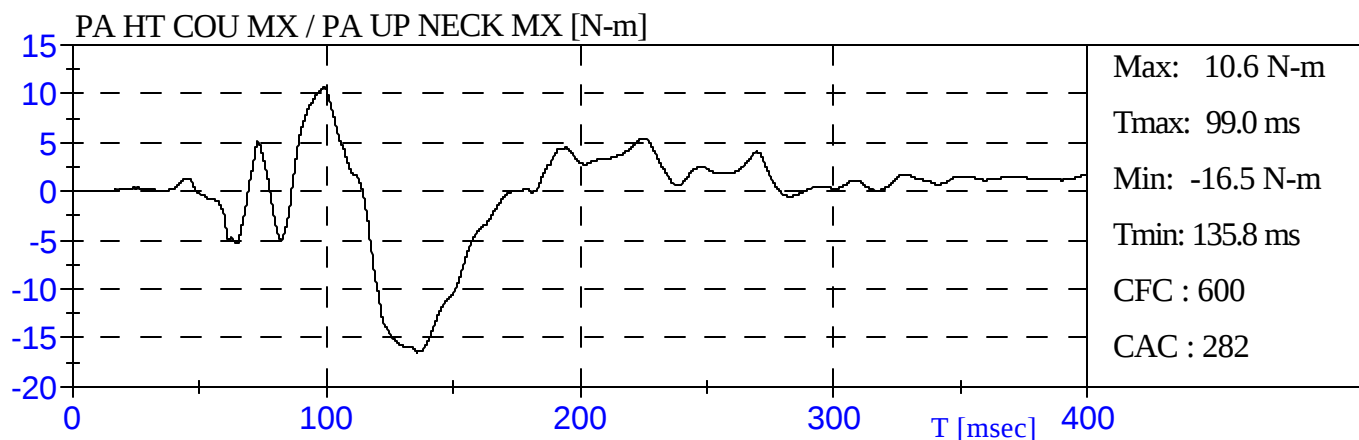


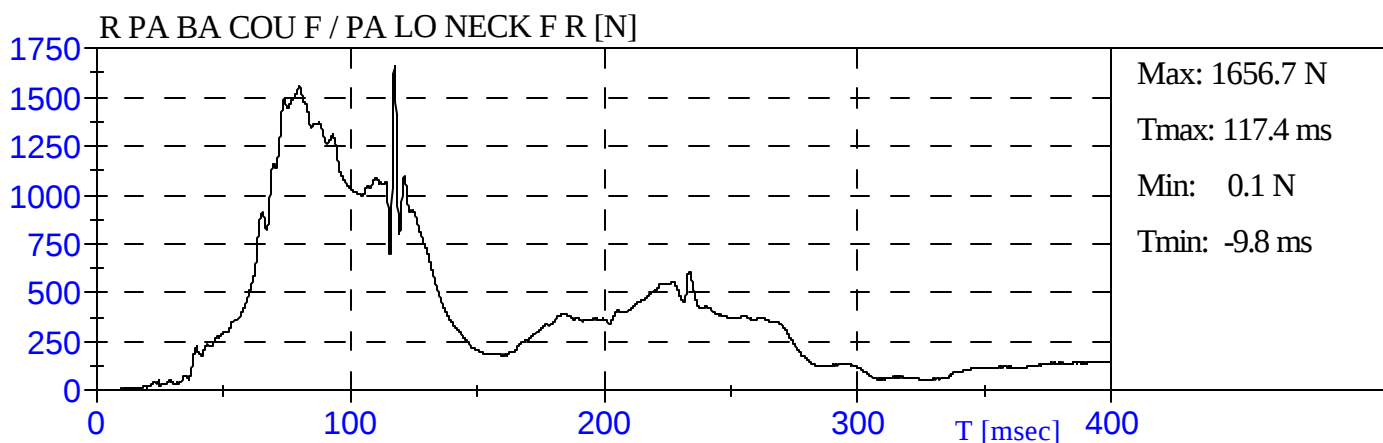
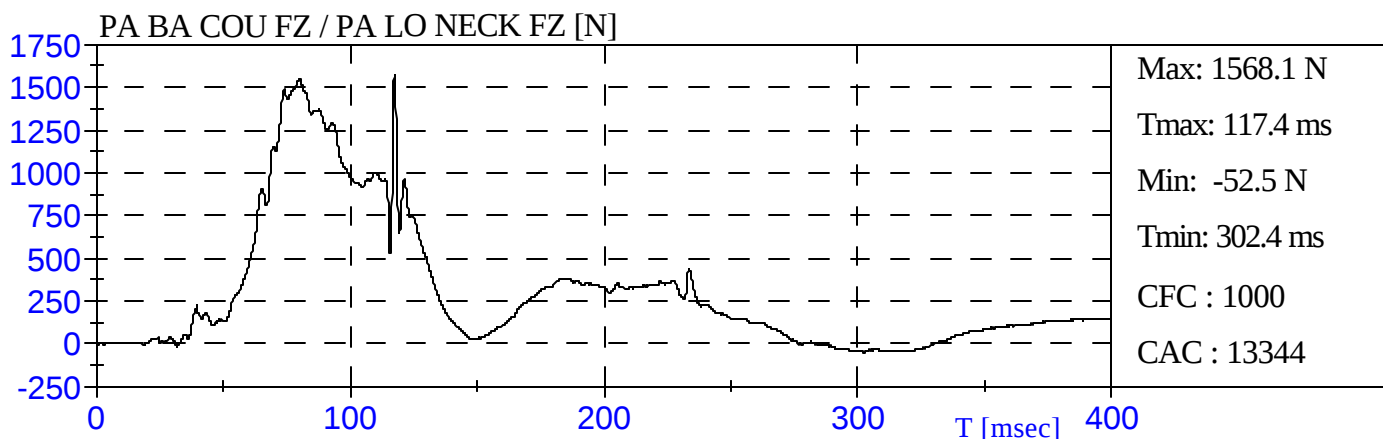
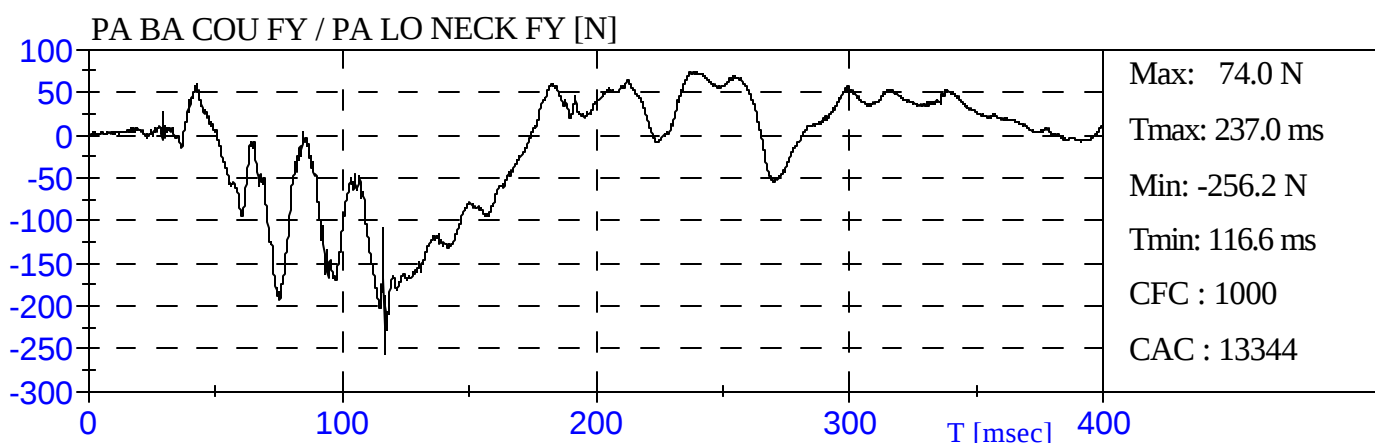
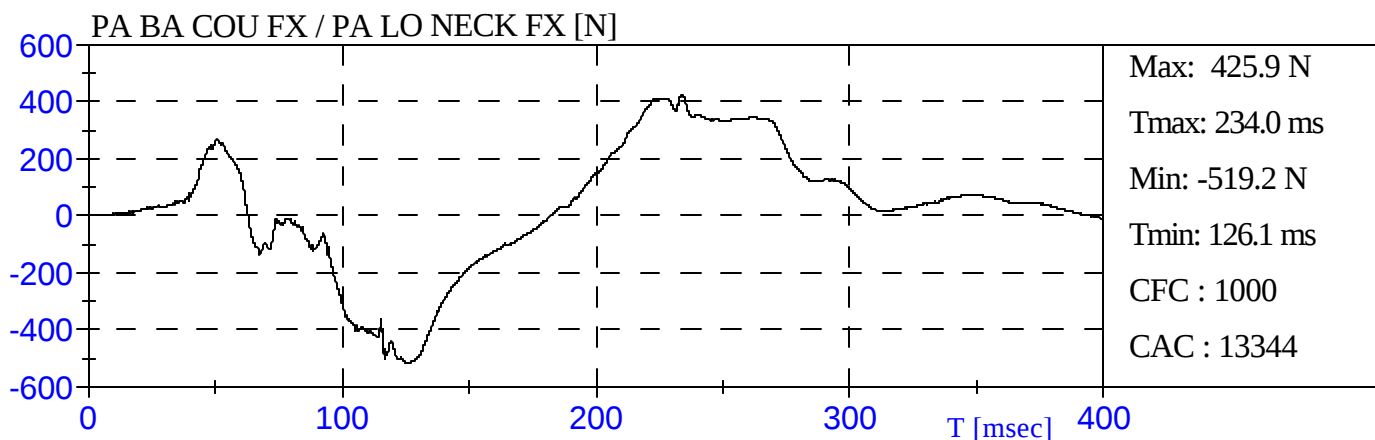


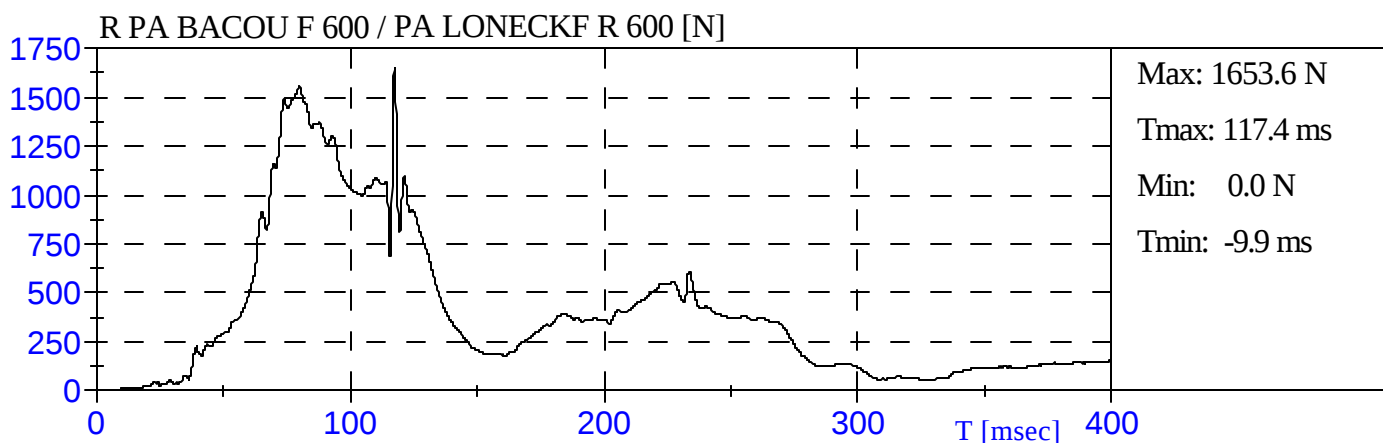
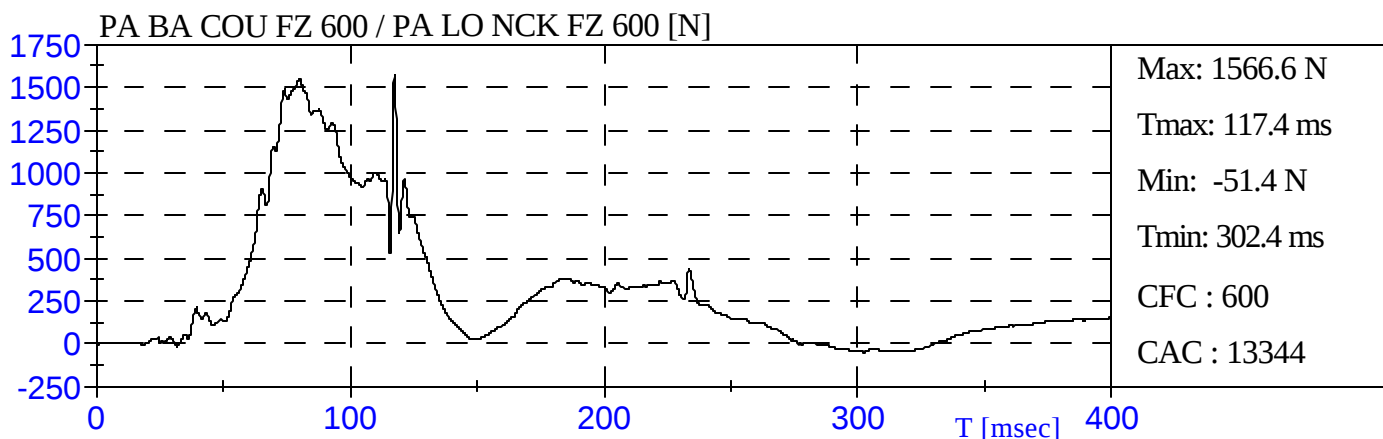
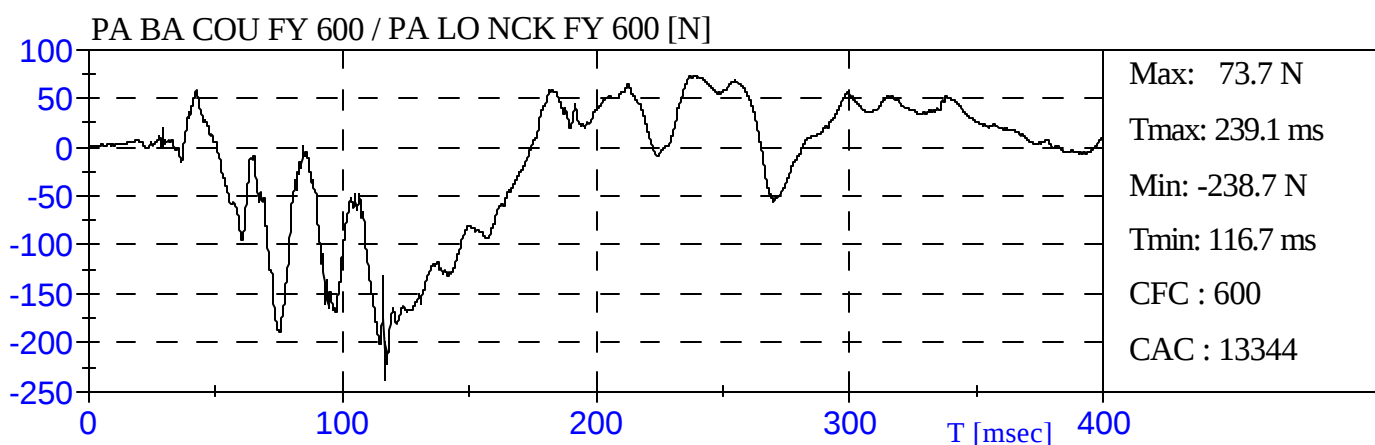
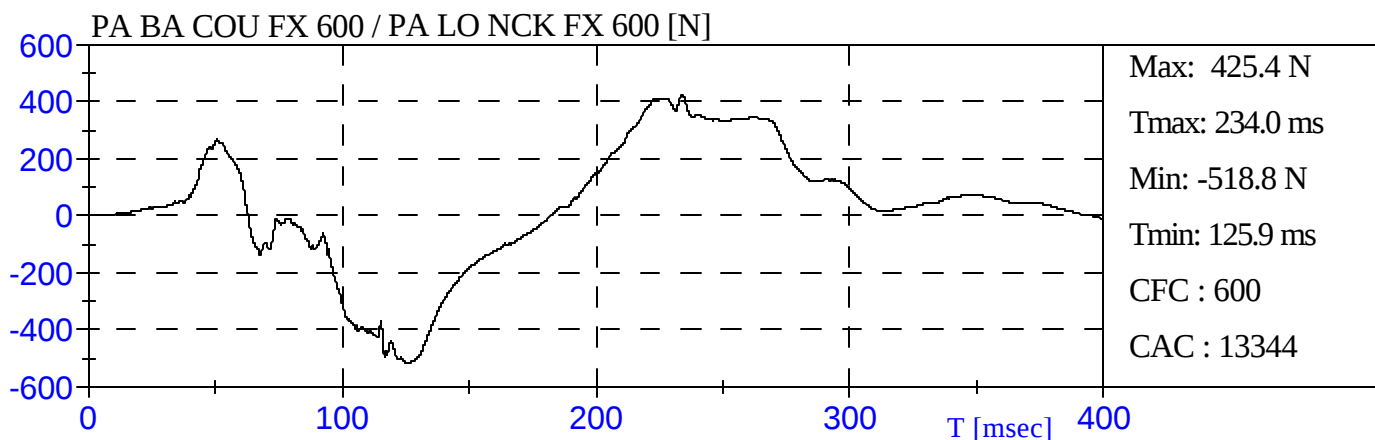


