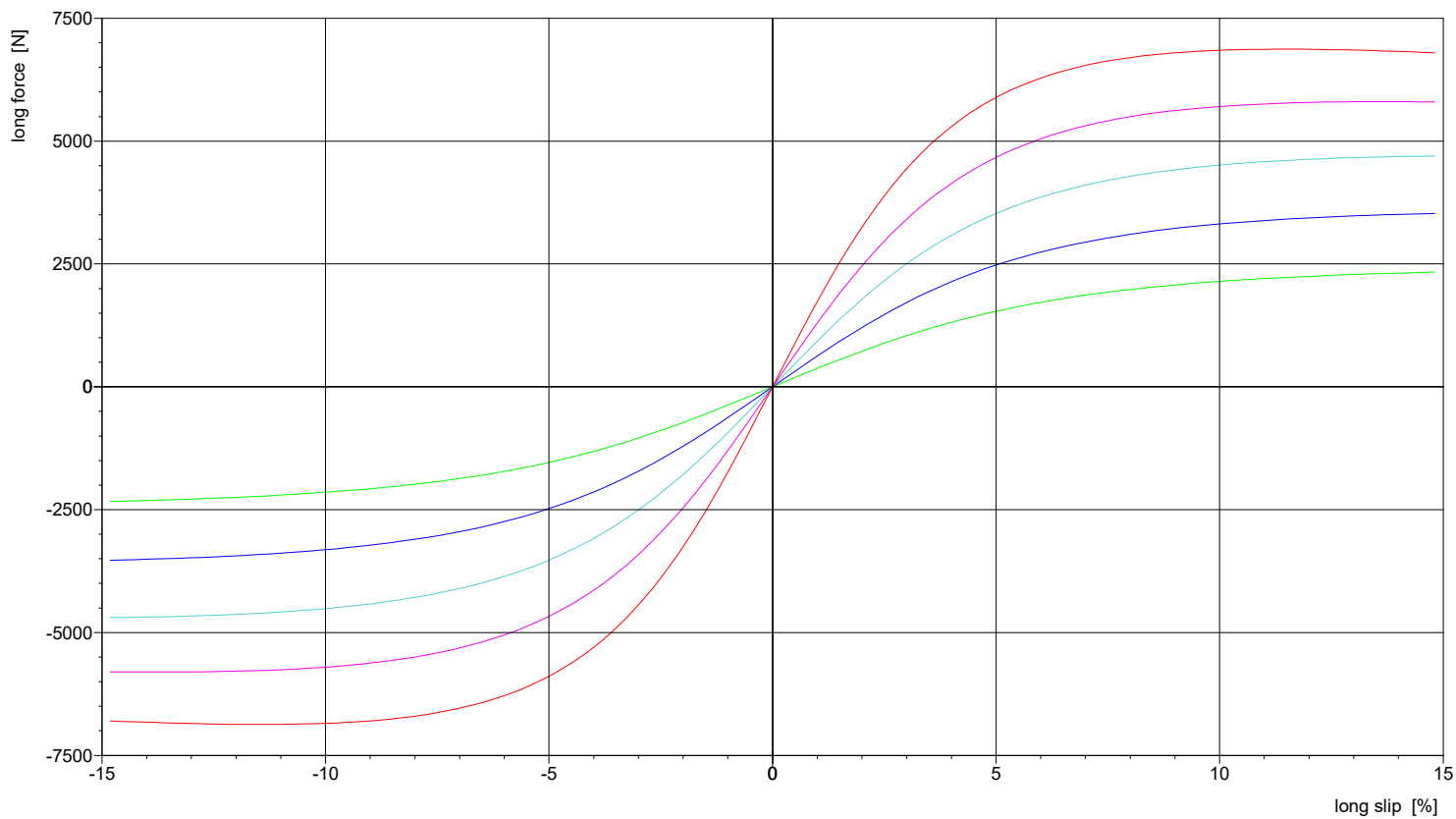


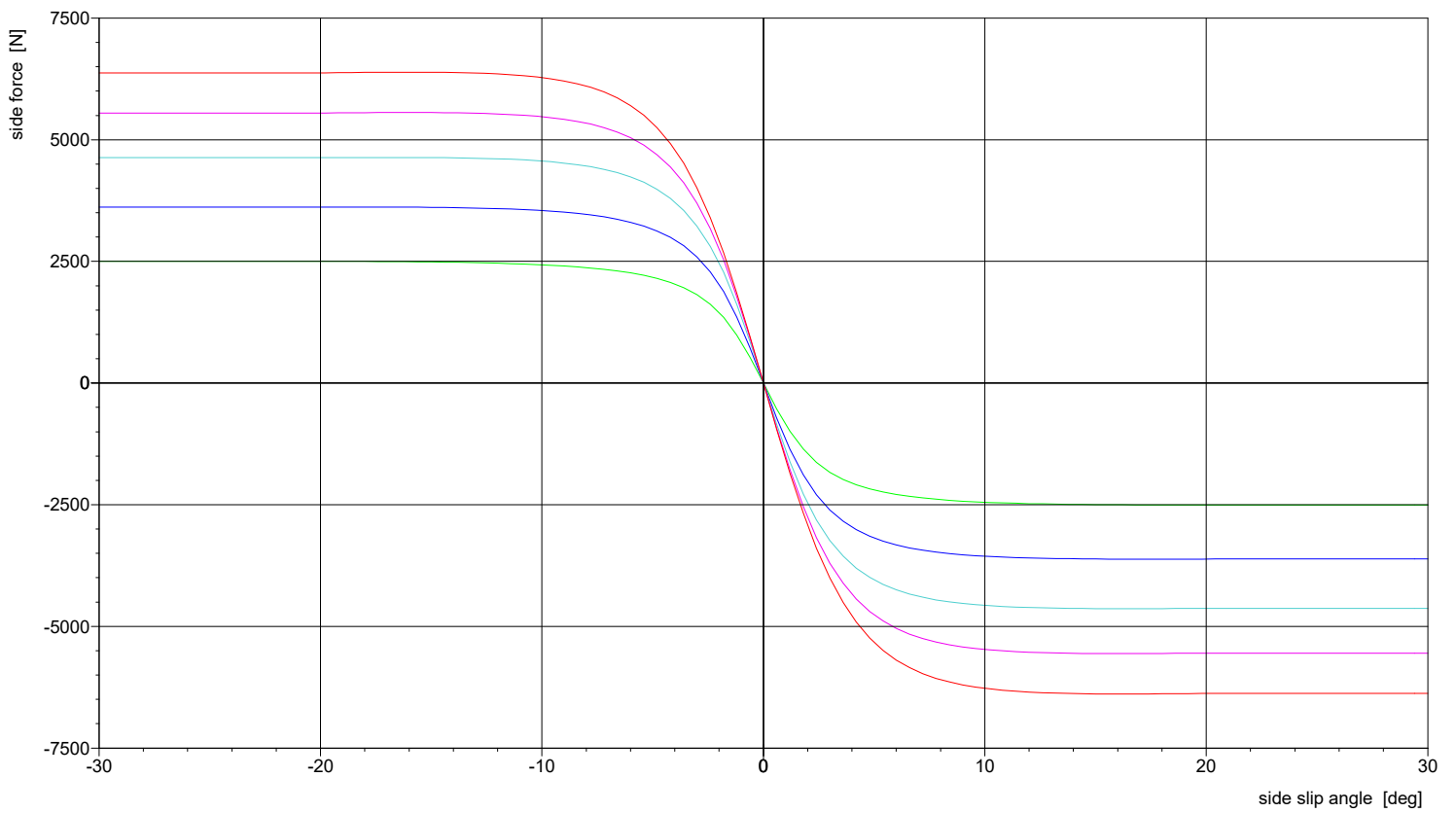
tire: Michelin\_Energysaver+\_V2

CarMaker 8.0.2 Model Check	Tire Load Characteristics: $f(\text{Slip}, F_z=\text{const.})$ , $f(\text{Alpha}, F_z=\text{const.})$ , Overview	
