

Prüfbericht  
*Test report*

## **Gurtverankerungstest nach UN-R14**

*Belt anchorage test  
according to UN-R14*

**scopema-s-24\_02**

Bearbeiter:  
*Examiner:*

A. Weißgerber  
R. Walter

im Auftrag der:  
*in order to:*  
SCOPEMA

- Auftraggeber** : SCOPEMA  
*Customer*
- ZAE des Garennes, 2 Bis Avenue du Ponty  
87150 Oradour sur Vayres
- Anwesende** : Mr. Hoffmann, Berberich, Wrede, Walter, Weißgerber  
*Present on*
- Sachverständiger** : Mr. Hoffmann, ATEEL  
*Consultant*
- Datei** : scopema-s-24\_02  
*File*
- Versuchsbedingungen** : UN-R 14, N2  
*Test conditions*  
Homologation test
- Verwendete Geräte** : Static pulling test bench, IWW, see equipment register  
*Devices*
- Justierung/Kontrolle** : Weißgerber  
*Checkup*
- Freigabe** : Mr. Hoffmann, ATEEL  
*Approval*
- Fahrzeugstruktur** : Adapter frame on rigid plate  
*Test structure*
- Prüfling** : VW ID BUZZ, single seat left, 3P  
*Test sample*  
on orig. console with swivel plate no. CBTO25G3  
Height adjustment: Upper position  
Longitudinal adjustment: Middle position (full overlap)  
Backrest adjustment: 25° Torso  
Slide out: -  
Seat weight: 21 kg (without swivel plate 8,6 kg, console 5 kg)  
Test weight: 34,6 kg  
H Punkt: -  
C-line: -  
Note: Upper belt point 890 mm above console
- Gurtsystem** : 3 point belt (Ar)  
*Type of seat belt*
- Prüfkraft** : Shoulder belt: 13500 N ± 200 N  
*Force*  
Lap belt: 17620 N ± 200 N  
Weight load: 2668 N ± 200 N  
Pulling angle: 10,5°
- Prüfergebnis** : Nominal force about 0,2 sec: i.O., see diagram  
*Test result*  
Horizontal deformation, upper belt point: --, see schedule  
Vertical deformation upper belt point (C-line): -- see video
- Bemerkung** : The seat, the swivel plate and the anchorages withstand the load.  
*Note*  
The forces are completely applied for more than 0,2 s.

Horizontal deformation upper belt point	Left [mm]	Left mid [mm]	Middle [mm]	Right mid [mm]	Right [mm]
Limit acc. ECE R14	--				
At nominal force, 0.2 sec.	--	--	--	--	--
At break	--	--	--	--	--