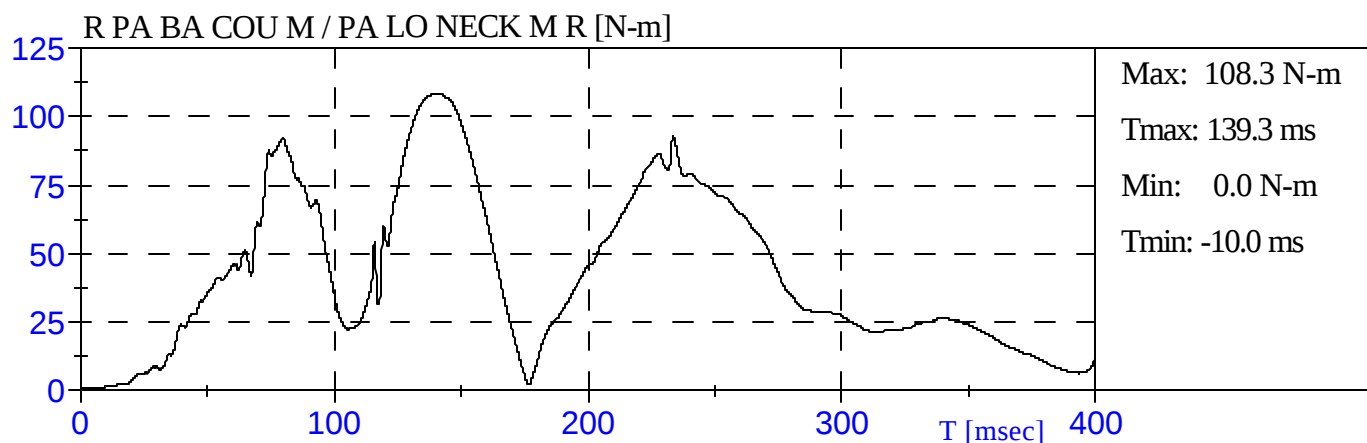
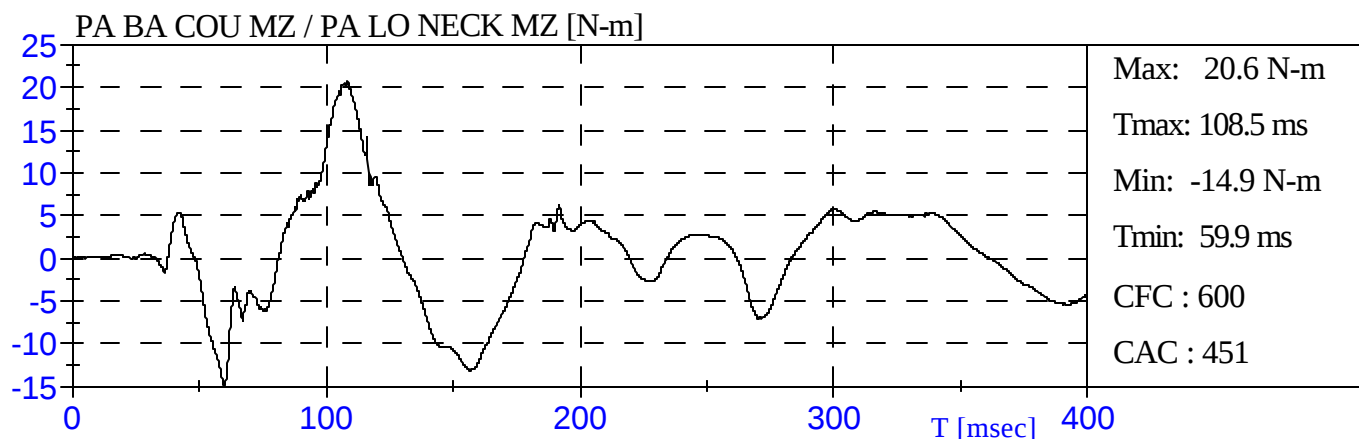
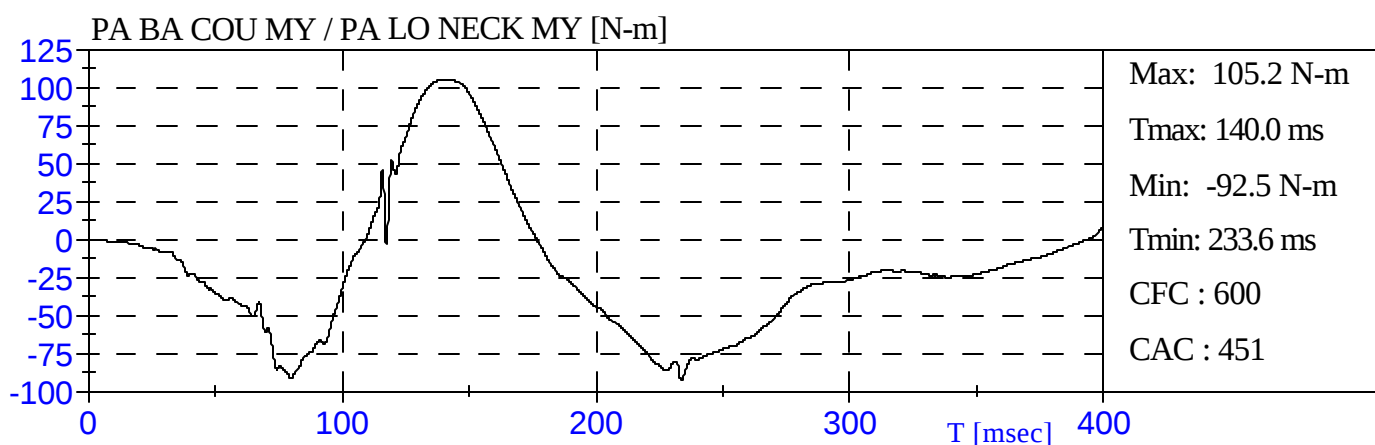
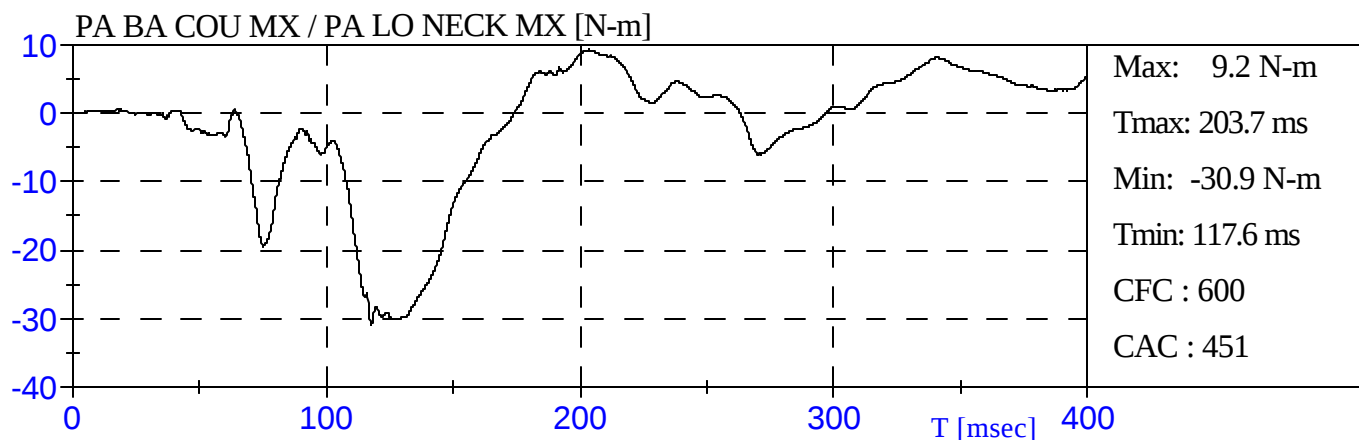


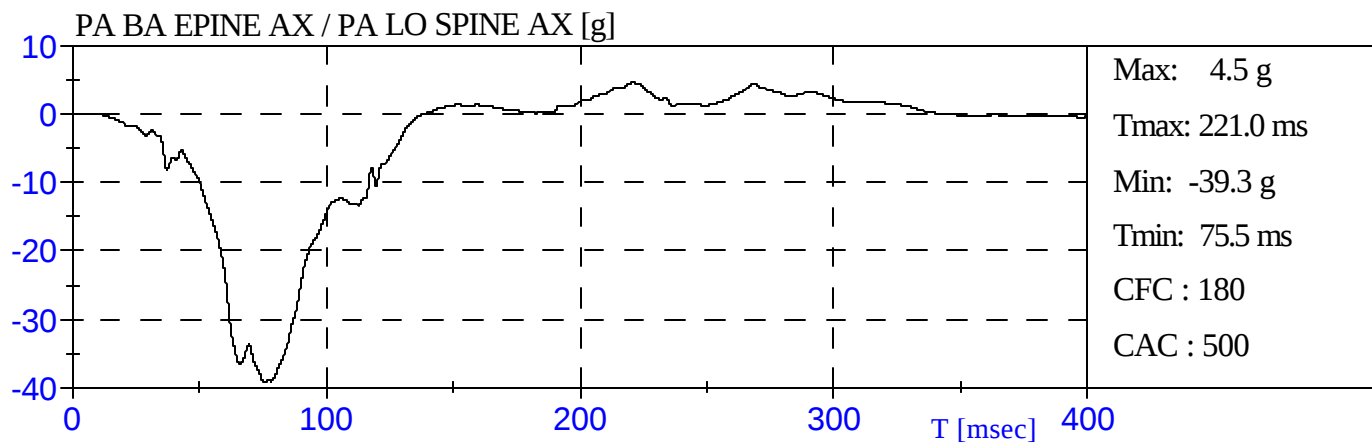
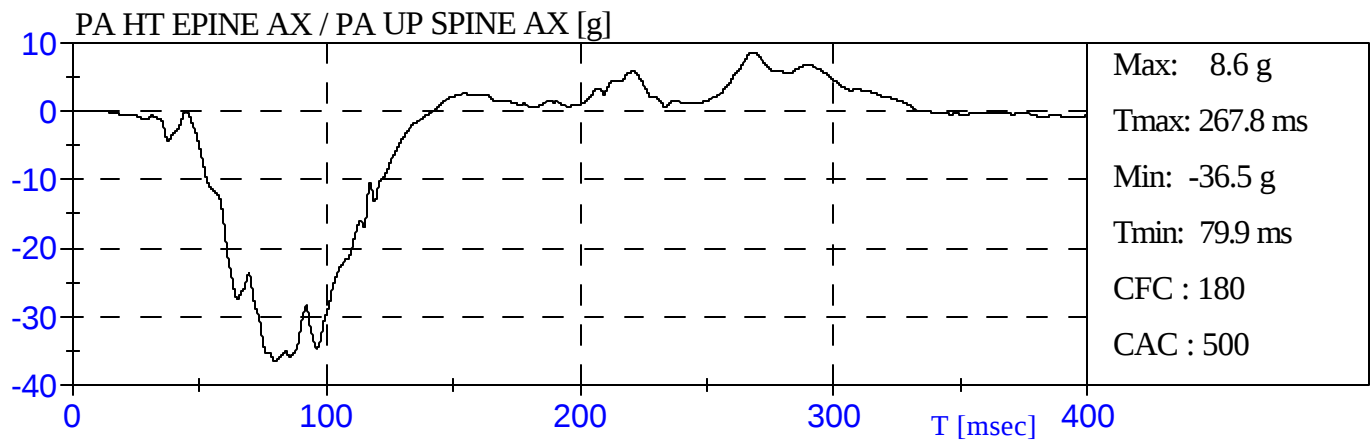


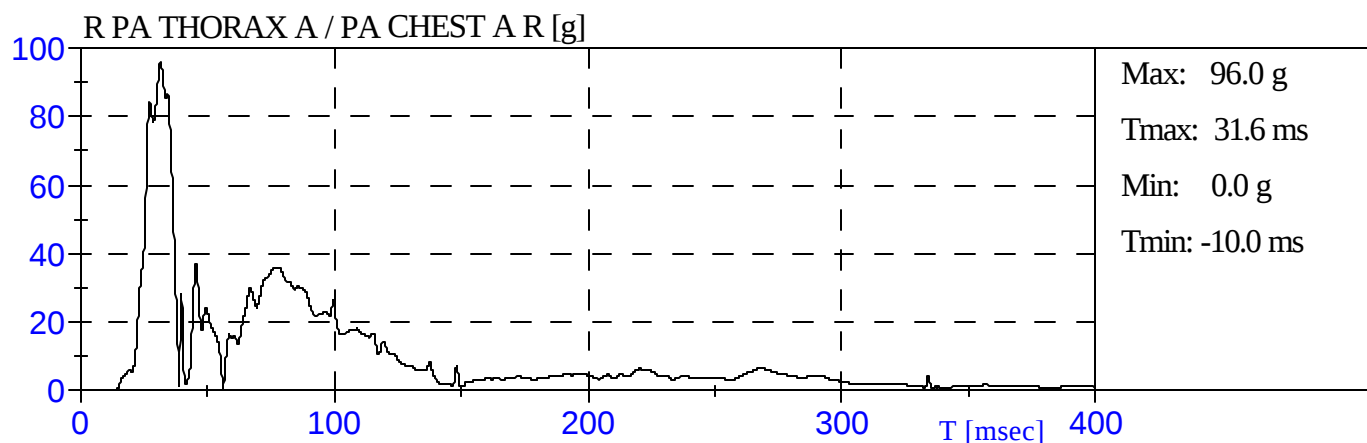
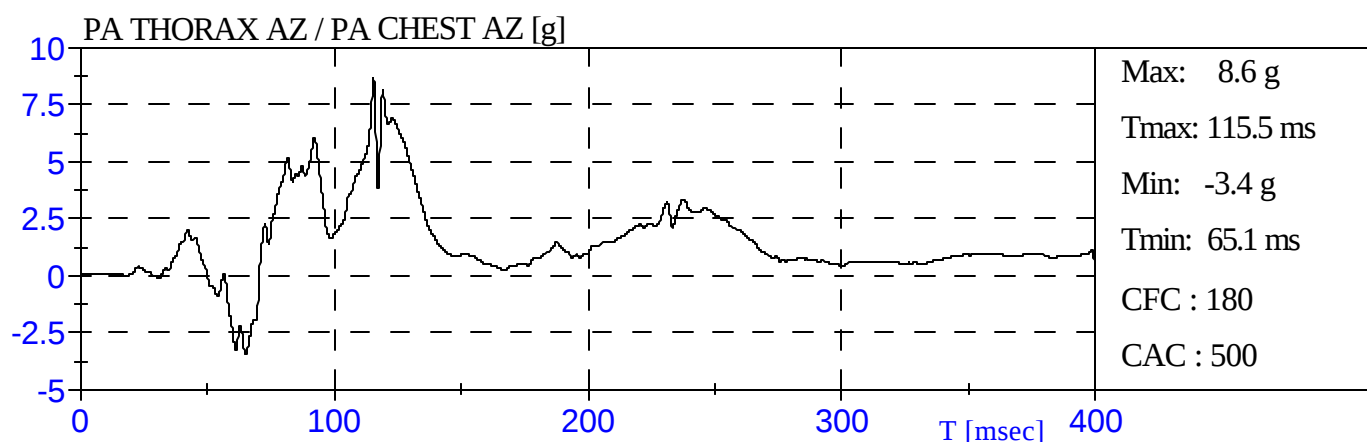
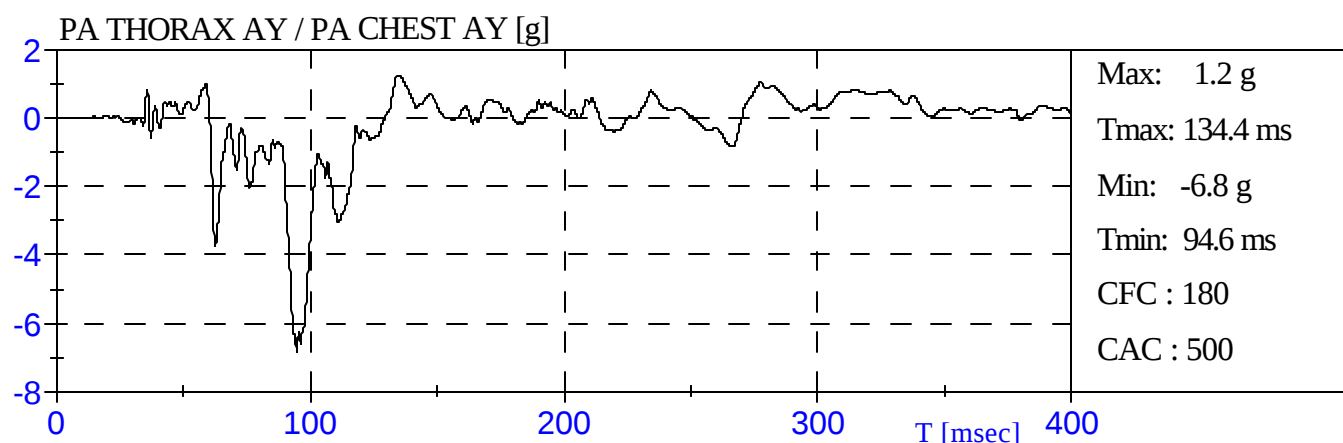
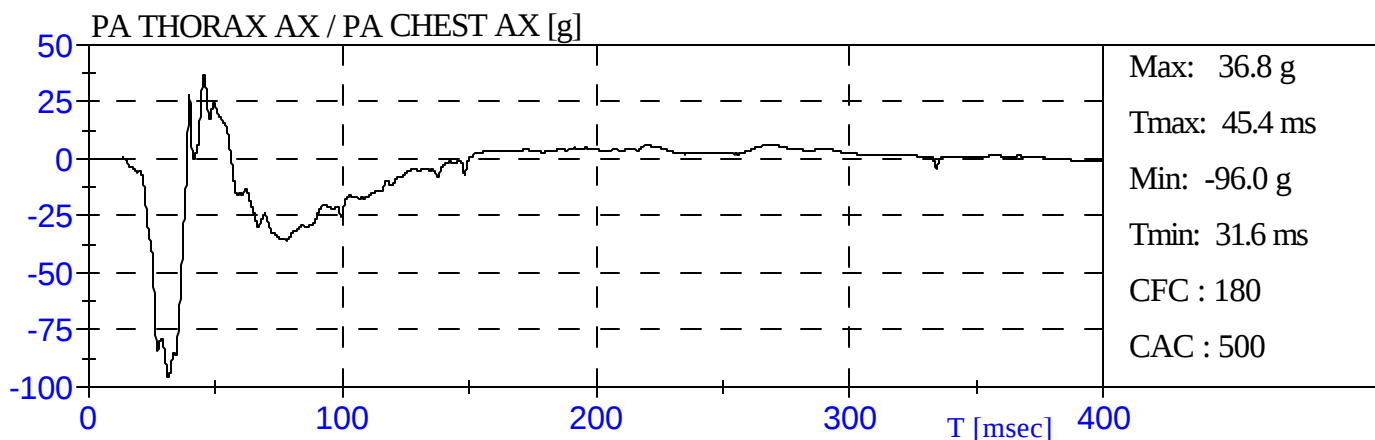