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tire: Michelin\_Energysaver+\_V2 (front right), friction coefficient: 1.00, vertical loads:  
 2000 N    3000 N    4000 N    5000 N    6000 N

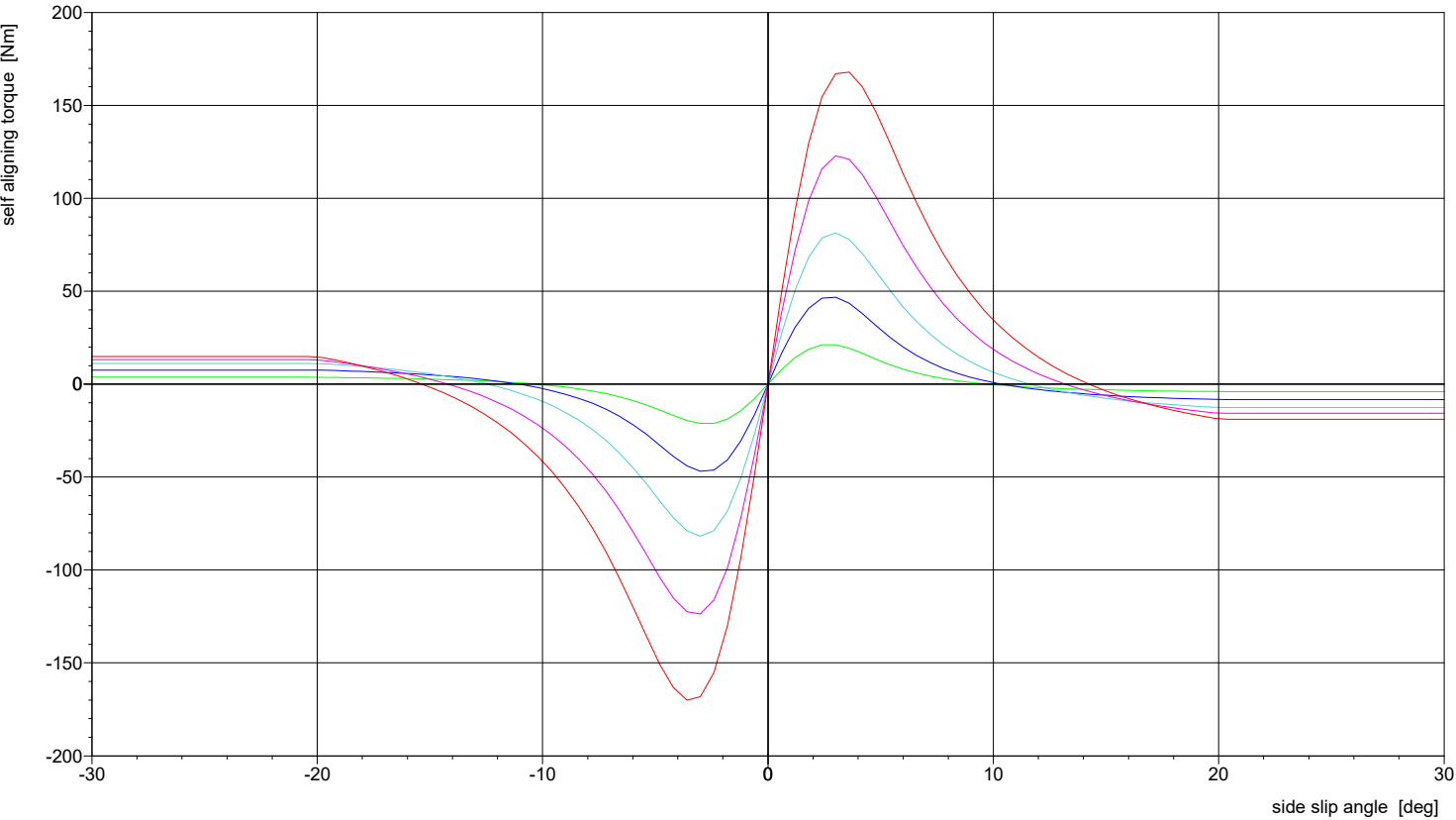
CarMaker 8.0.2 Model Check	Tire Load Characteristics: Longitudinal Force (pure longitudinal slip)	