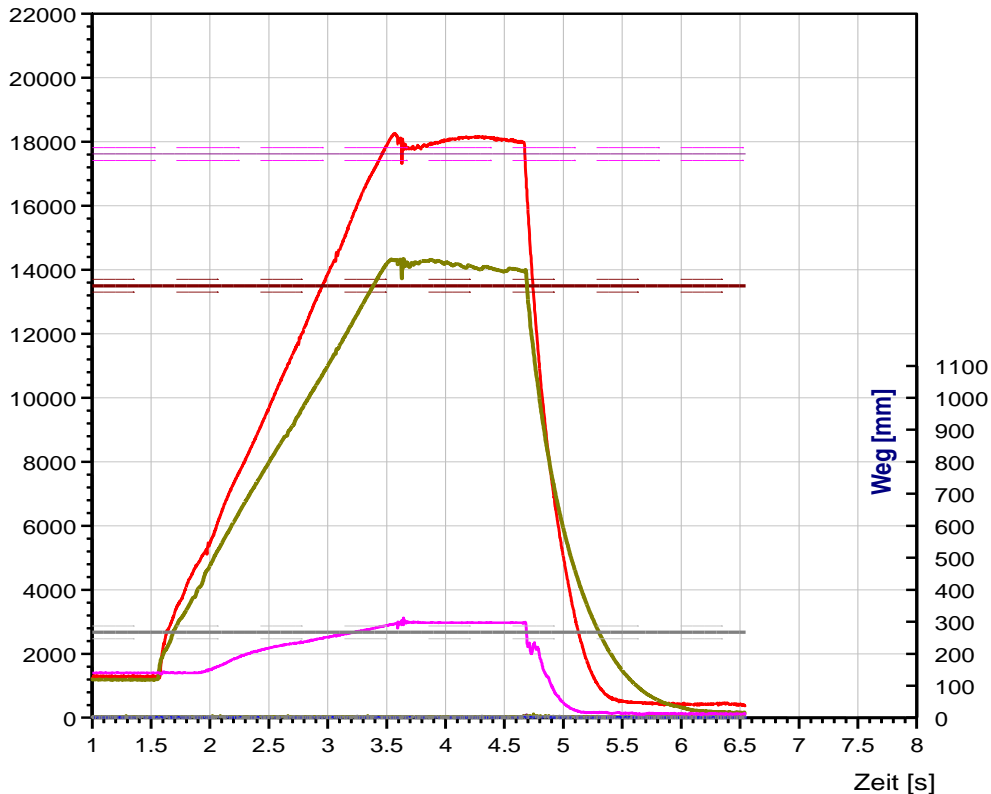
## Static test according to UN R14 M1

Editor: Walter&Weißgerber

Date: 27.08.2024

File: scopema-s-24\_02

Testsample: single seat, T7, 1st. row left, swivelplate SCOPEMA

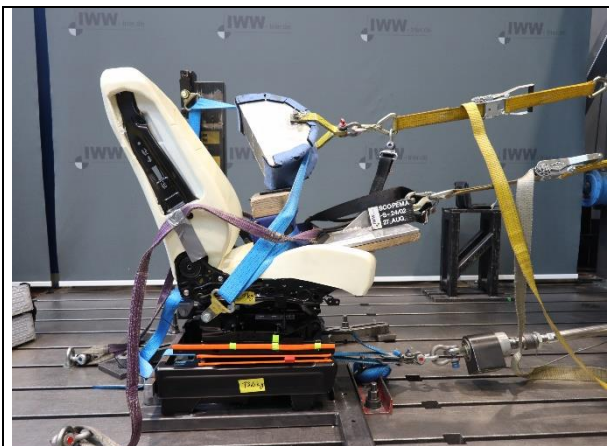


deformation left 0.2s NL - mm  
deformation right. 0.2s NL - mm

Forces :  
 lower left: F4\_S9\_5\_30915134  
 lower right: F6\_S9\_5\_31354171  
 upper left: F3\_S9\_2\_51540A  
 upper right: F5\_S9\_5\_579342A  
 massforce: F7\_2\_U1\_23973

min. upper force: 13500.0 +- 200 N  
 min. lower force: 17620.0 +- 200 N  
 min. massforce: 2668.0 +- 200 N

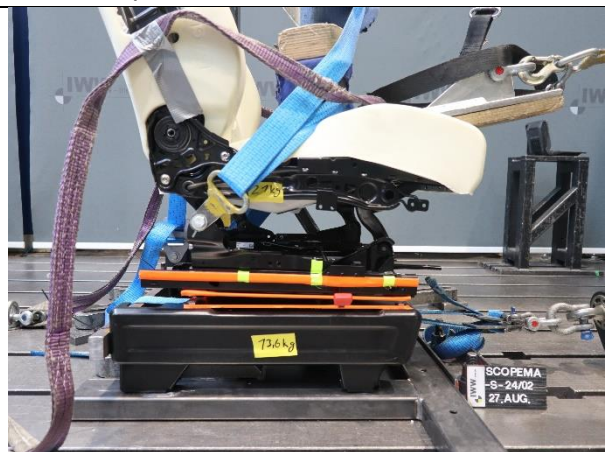
ECE R14\_2er\_3P\_neu\_8K\_5W\_mit Zusatzlast\_M1\_engl