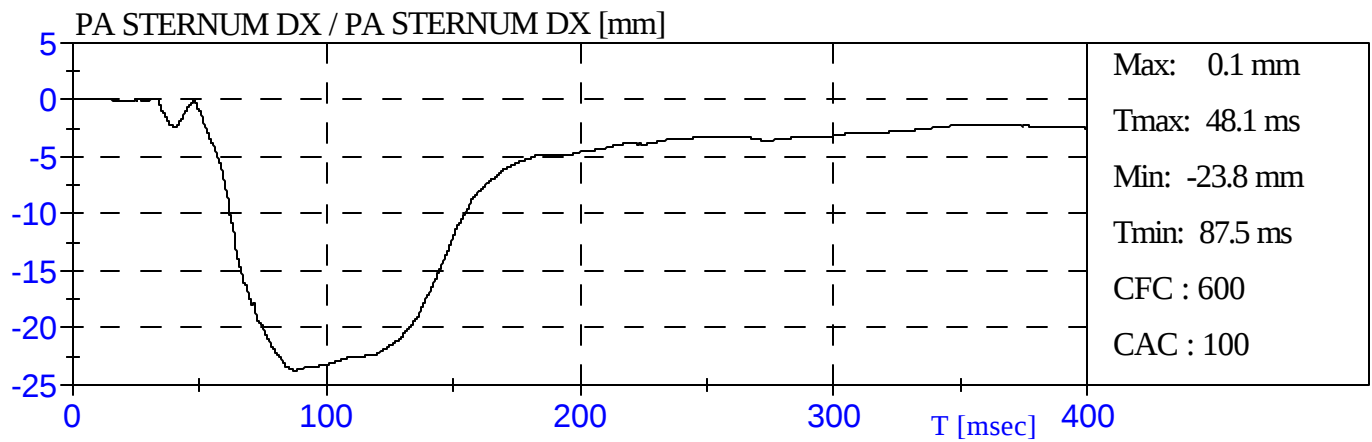


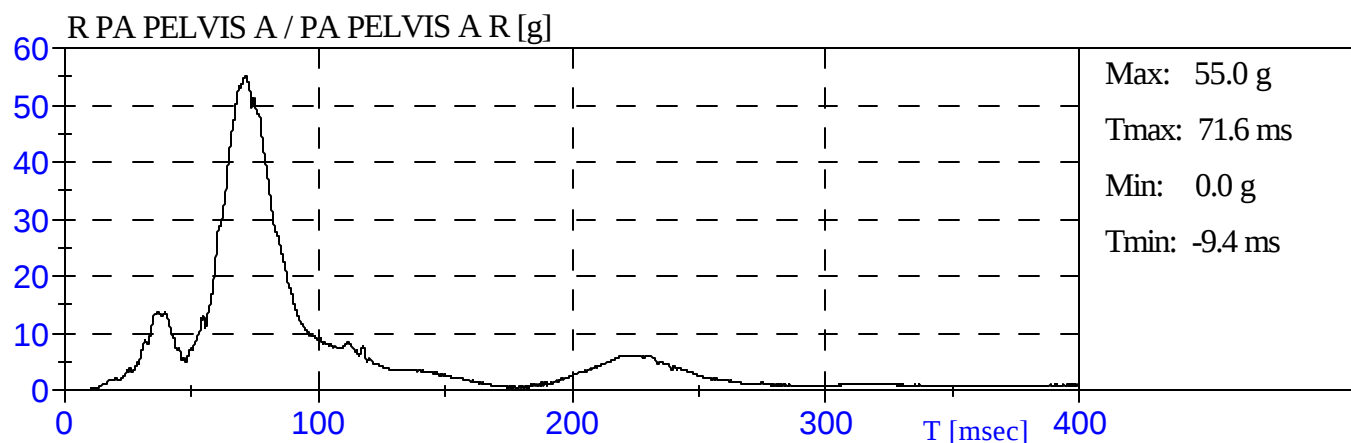
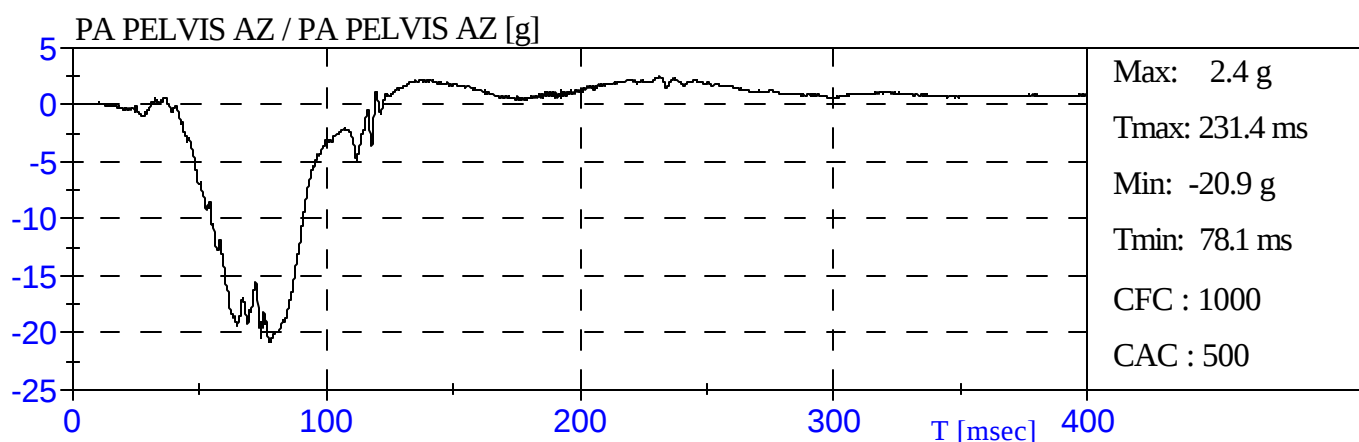
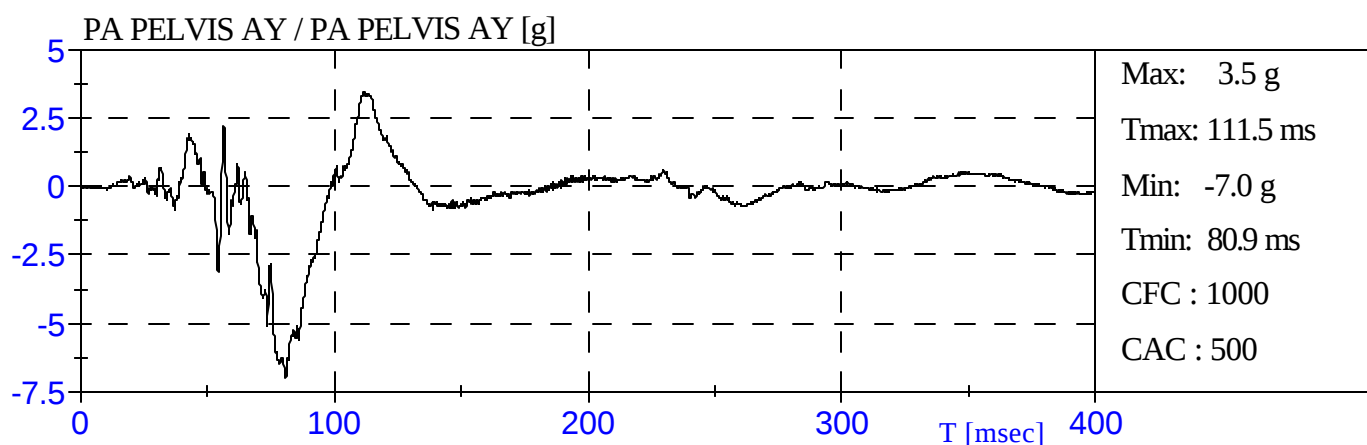
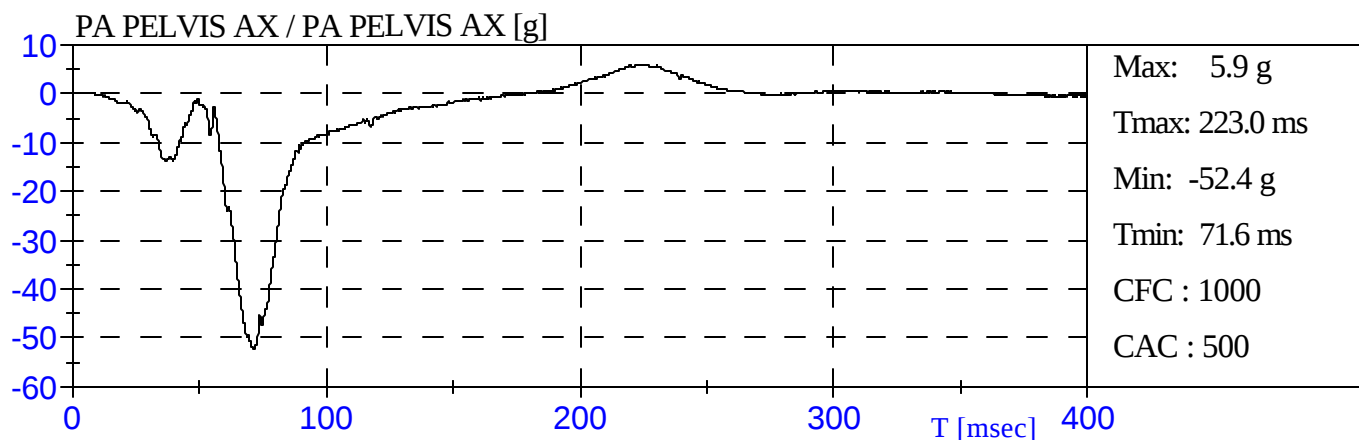


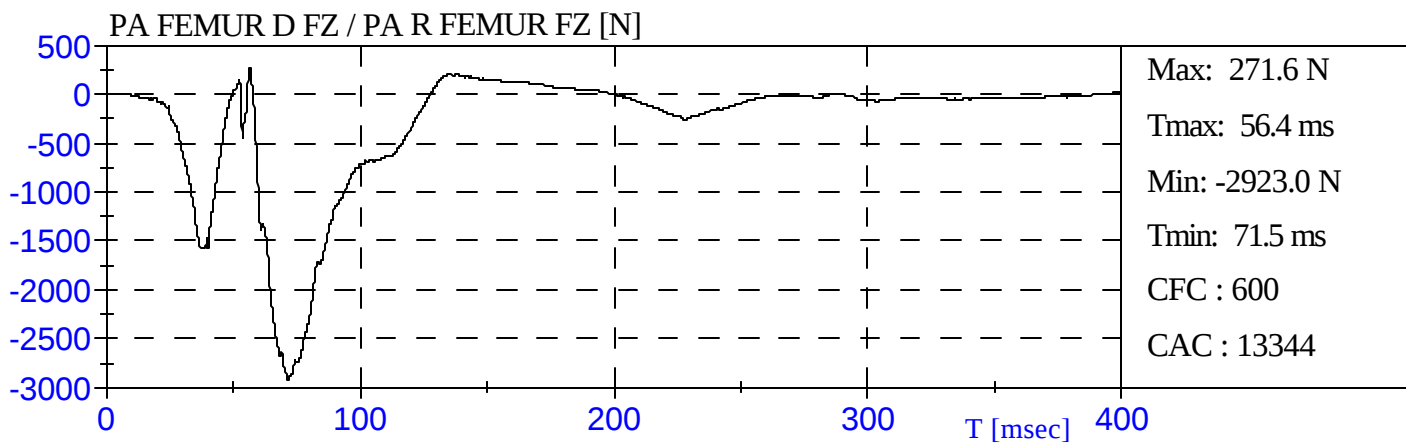
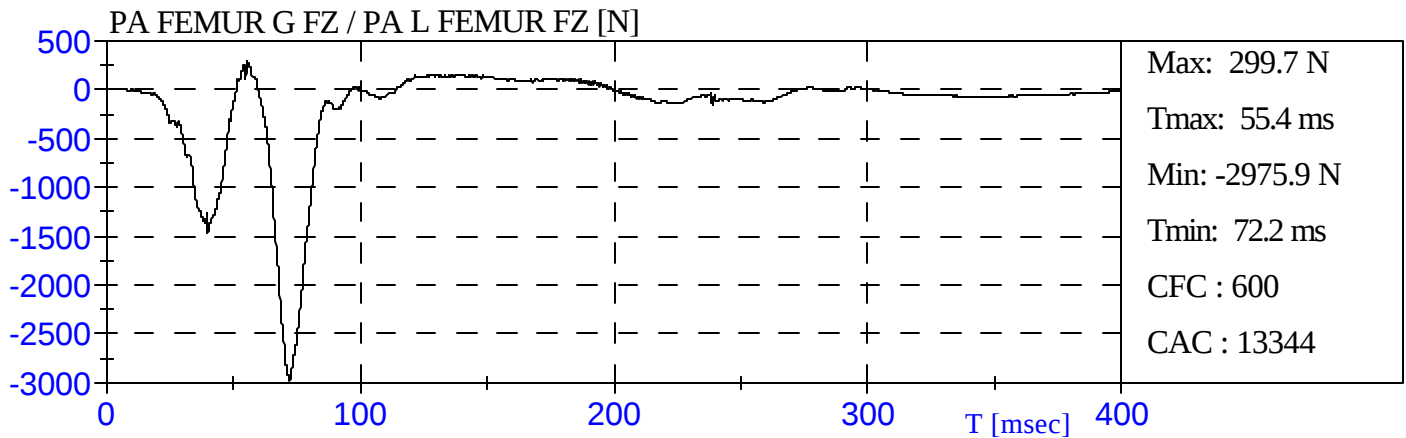


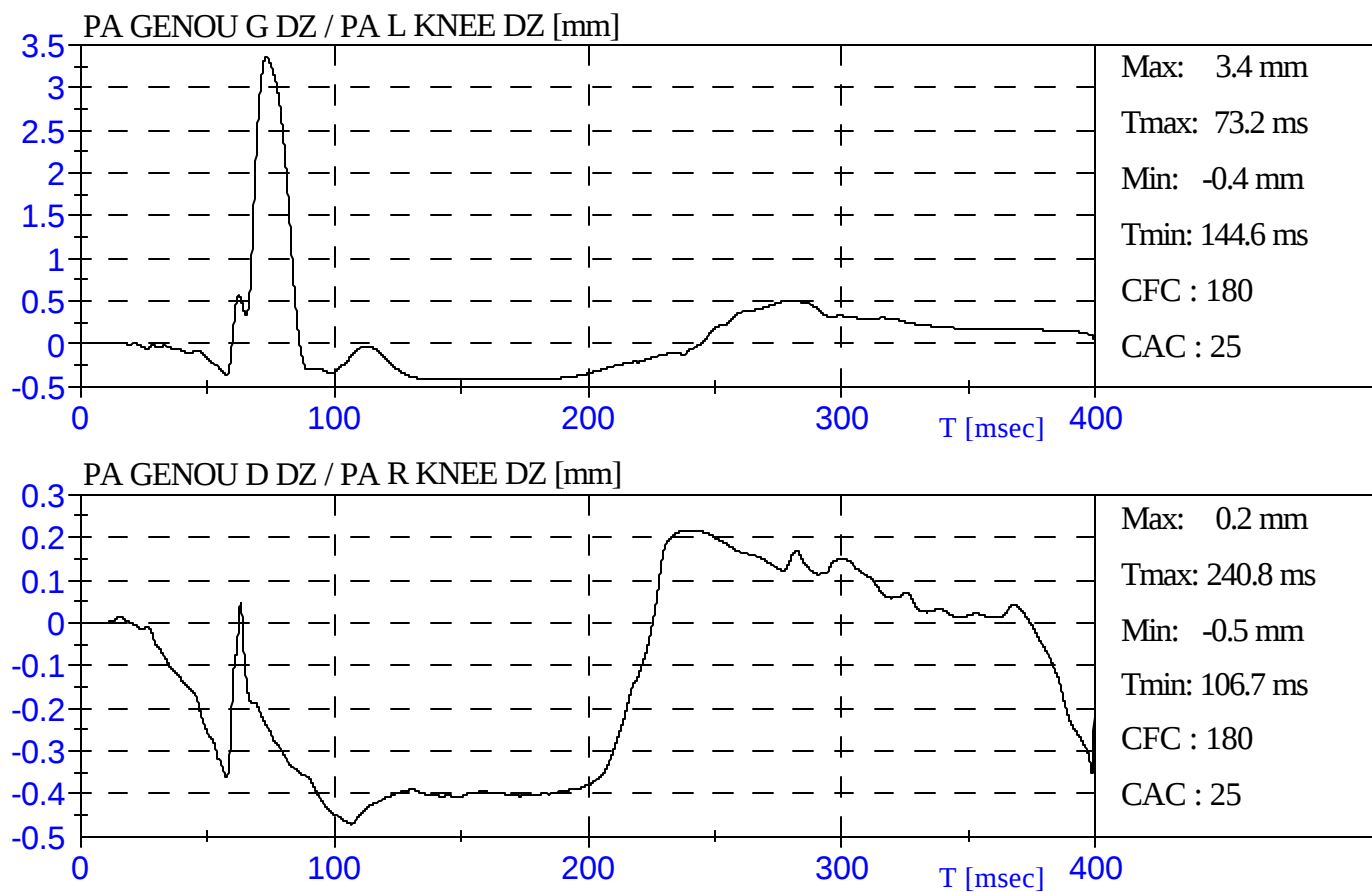


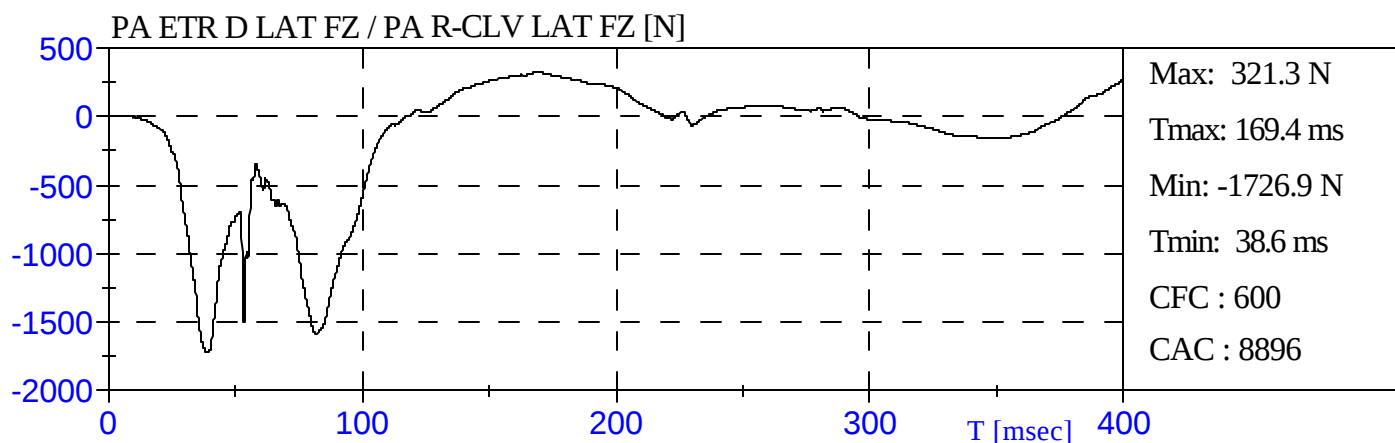
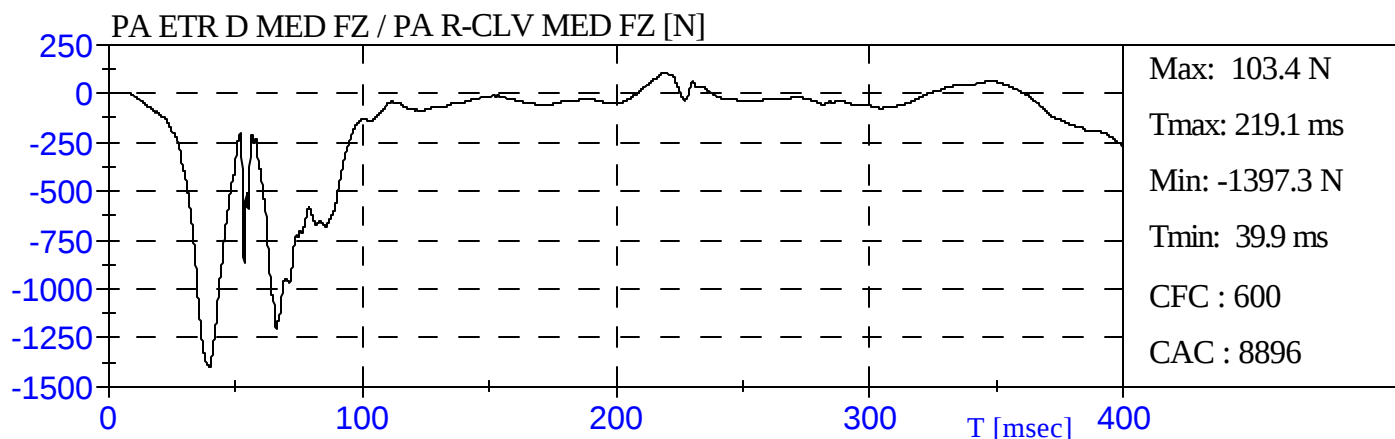
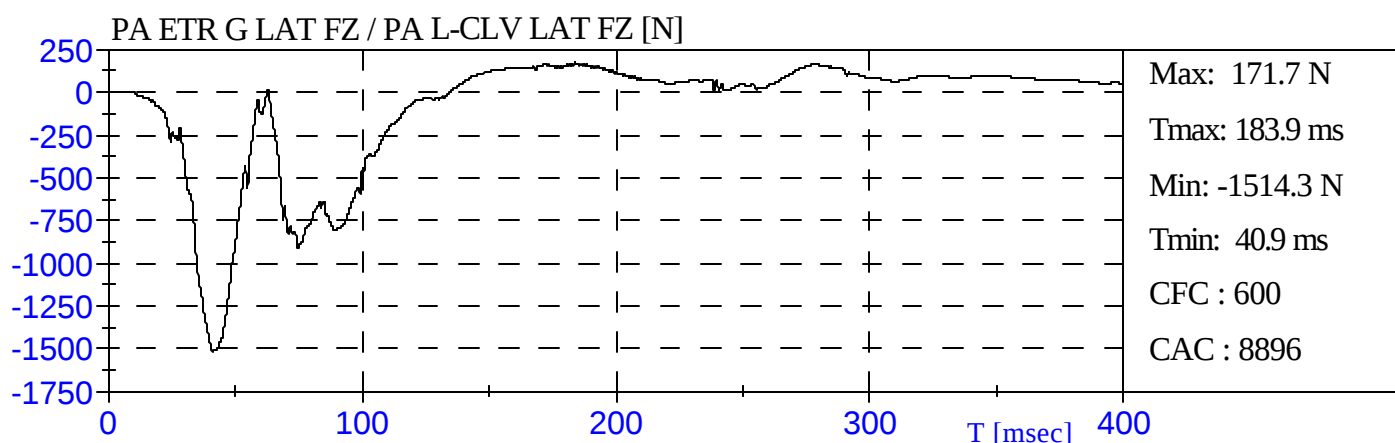
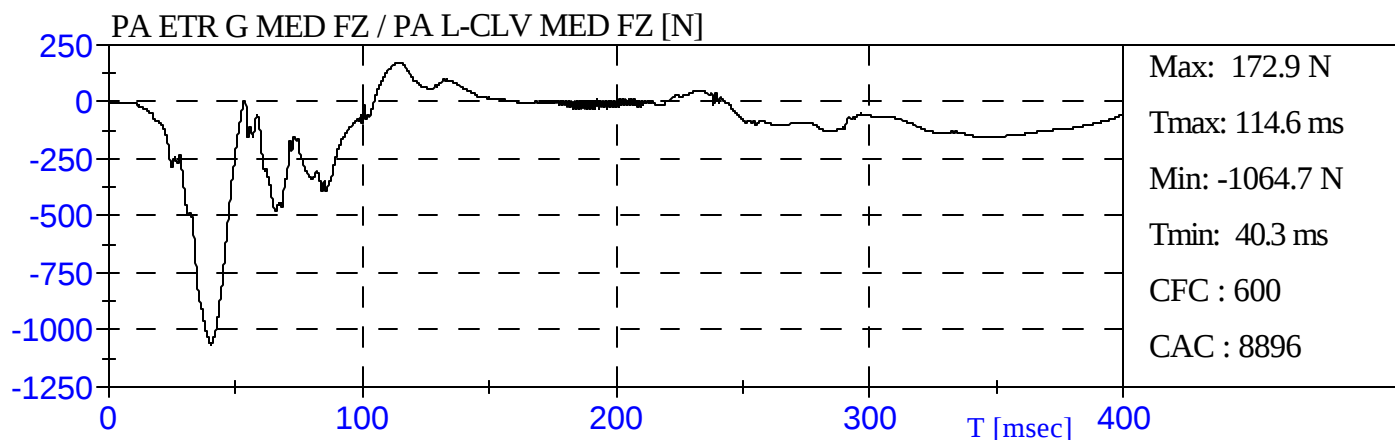