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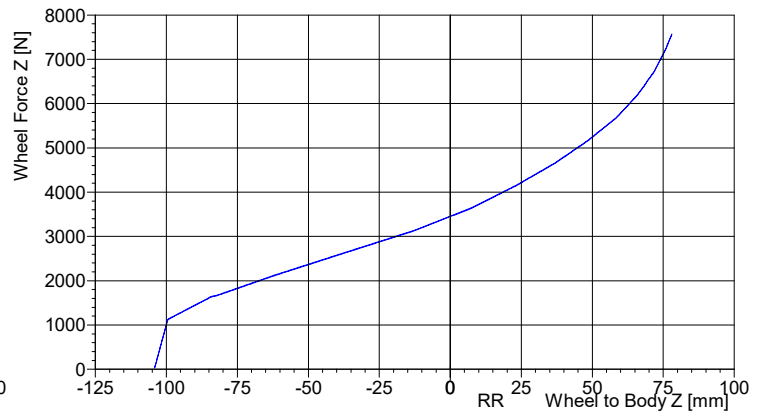
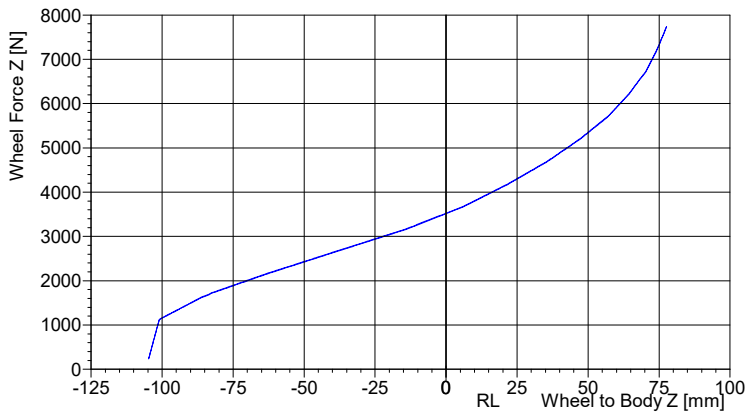
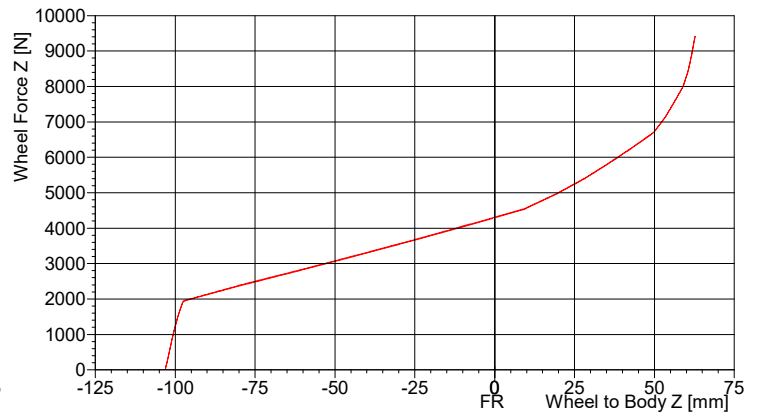
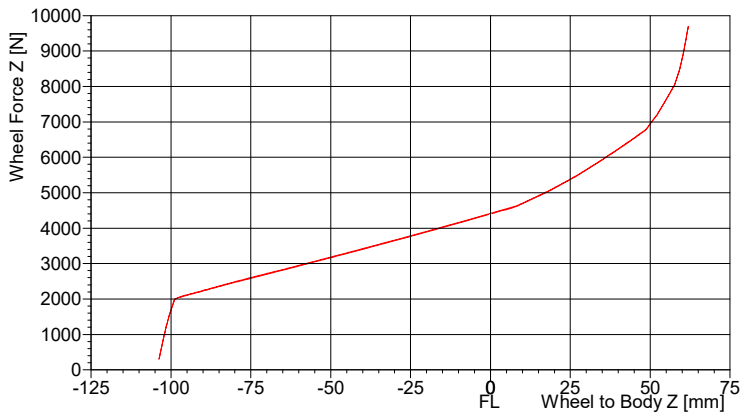
tire: Michelin\_Energysaver+\_V2 (front right), friction coefficient: 1.00, vertical loads:  