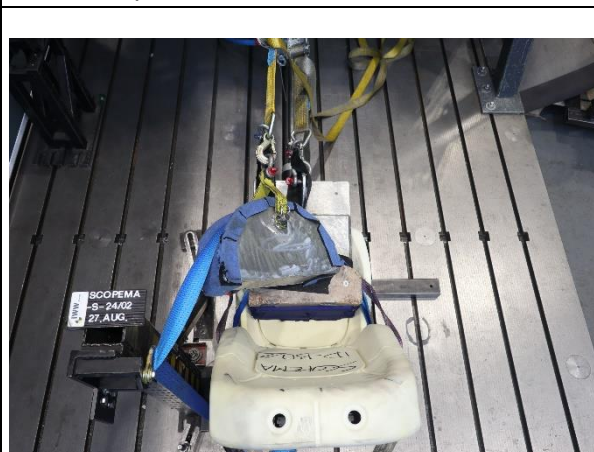
Pic.1: setup before the test



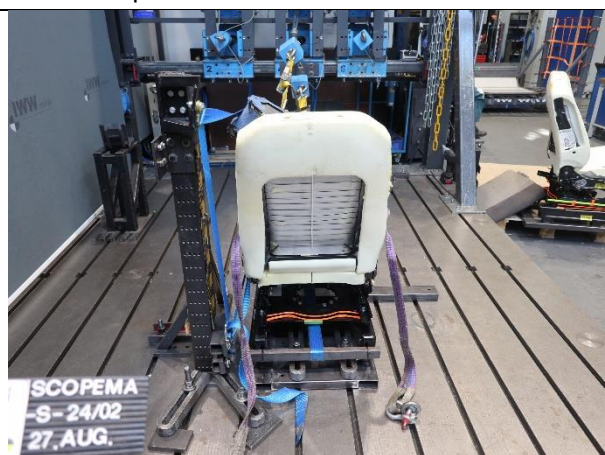
Pic.2: setup before the test



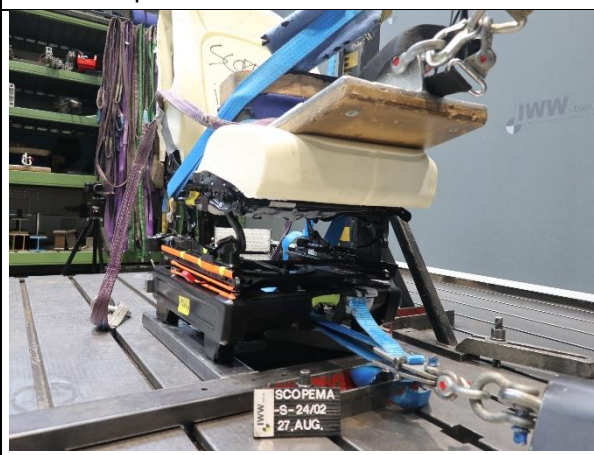
Pic.3: setup before the test



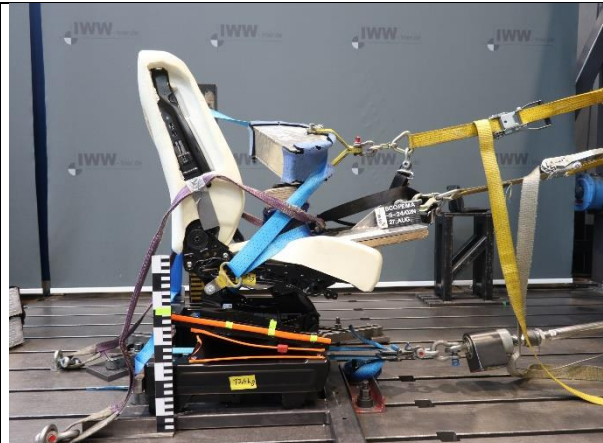
Pic.4: setup before the test



Pic.5: setup before the test



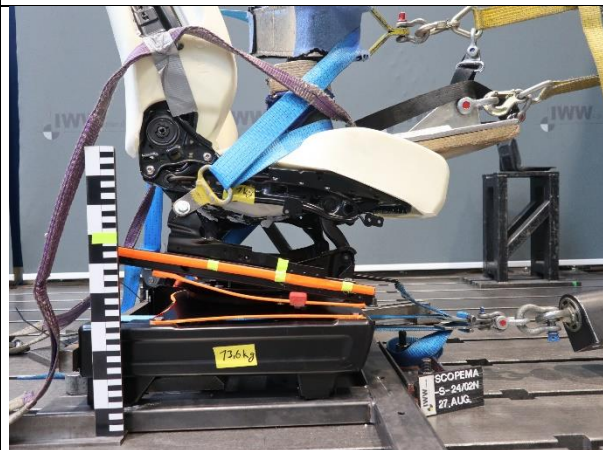
Pic.6: setup after the test



Pic.7: setup after the test



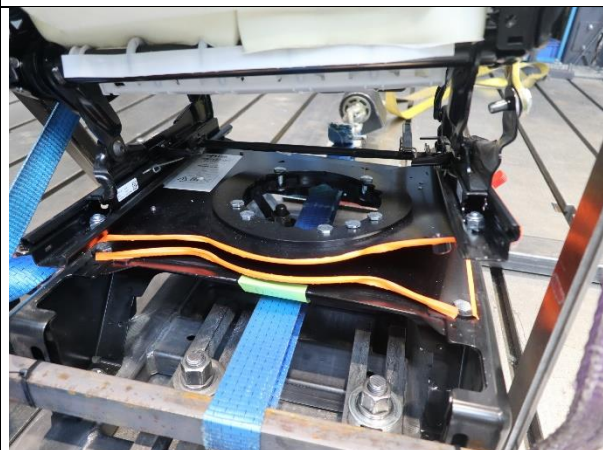
Pic.8: setup after the test



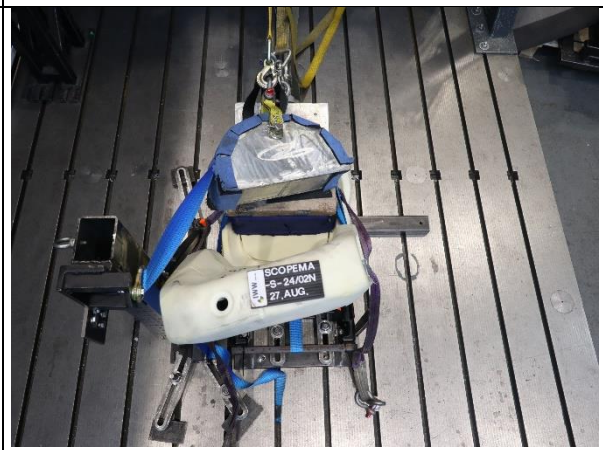
Pic.9: setup after the test



Pic.10: setup after the test



Pic.11: setup after the test



Pic.12: setup after the test

Bearbeiter: Dipl.-Ing. R. Walter  
Examiner Dipl.-Ing. A. Weißgerber

Trier, 27.08.2024