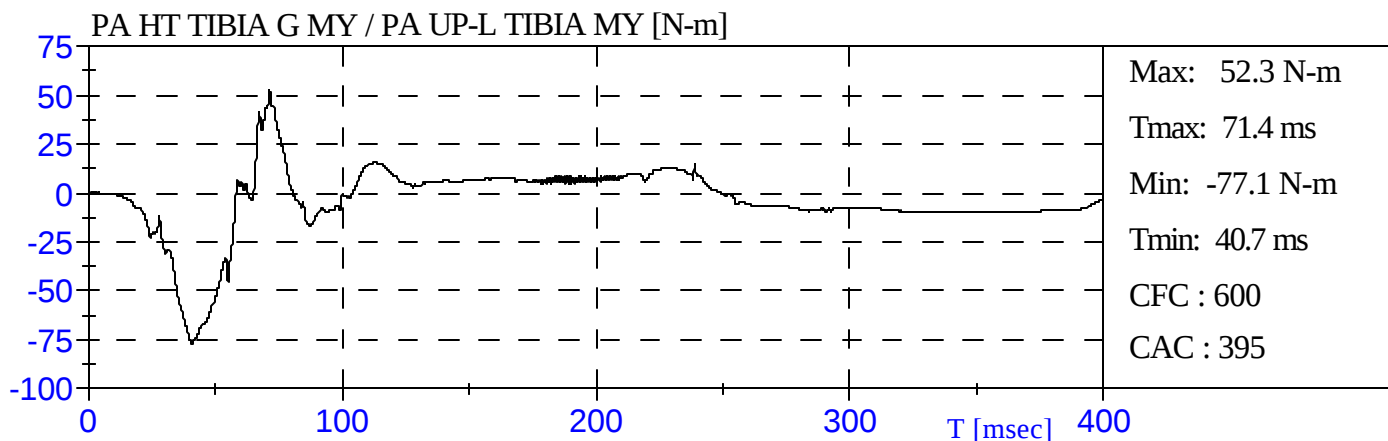
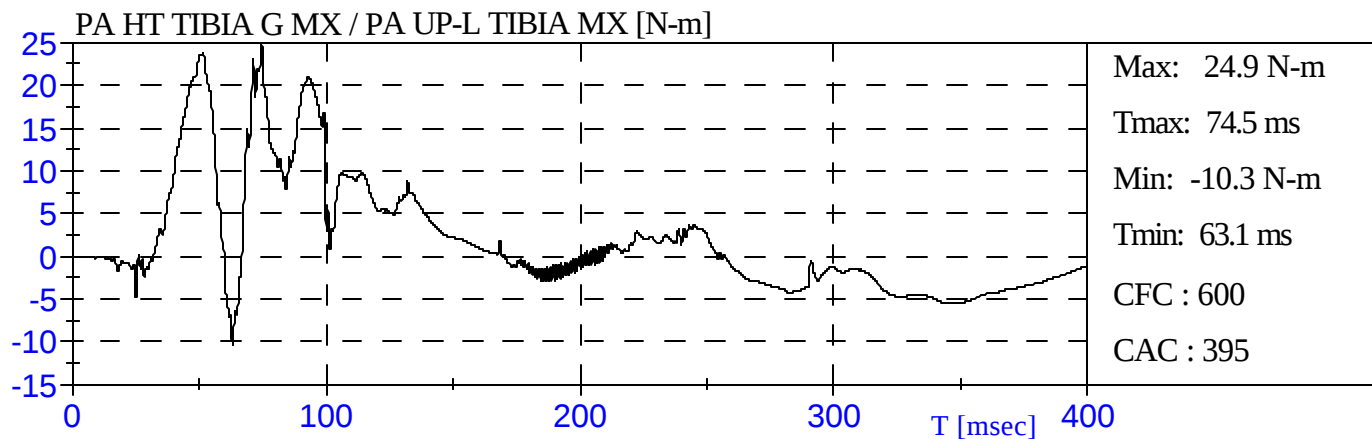
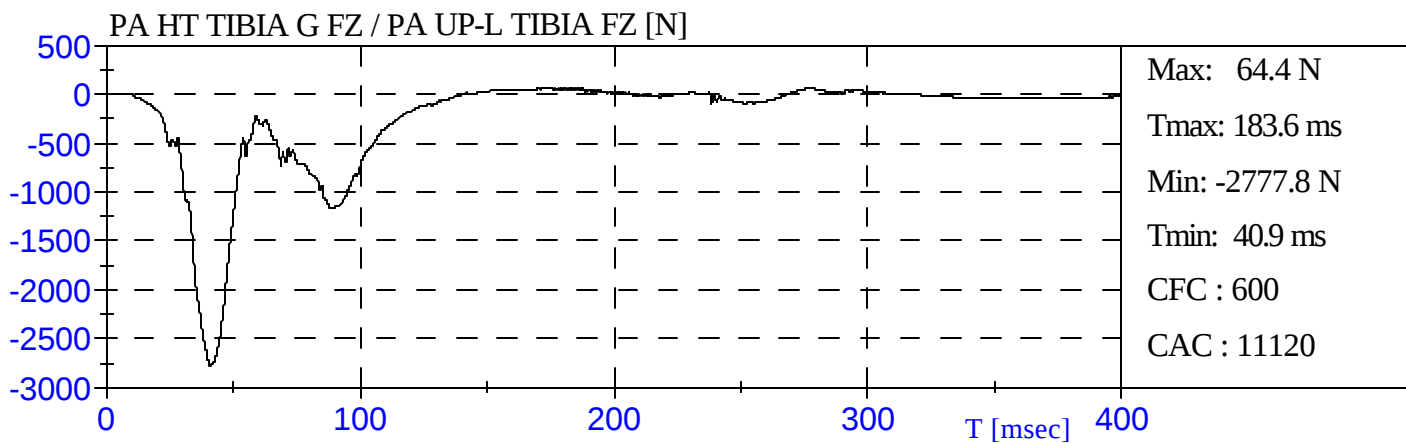
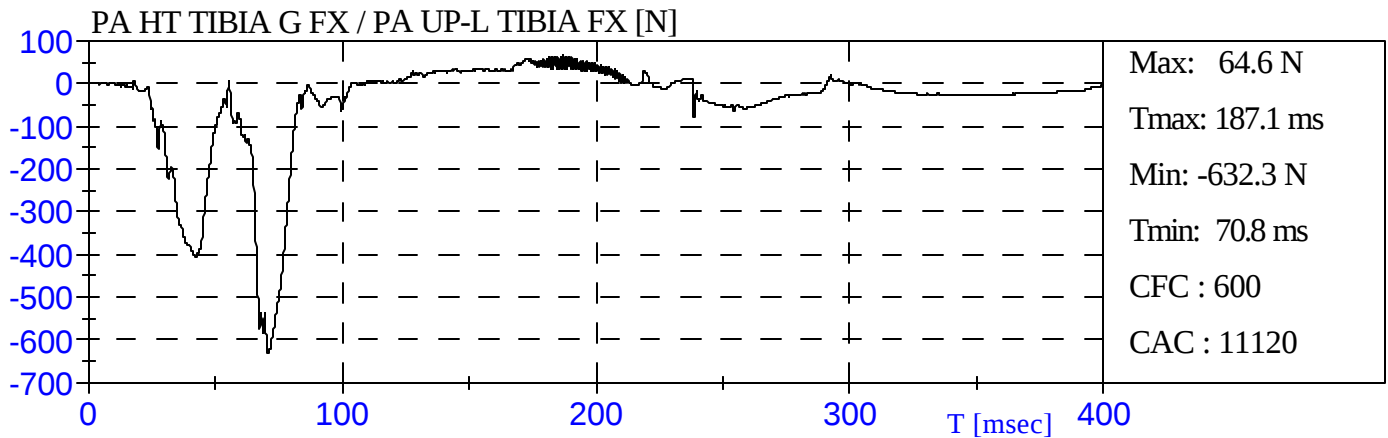


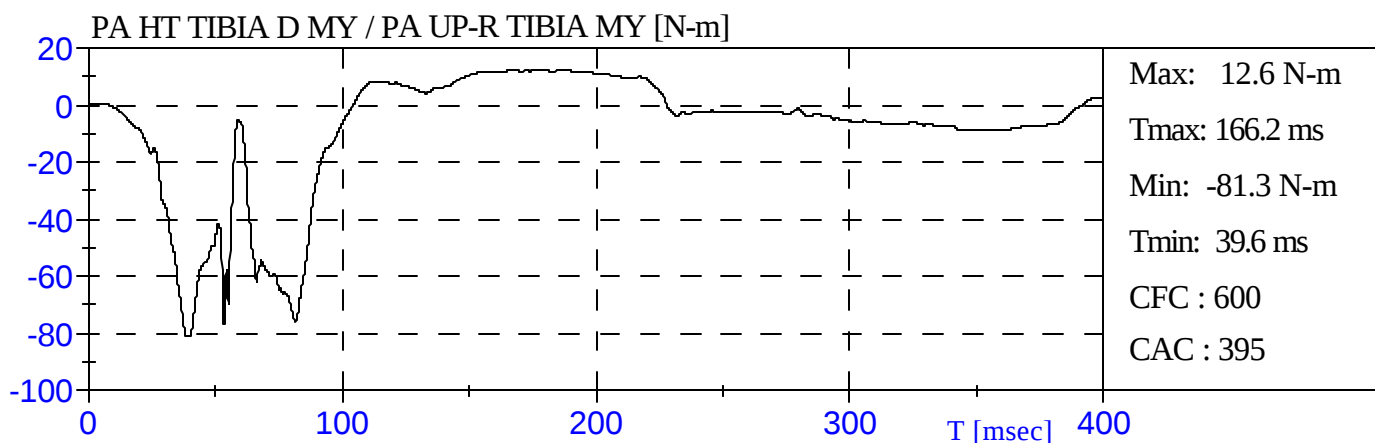
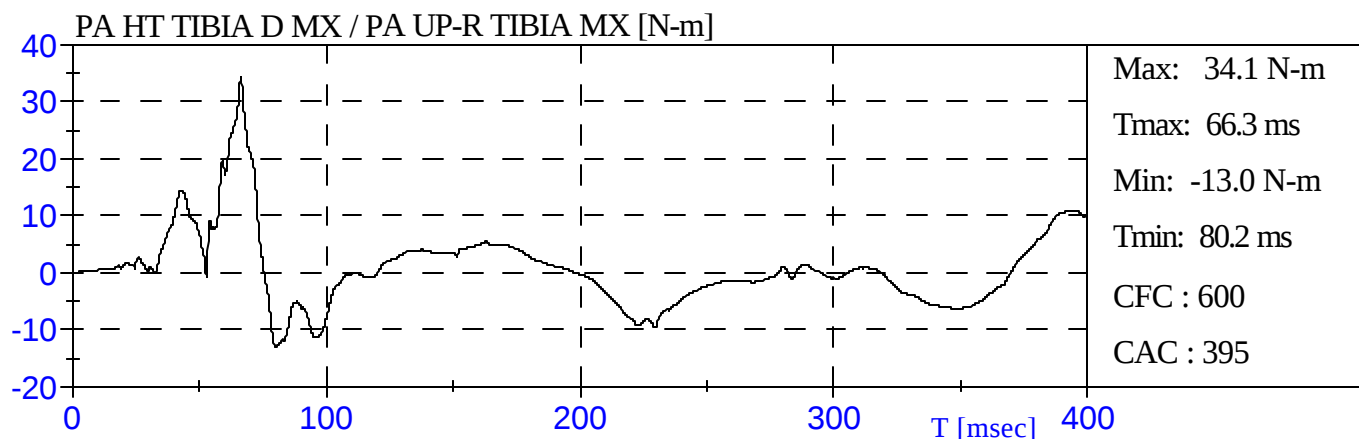
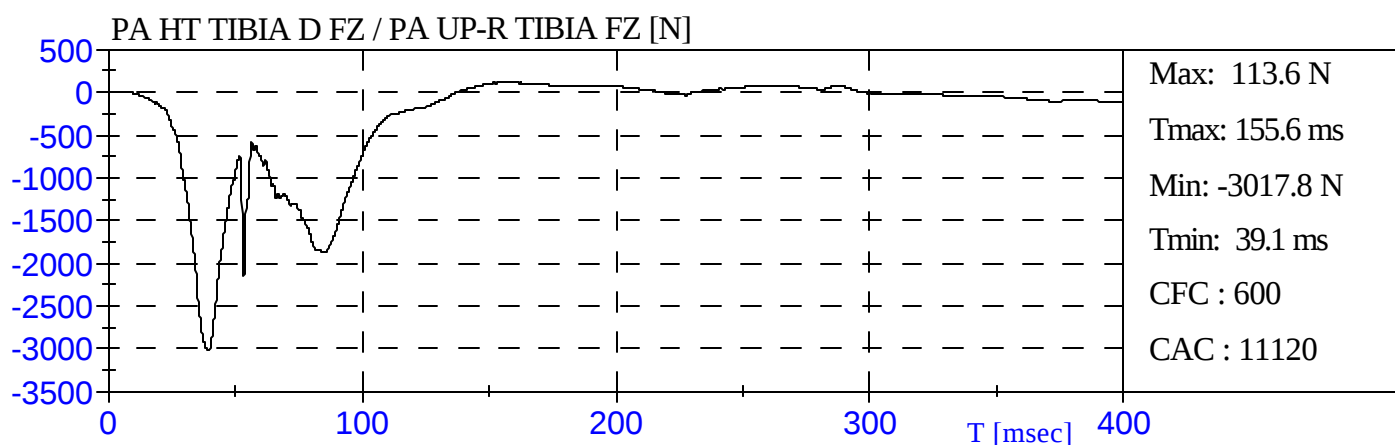
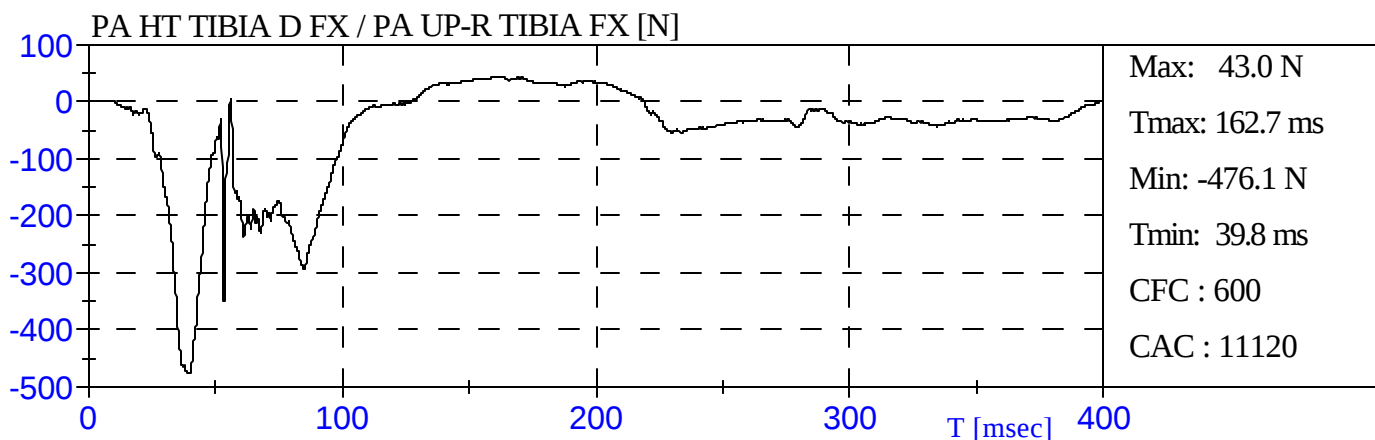