2000 N 3000 N 4000 N 5000 N 6000 N

CarMaker 8.0.2  
Model Check

Tire Load Characteristics: Side Force (pure side slip)



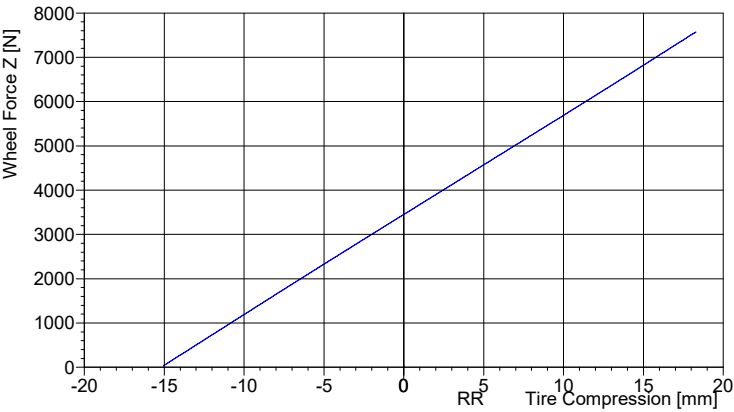
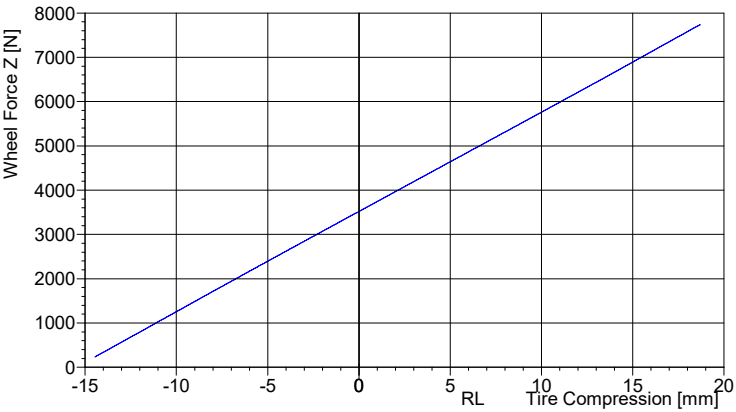
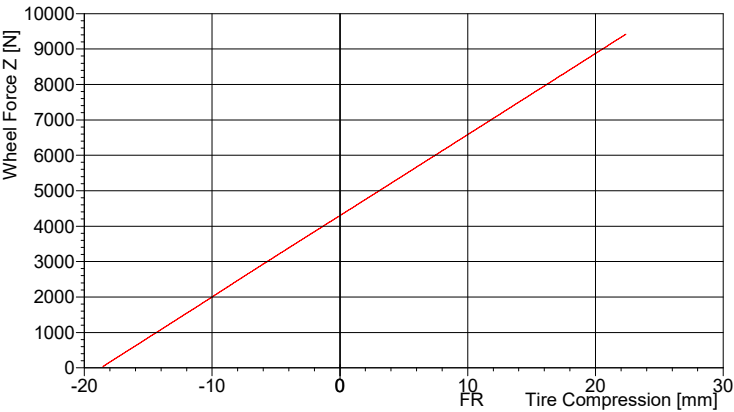
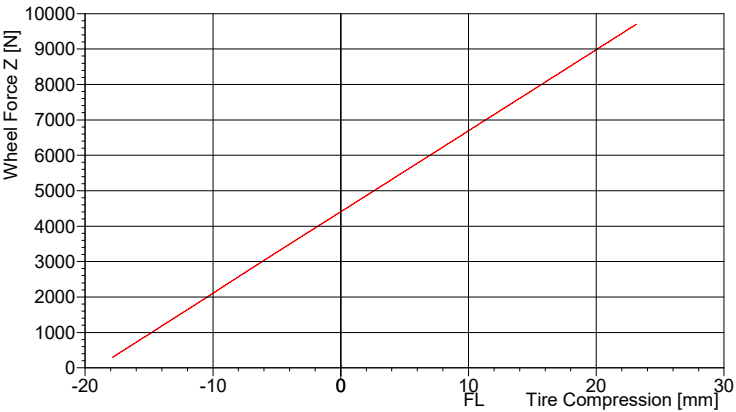
