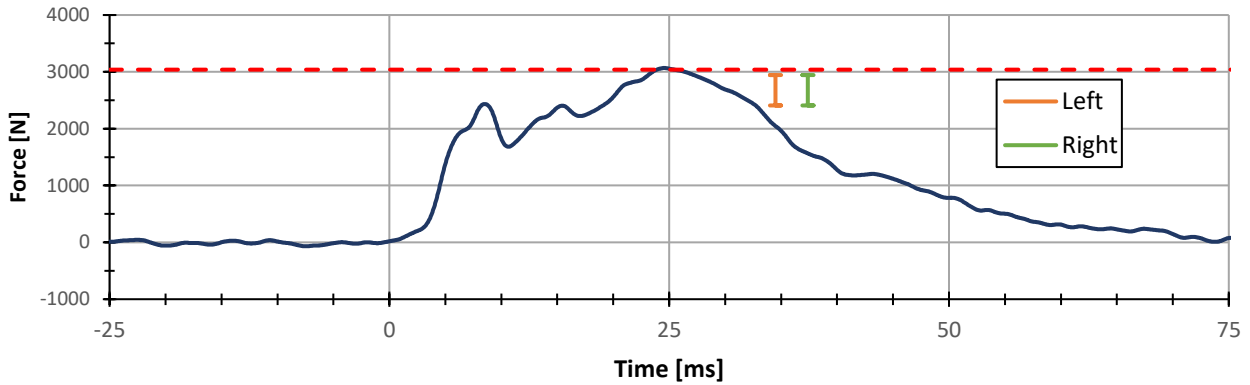


THOR 50th Upper Thorax Test

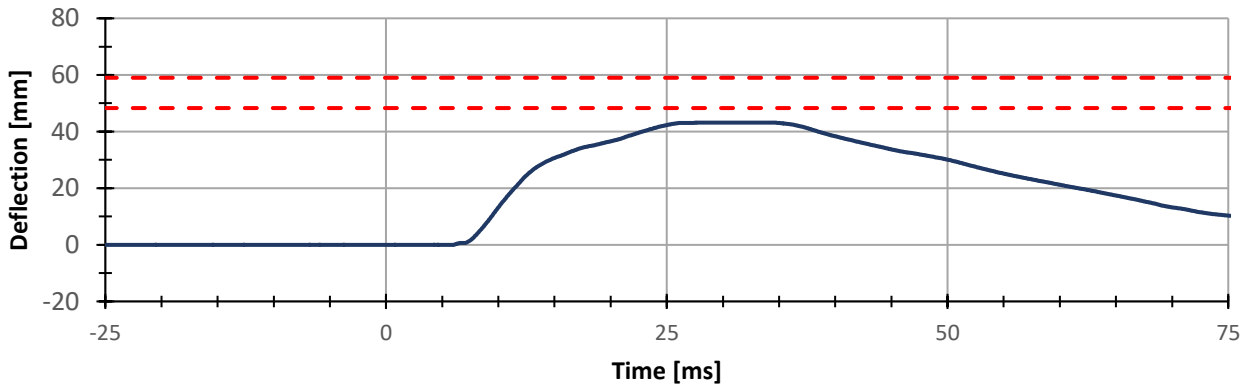
Test Parameter	min	Max	Units	Result	Pass/Fail
Temperature	20.6	22.2	°C	21.0	Pass
Humidity	10	70	%	40.0	Pass
Impact Velocity	4.25	4.35	m/s	4.30	Pass
Peak Probe Force	N/A	3039	N	3067.06	Fail
Peak Upper Left Resultant Rib Deflection	48.3	59.0	mm	43.18	Fail
Peak Upper Right Resultant Rib Deflection	48.3	59.0	mm	47.85	Fail
Defference Between Peak Left & Right Resultant Deflections	N/A	< 5.0	mm	4.66	Pass
Force at Left Peak Resultant Deflection	2409	2944	N	2046.48	Fail
Force at Right Peak Resultant Deflection	2409	2944	N	1564.56	Fail

Probe Force



Left Resultant Rib Deflection

Peak Time [ms] 34.5



Right Resultant Rib Deflection

Peak Time [ms] 37.4