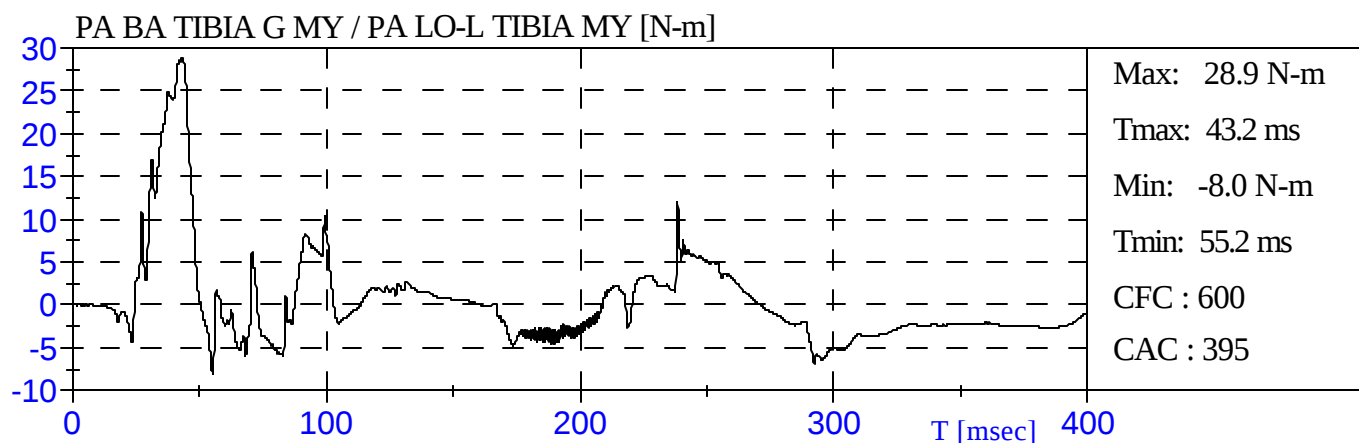
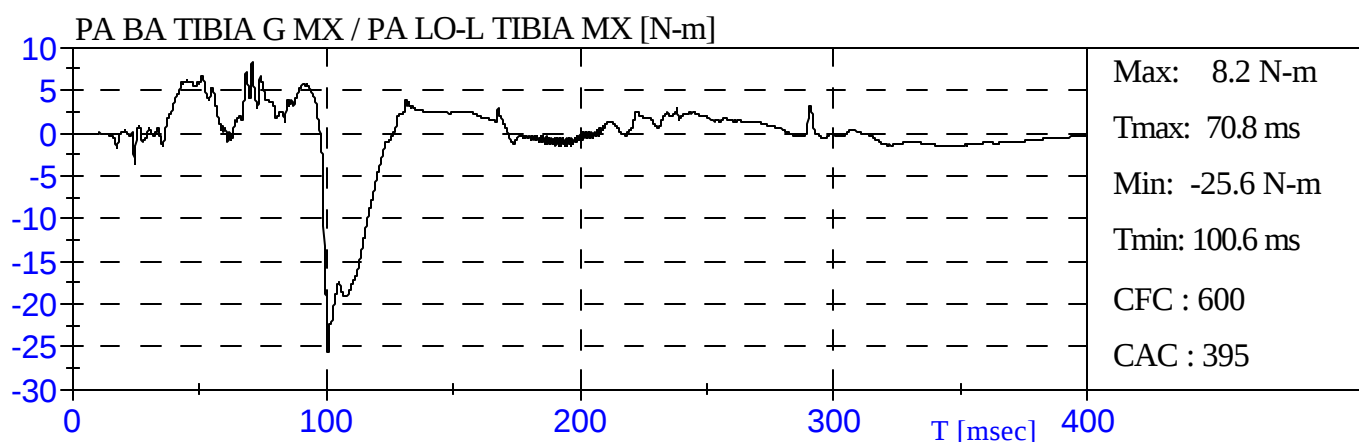
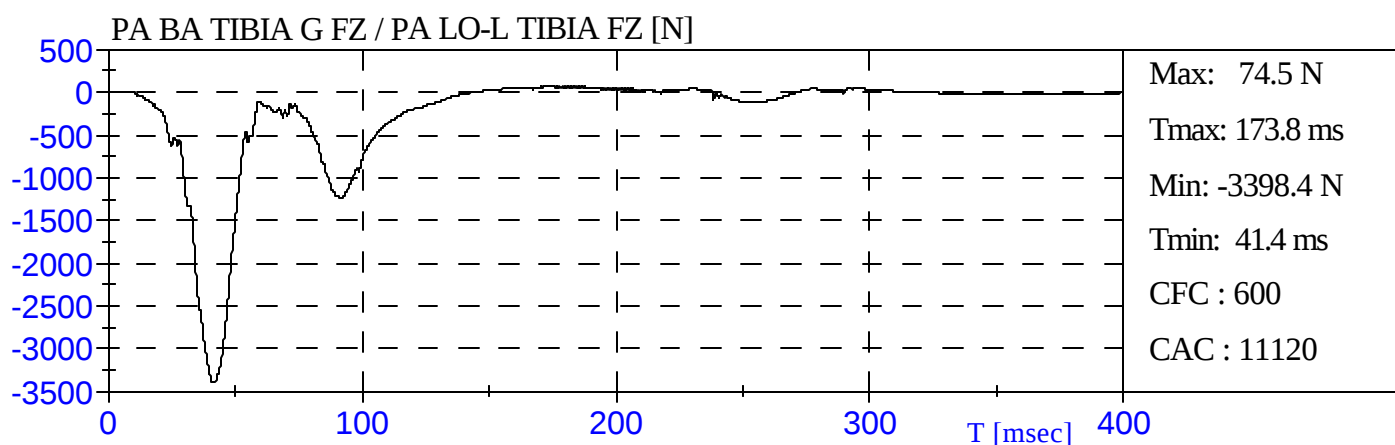
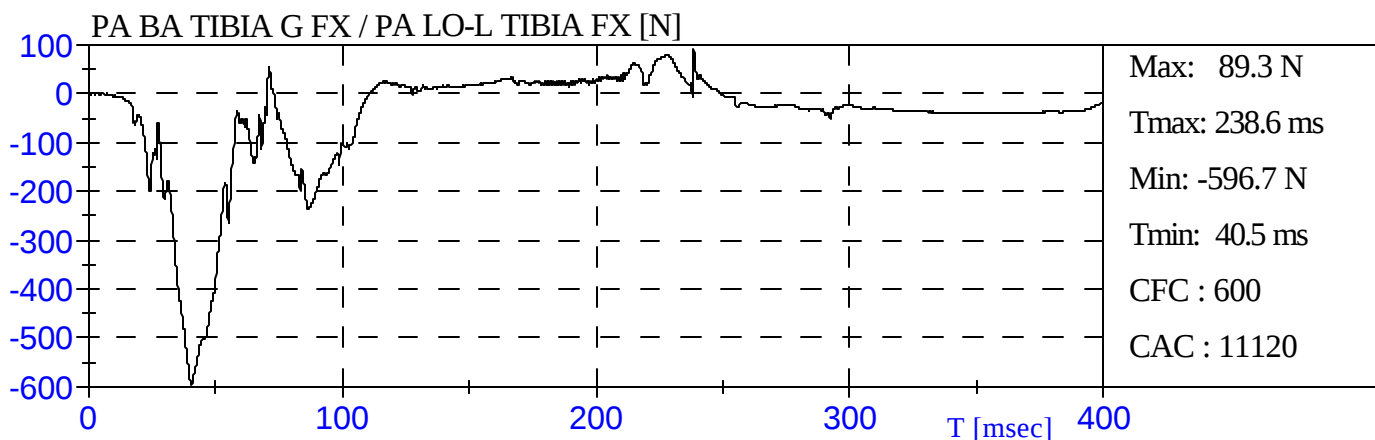


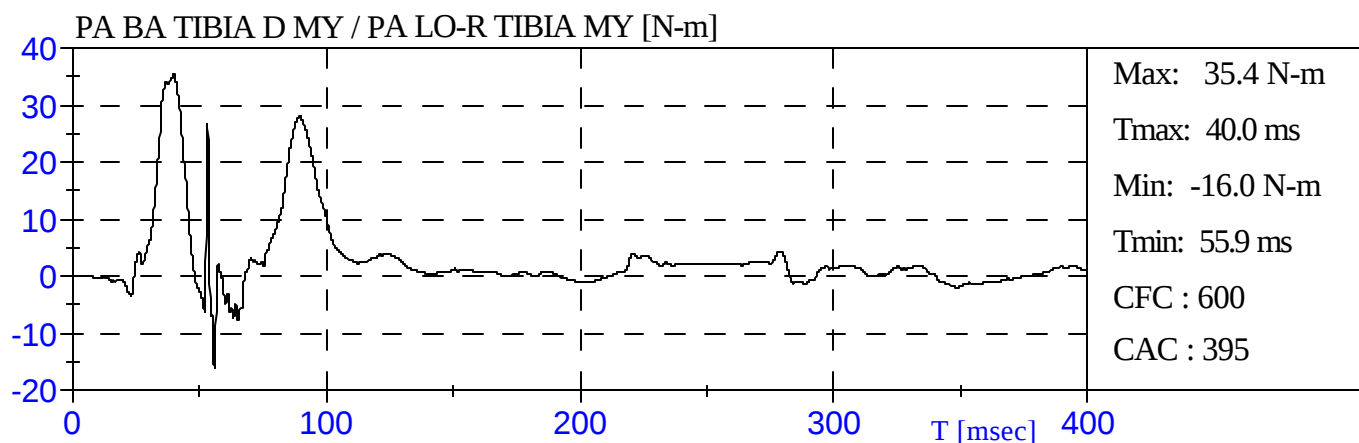
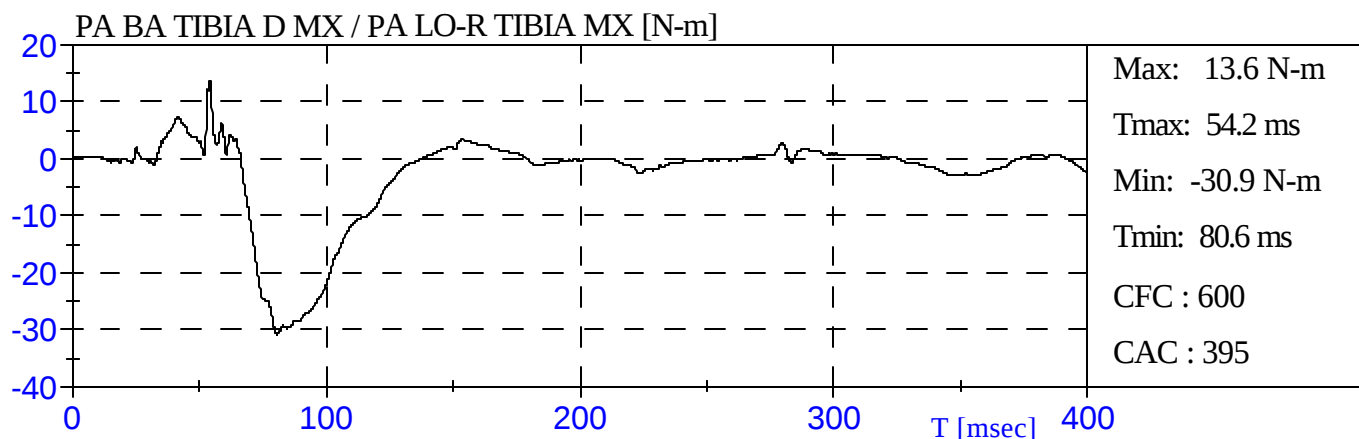
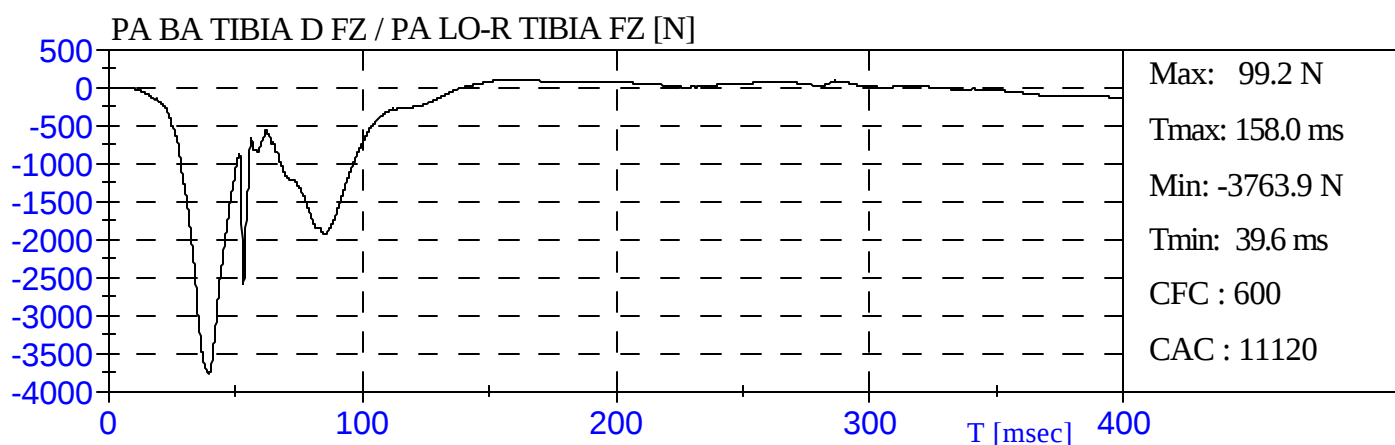
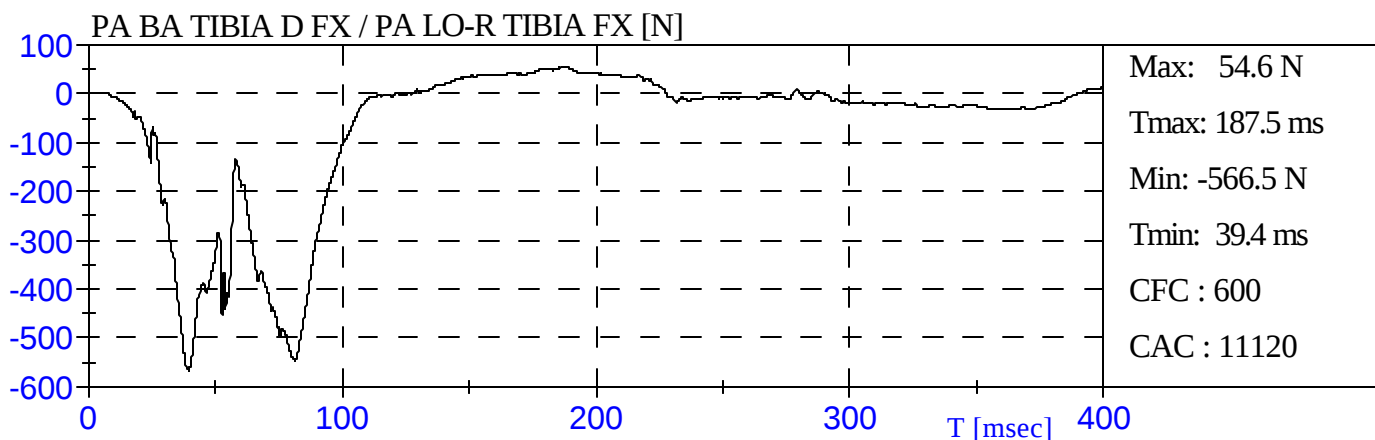


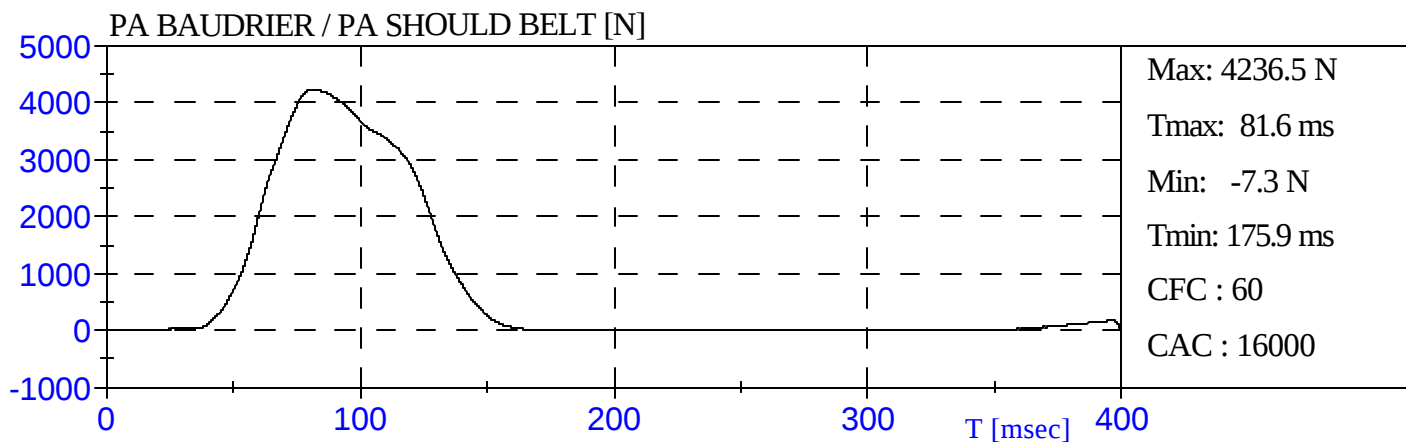
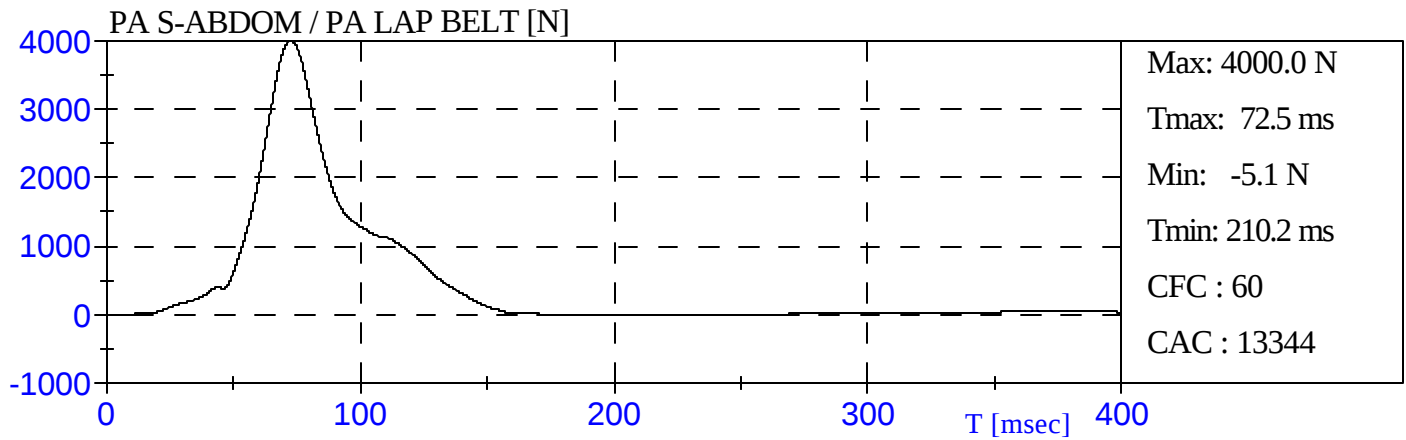