tire: Michelin\_Energysaver+\_V2 (front right), friction coefficient: 1.00 vertical loads:  
2000 N 3000 N 4000 N 5000 N 6000 N



vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no steering rack locked: no steering PAS on: no brakes on: yes ARB on: yes

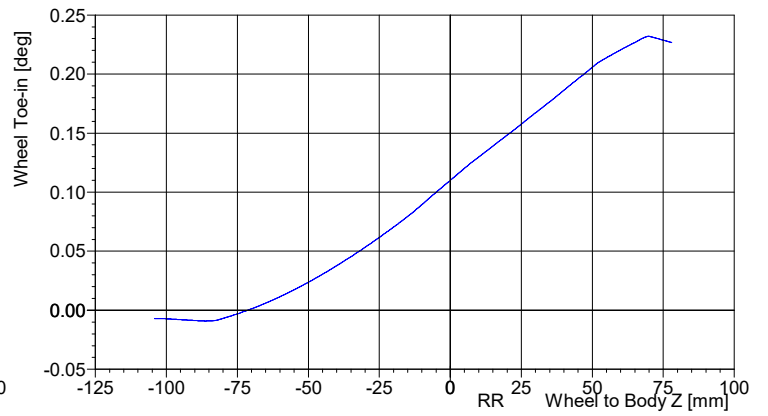
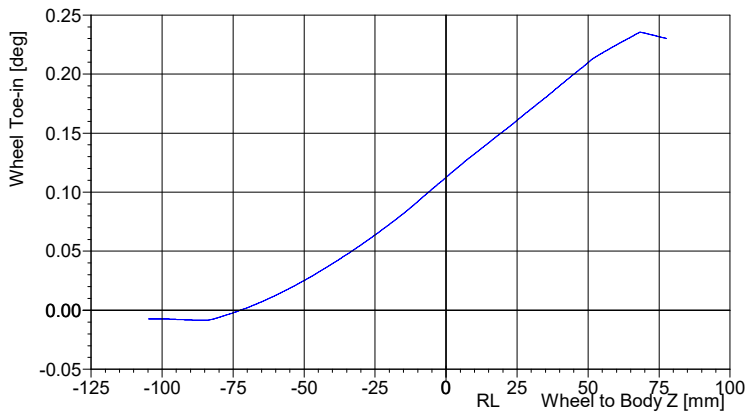
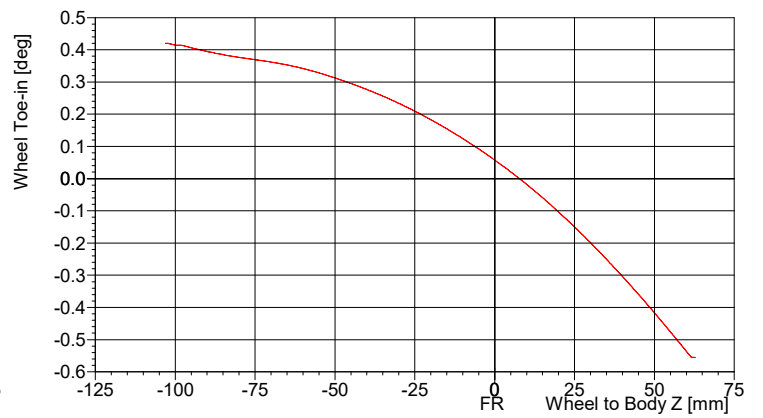
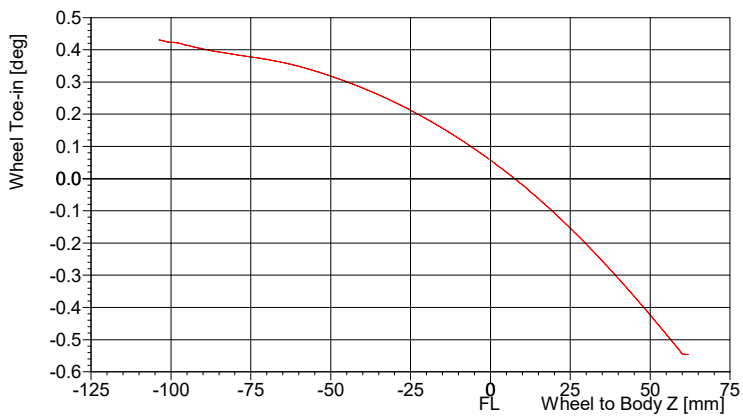
CarMaker 8.0.2 Model Check	Vertical Standard Wheel Rates	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: no   brakes on: yes   ARB on: yes

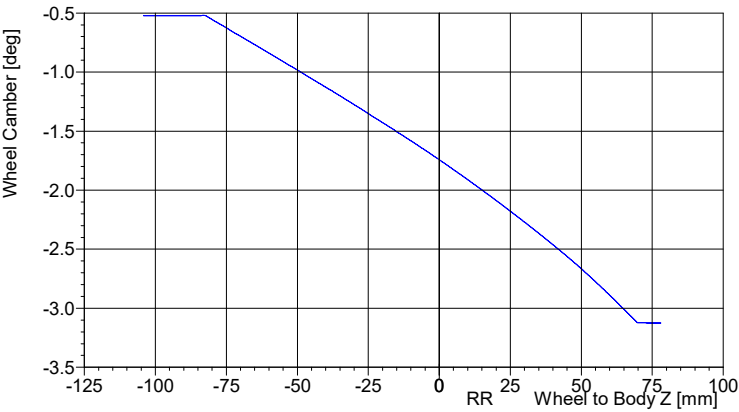