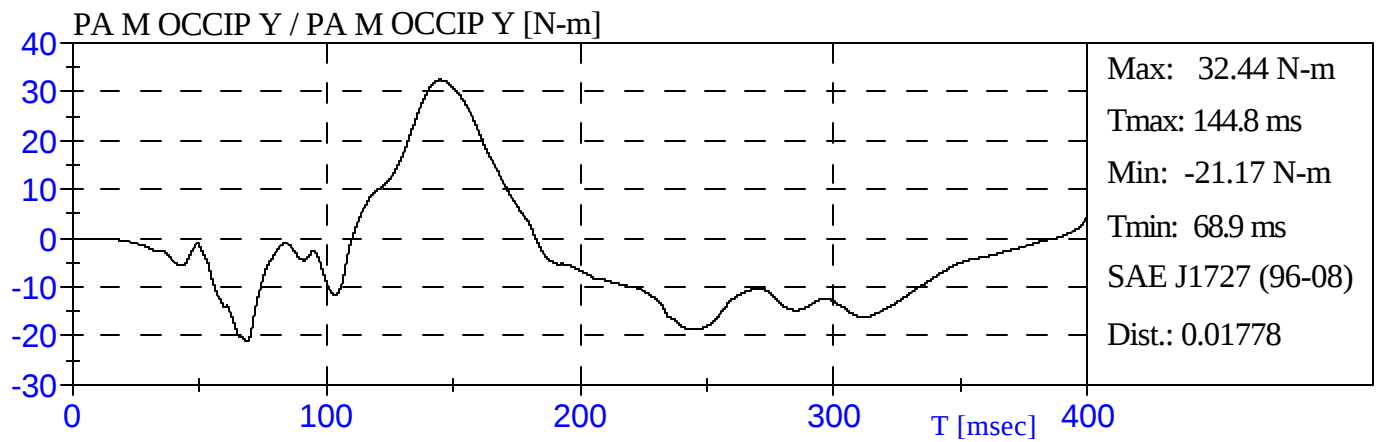


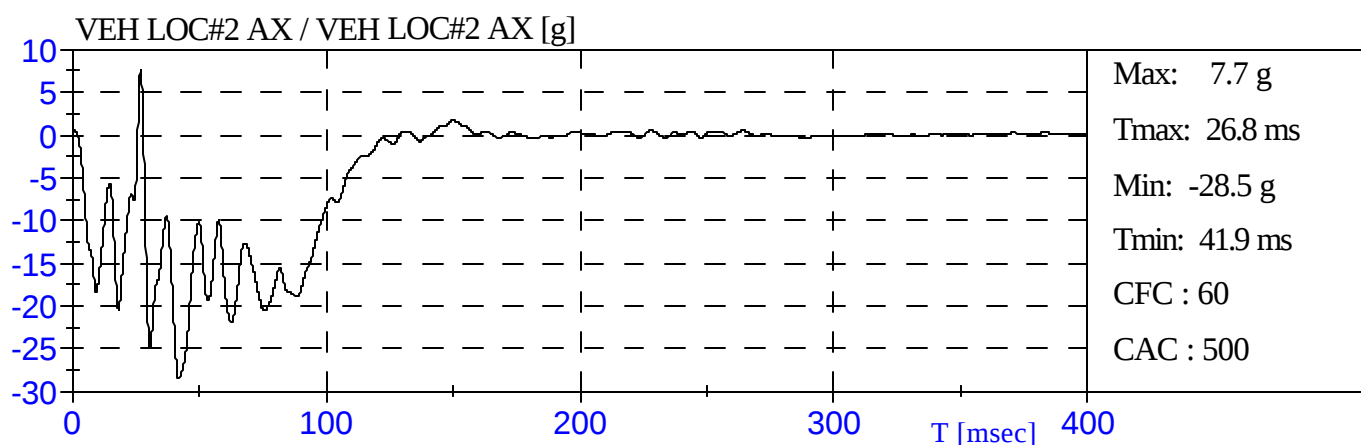
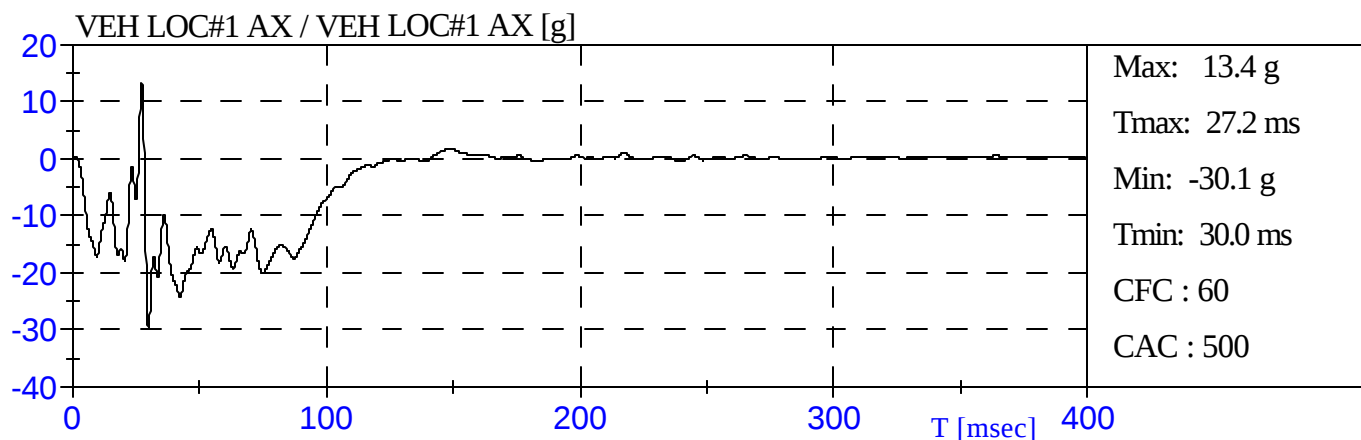


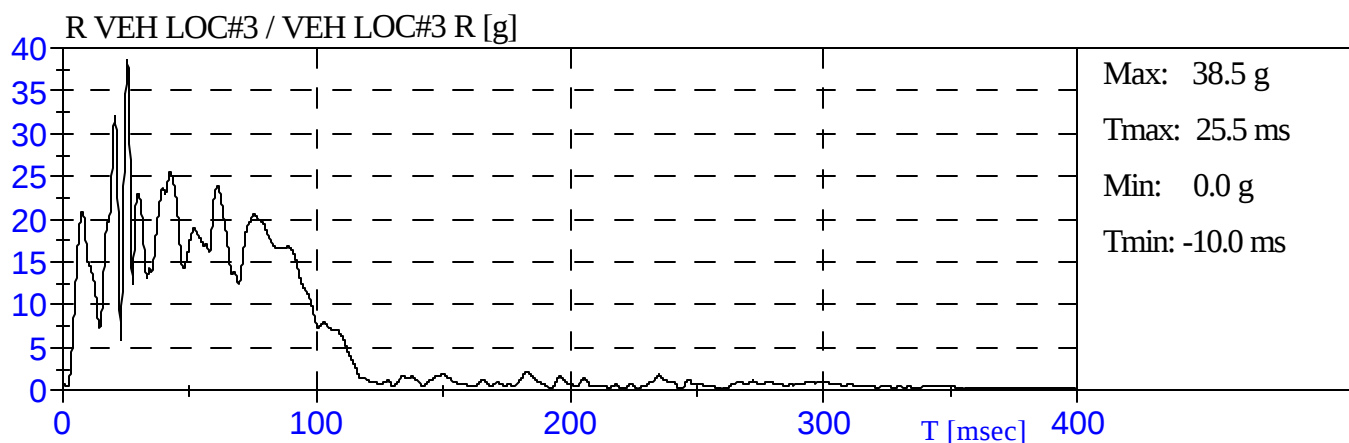
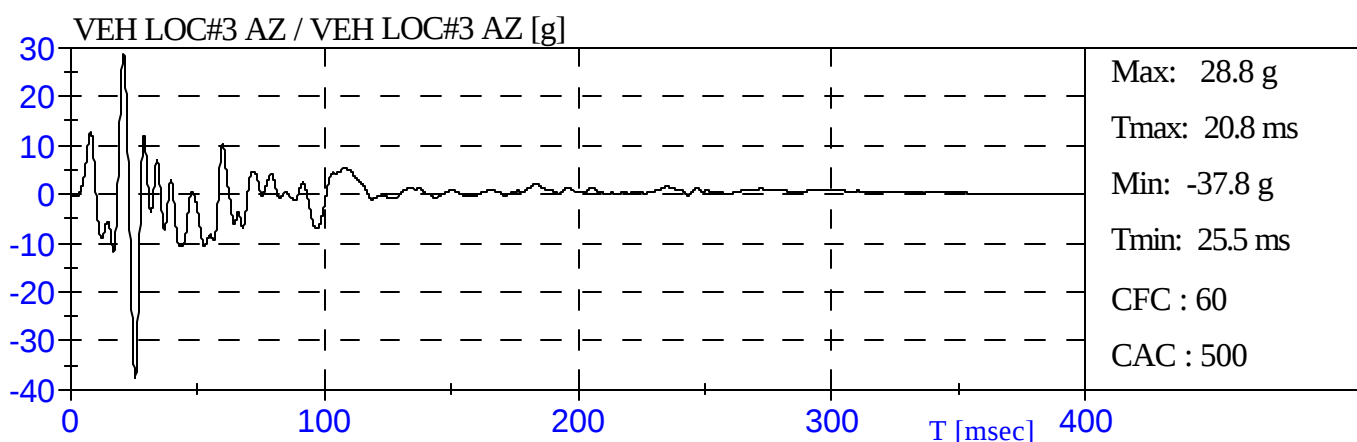
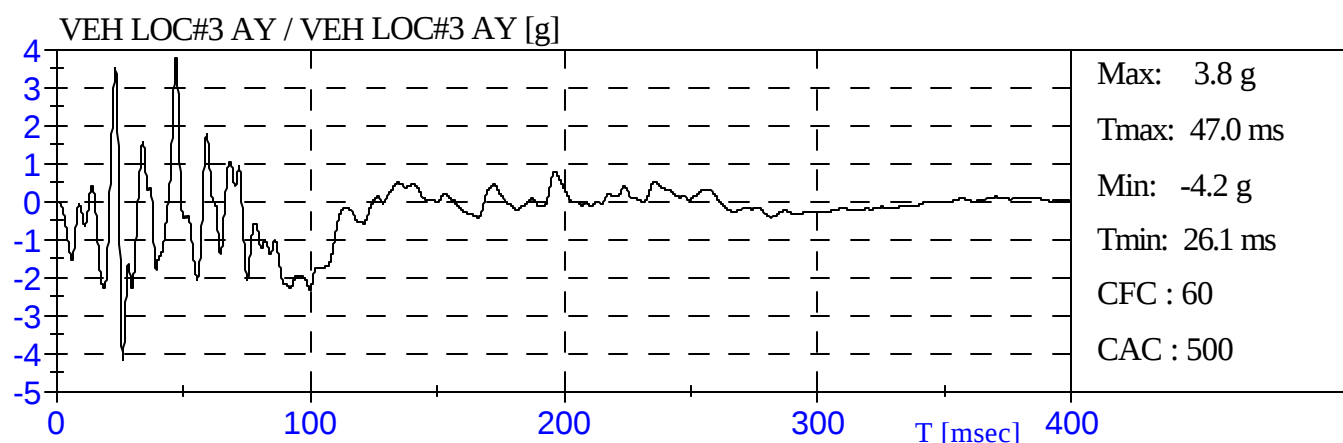
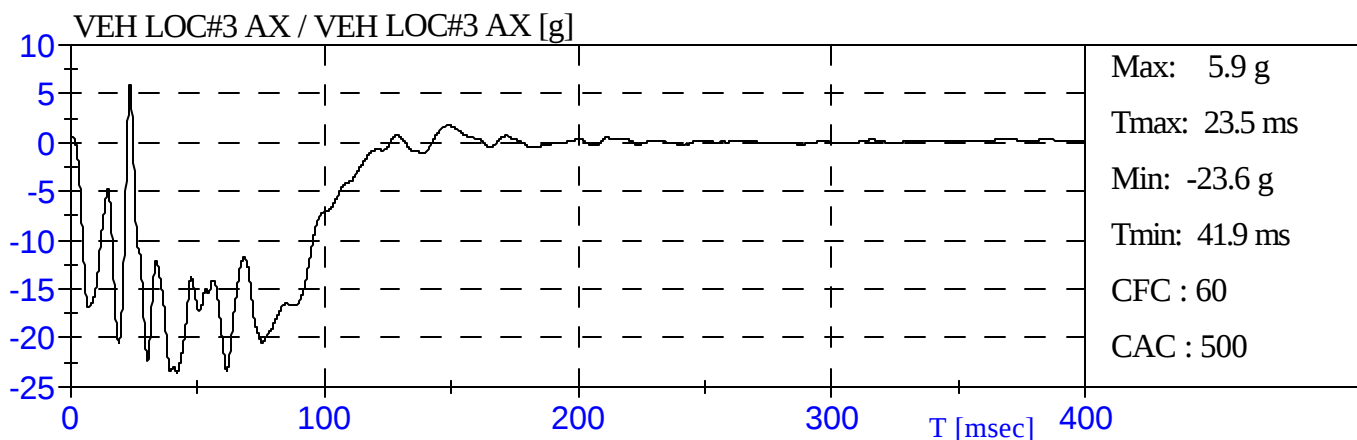


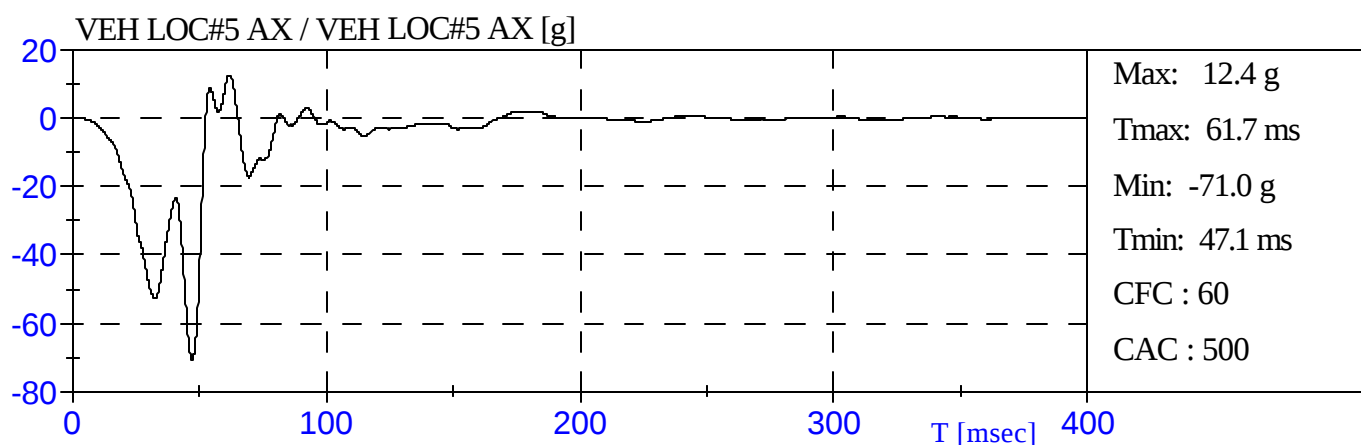
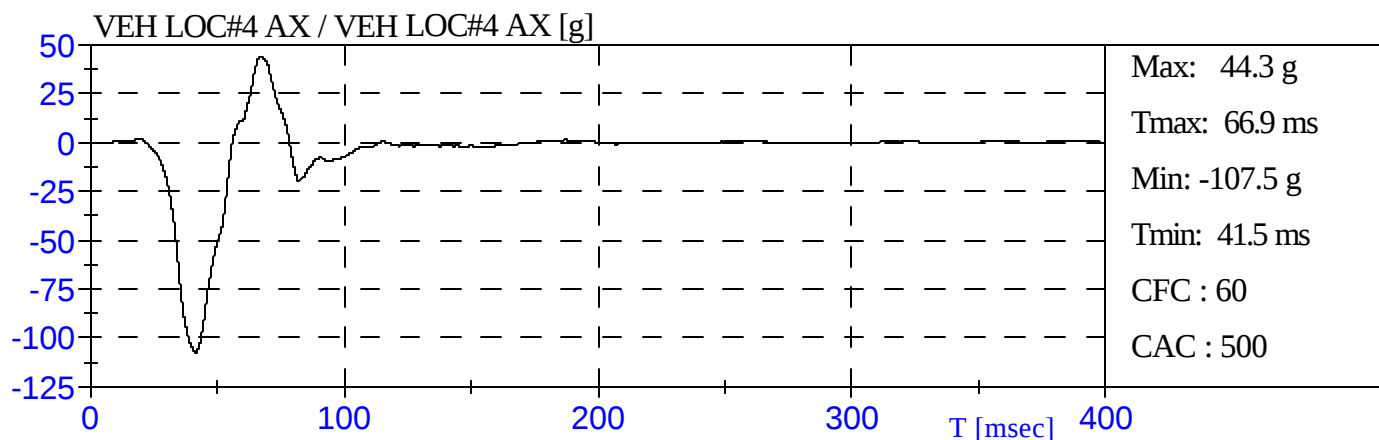


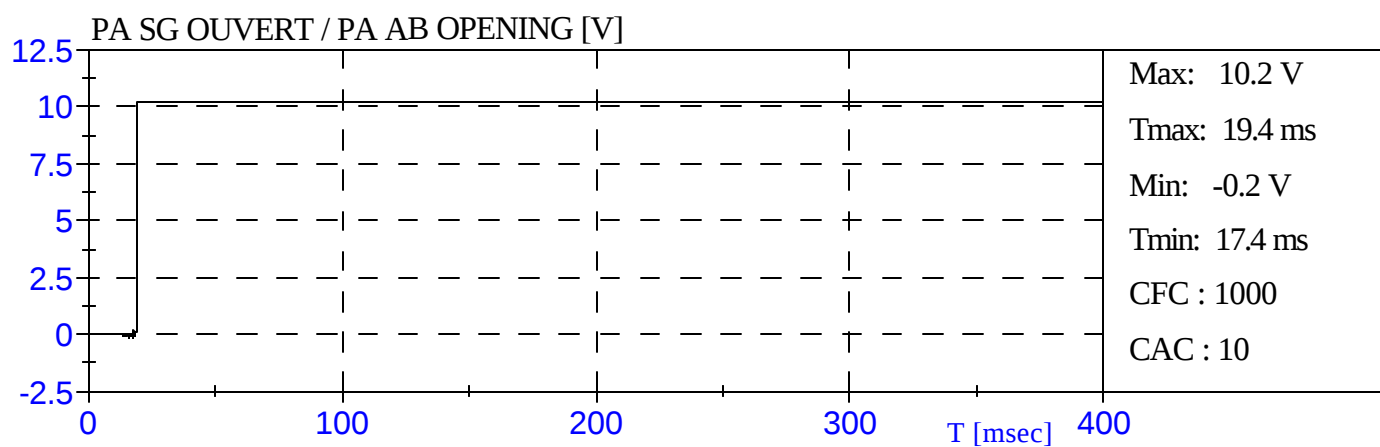
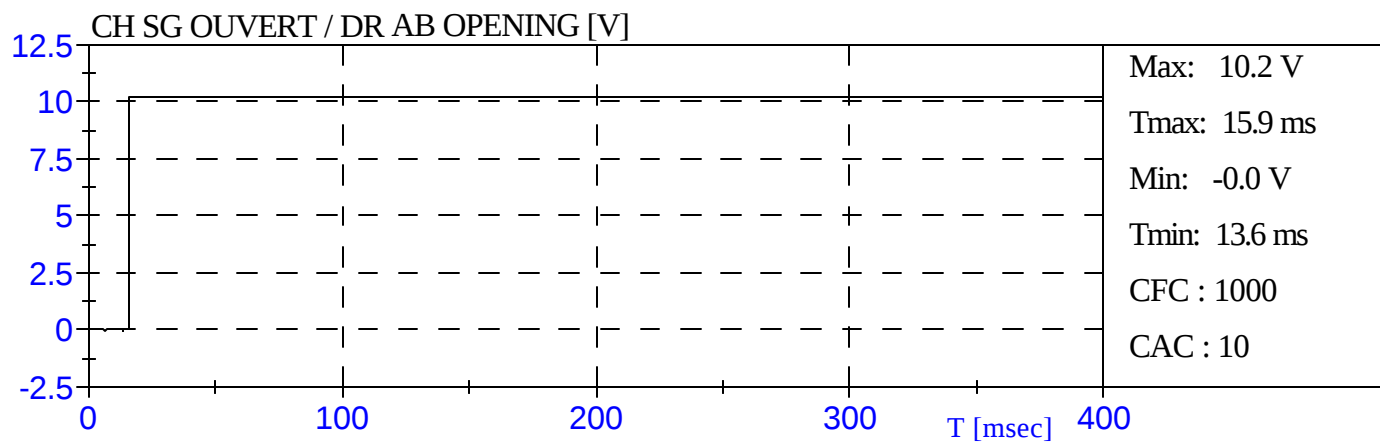


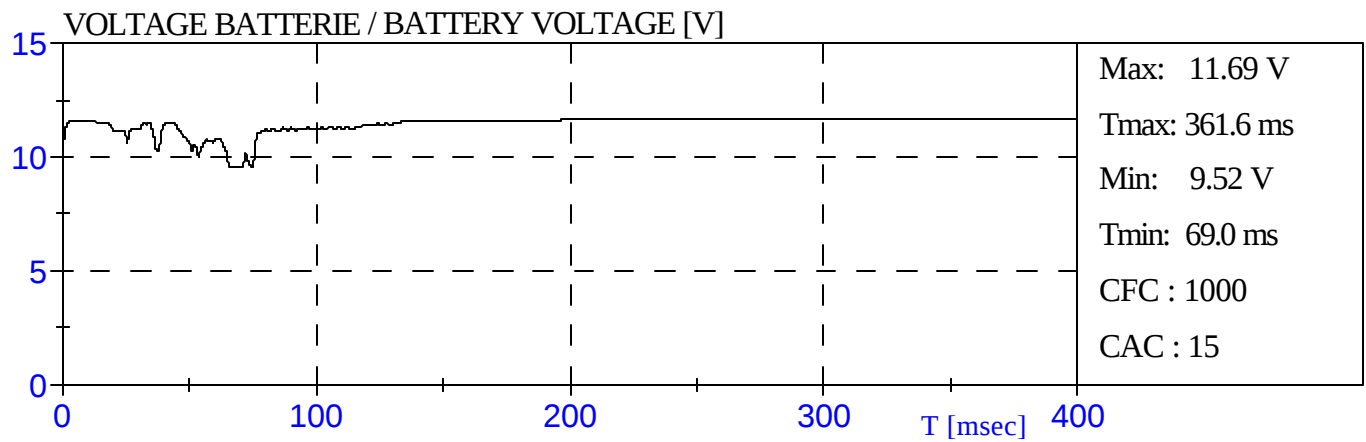


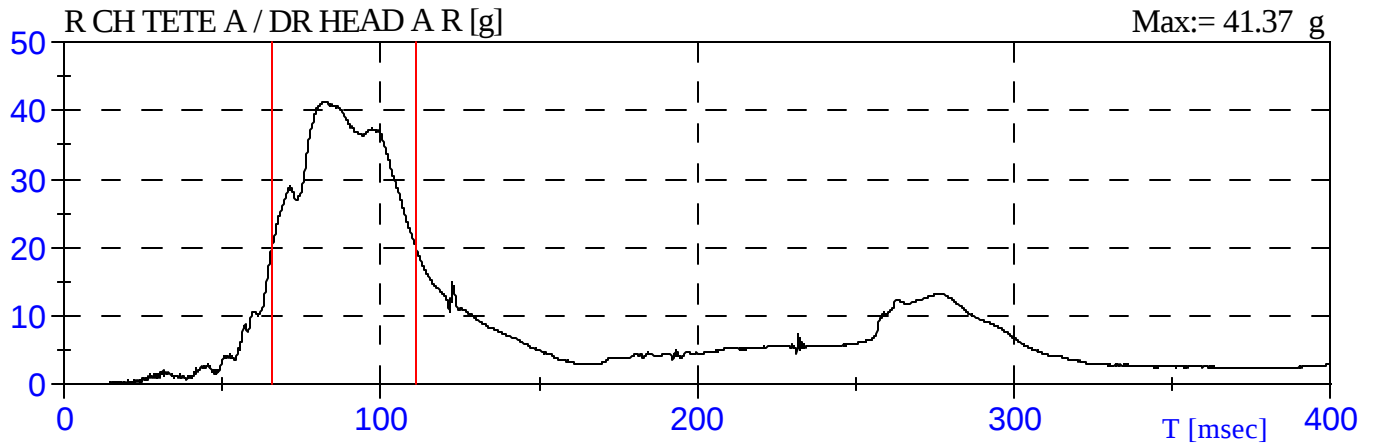










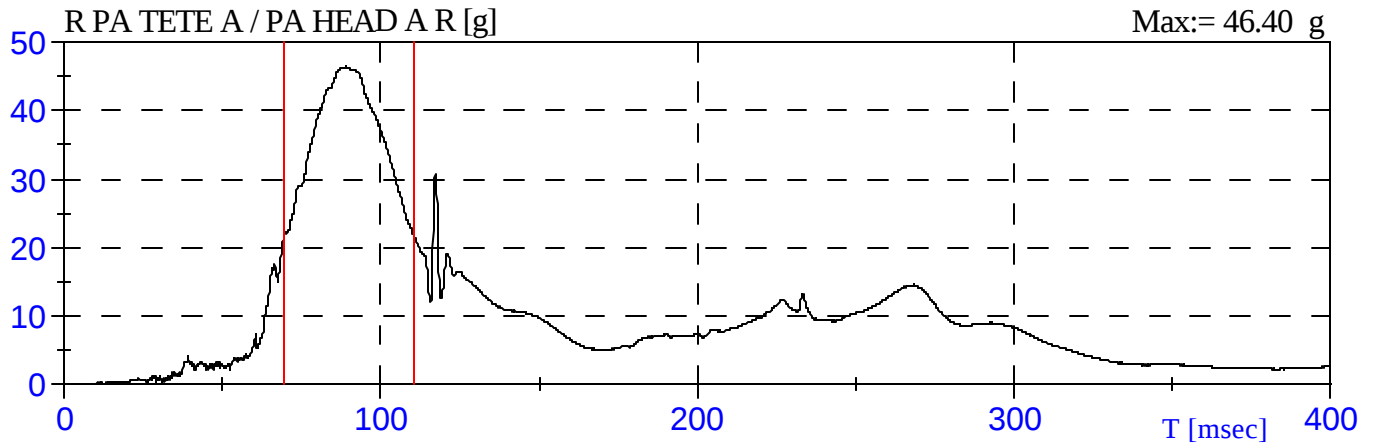


HEAD INJURY CRITERIA (HIC) *

CRITÈRE DE BLESSURE DE LA TÊTE

HIC:= 288	HIC(36ms):= 272	HIC(15ms):= 148
T1:= 65.5 ms	T1:= 70.0 ms	T1:= 77.7 ms
T2:= 111.2 ms	T2:= 106.0 ms	T2:= 92.7 ms

* Selon / According To: SAE J1727 96-08

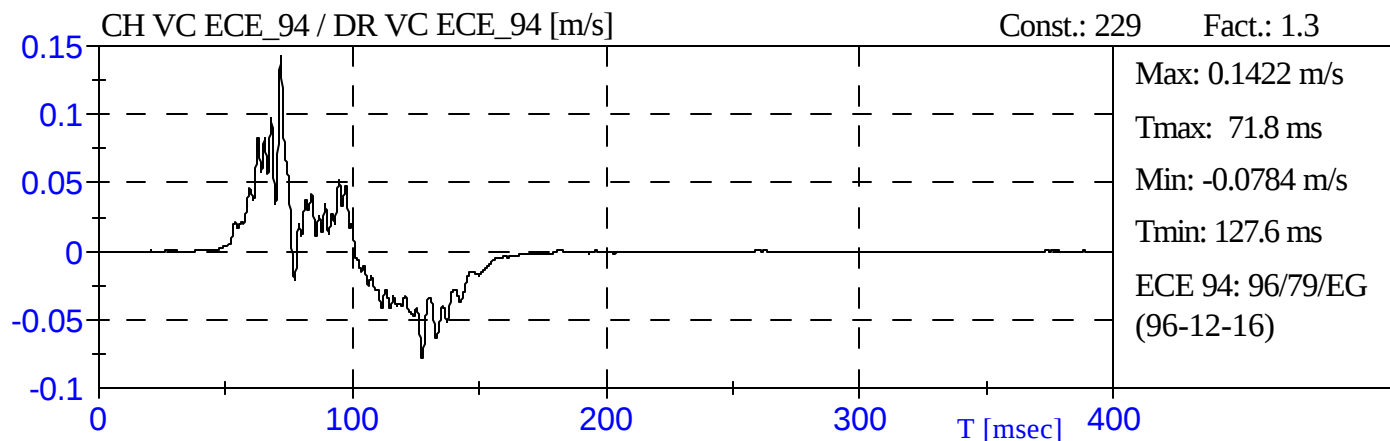
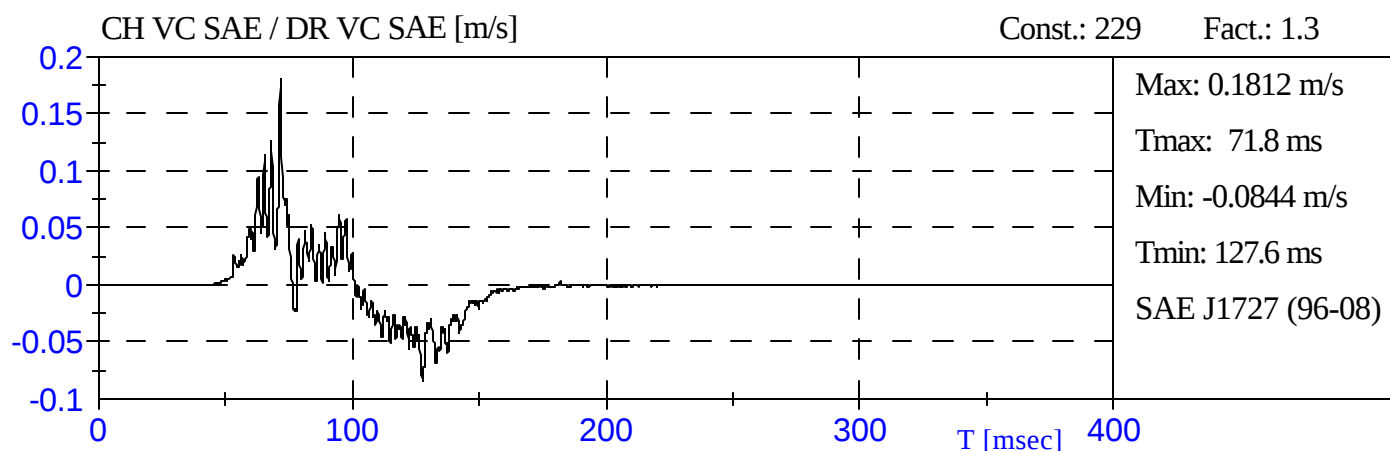
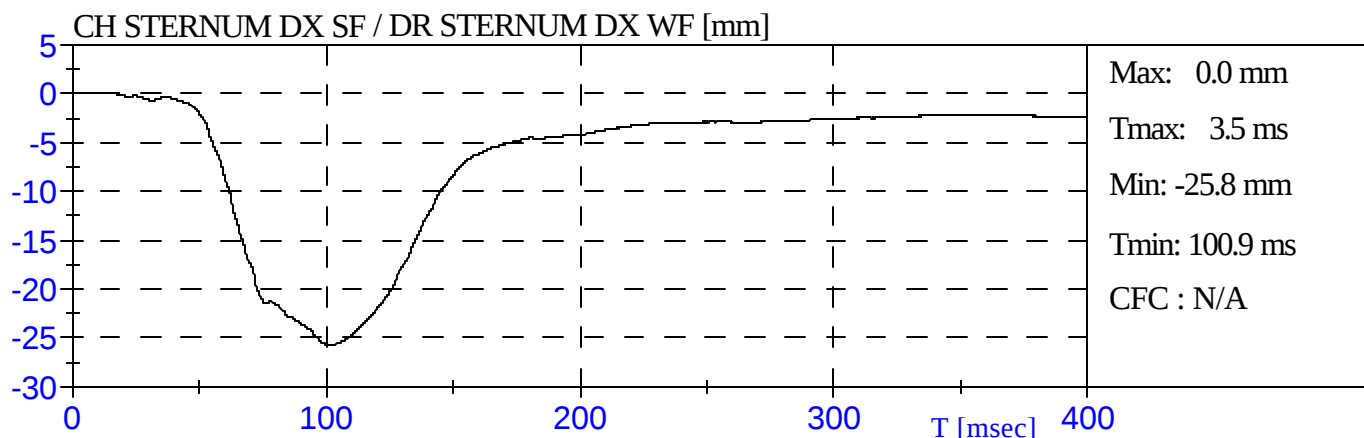


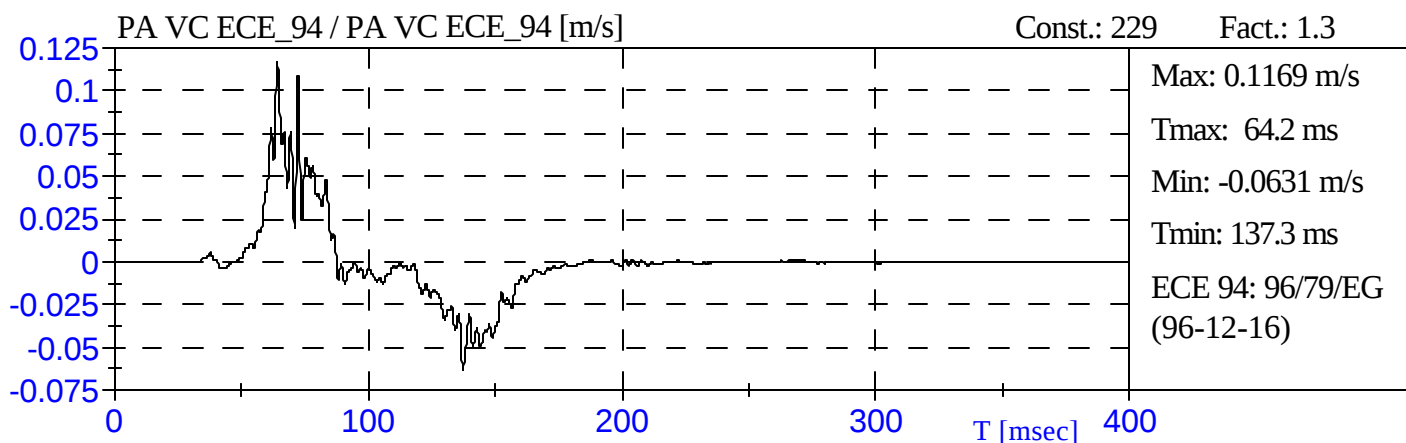
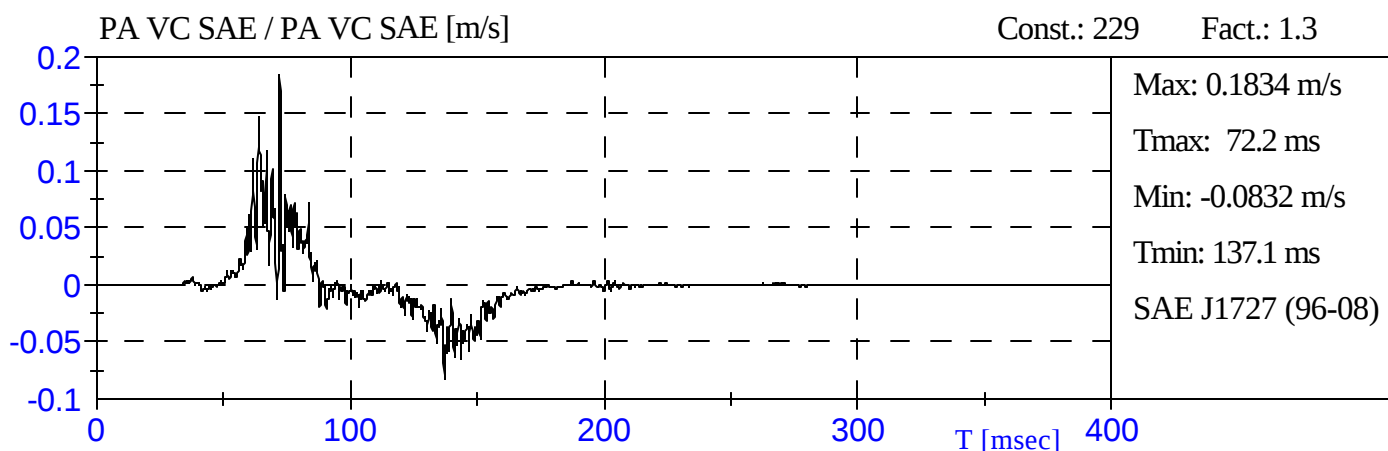
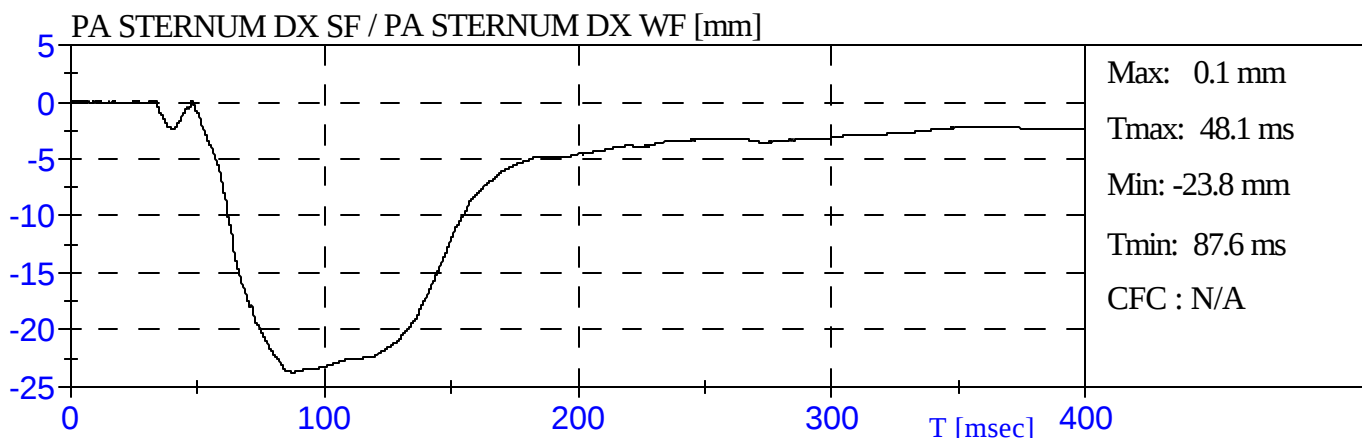
HEAD INJURY CRITERIA (HIC) *

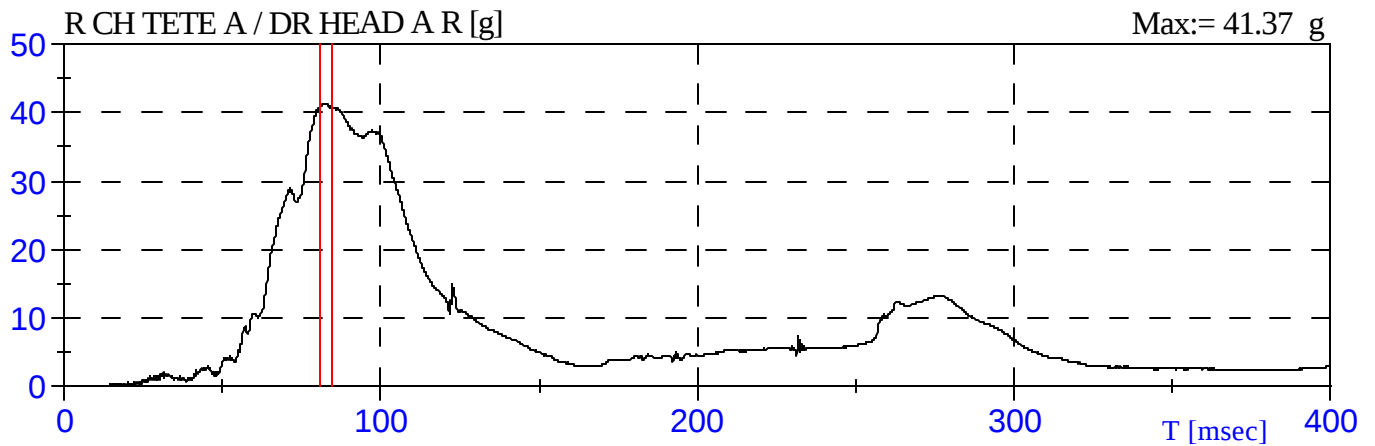
CRITÈRE DE BLESSURE DE LA TÊTE

HIC:= 321	HIC(36ms):= 319	HIC(15ms):= 198
T1:= 69.3 ms	T1:= 72.0 ms	T1:= 81.6 ms
T2:= 110.6 ms	T2:= 108.0 ms	T2:= 96.6 ms

* Selon / According To: SAE J1727 96-08

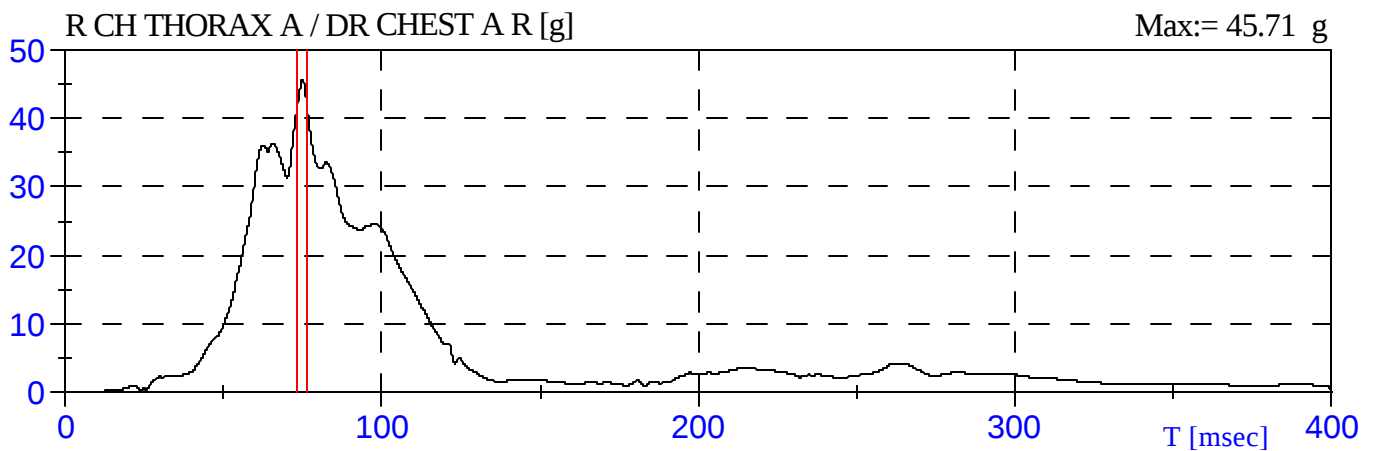






CLIP 3ms *

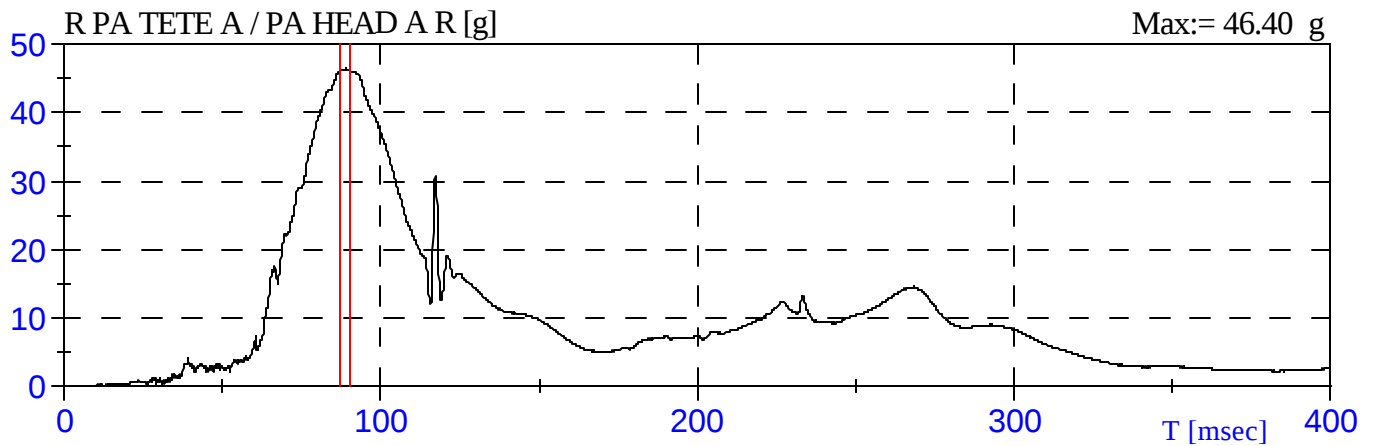
Acc. := 40.81 g	T1:= 80.8 ms	T2:= 84.3 ms
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CLIP 3ms *

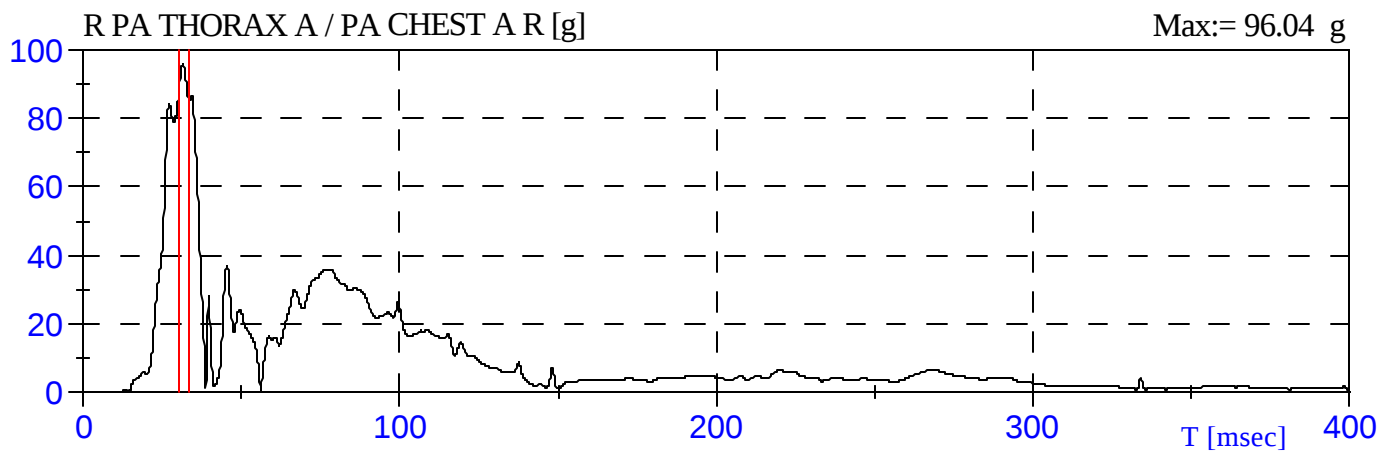
Acc. := 41.95 g	T1:= 73.4 ms	T2:= 76.4 ms
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* Selon / According To: NHTSA CLIP VERSION 2.1 5/95



CLIP 3ms *

Acc. := 46.11 g	T1:= 87.2 ms	T2:= 90.2 ms
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CLIP 3ms *

Acc. := 86.48 g	T1:= 30.1 ms	T2:= 33.1 ms
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* Selon / According To: NHTSA CLIP VERSION 2.1 5/95

INDEX DU TIBIA *
TIBIA INDEX *
TI Chauffeur / Driver
 $Mc := 225 \text{ N-m}$
 $Fc := 35.9 \text{ kN}$

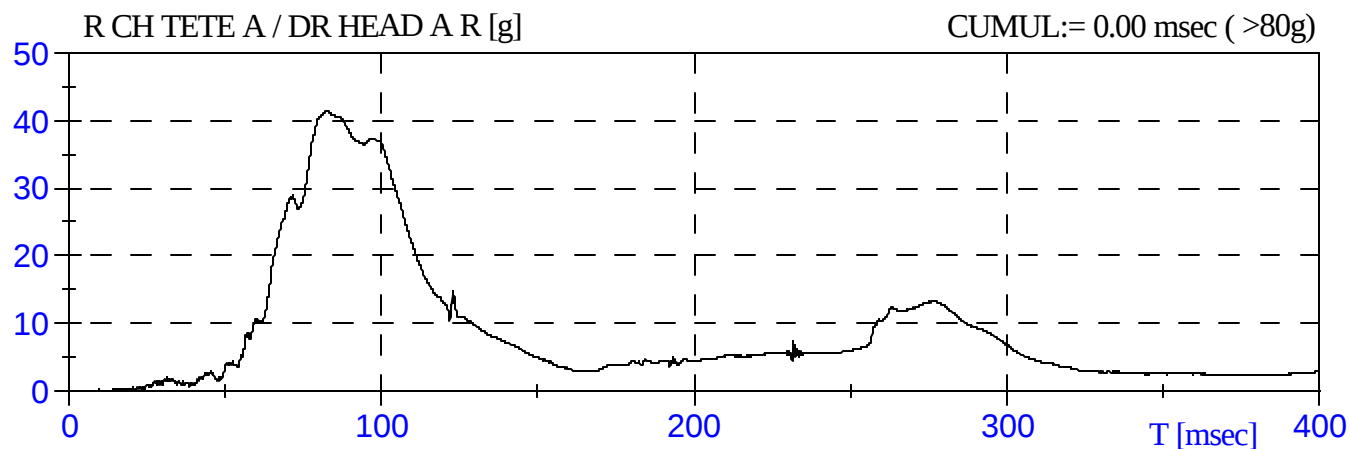
TIBIA	GAUCHE / LEFT	DROIT / RIGHT
HAUT / UPPER	0.441	0.647
BAS / LOWER	0.229	0.315

TI Passenger / Passenger
 $Mc := 225 \text{ N-m}$
 $Fc := 35.9 \text{ kN}$

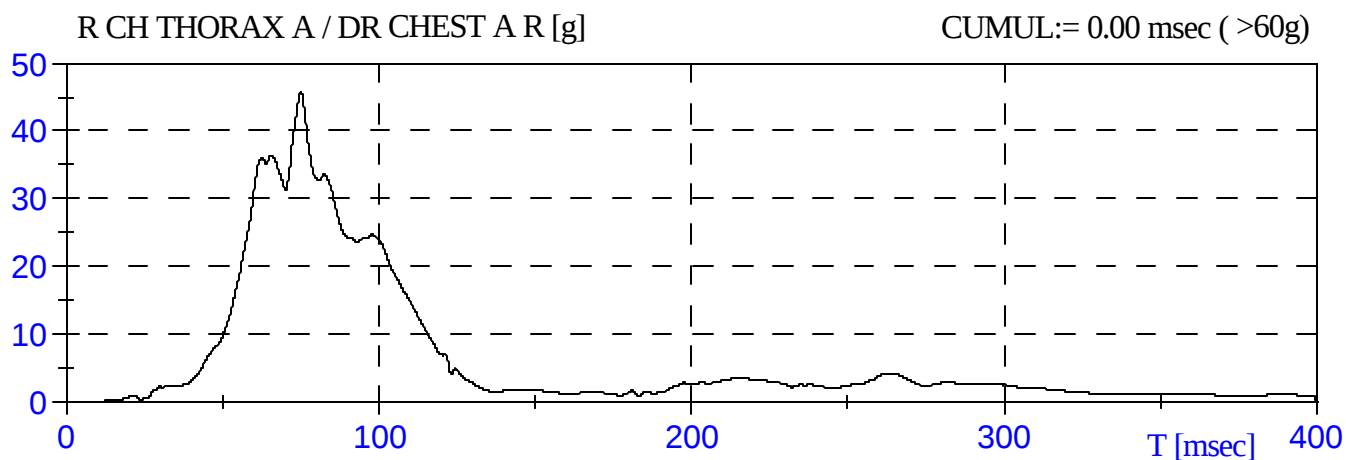
TIBIA	GAUCHE / LEFT	DROIT / RIGHT
HAUT / UPPER	0.424	0.447
BAS / LOWER	0.224	0.264

* Selon / According To: SAE J1727 AUG 96

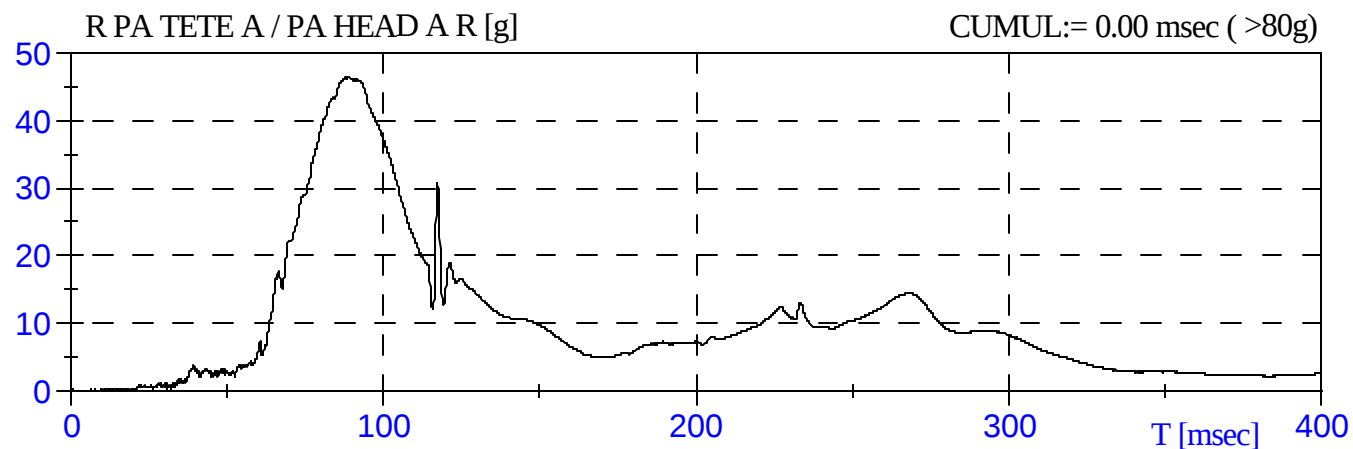
ACCÉLÉRATION DE LA TÊTE >80 g / HEAD ACCELERATION > 80 g



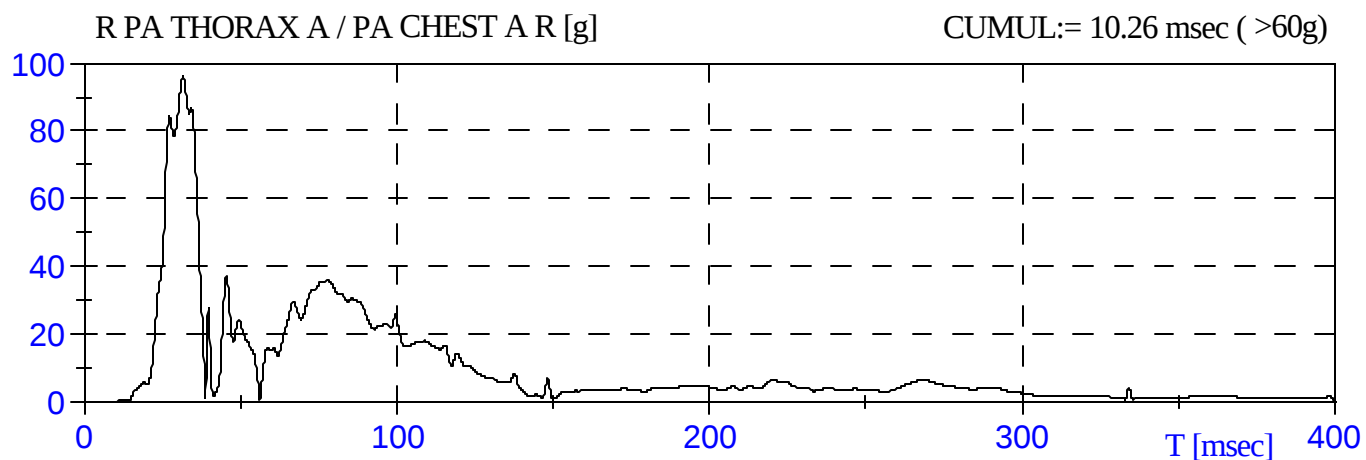
ACCÉLÉRATION DU THORAX >60 g / THORAX ACCELERATION > 60 g



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



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



Chauffeur / Driver

$$N_{ij}^* = 0.23$$

Valeurs critiques
Criticals Values

N _{te}	N _{ce}	N _{tf}	N _{cf}	T _c	6806
				C _c	6160
0.15	0.01	0.23	0.02	F _c	310
				E _c	135

Passager / Passenger

$$N_{ij}^* = 0.28$$

Valeurs critiques
Criticals Values

N _{te}	N _{ce}	N _{tf}	N _{cf}	T _c	6806
				C _c	6160
0.28	0.13	0.20	0.00	F _c	310
				E _c	135

* Selon / According To: Federal Register 5/2000