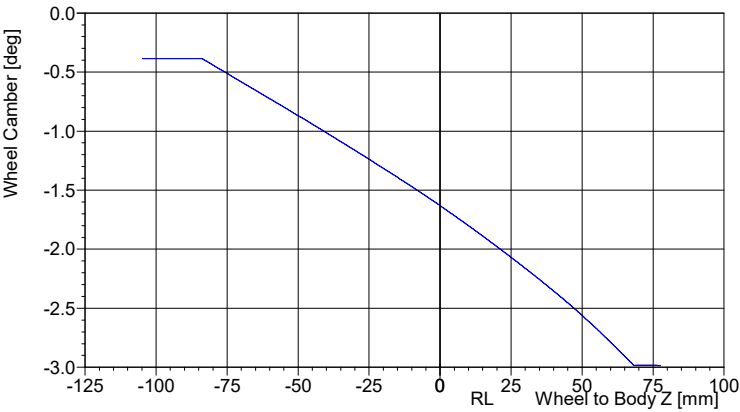
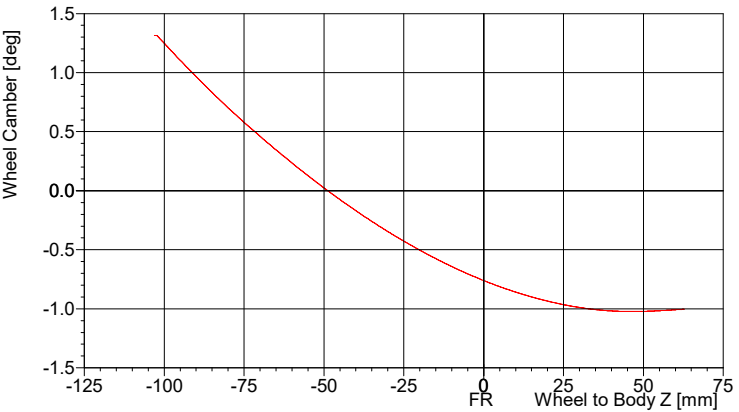
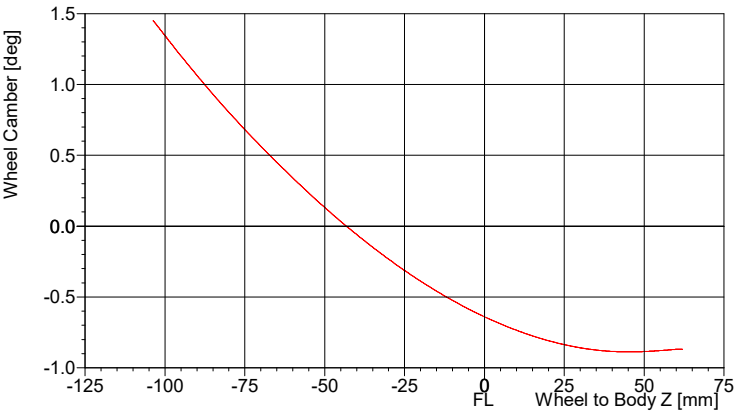
CarMaker 8.0.2 Model Check	Vertical Standard Tire Radial rates	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no steering rack locked: no steering PAS on: no brakes on: yes ARB on: yes

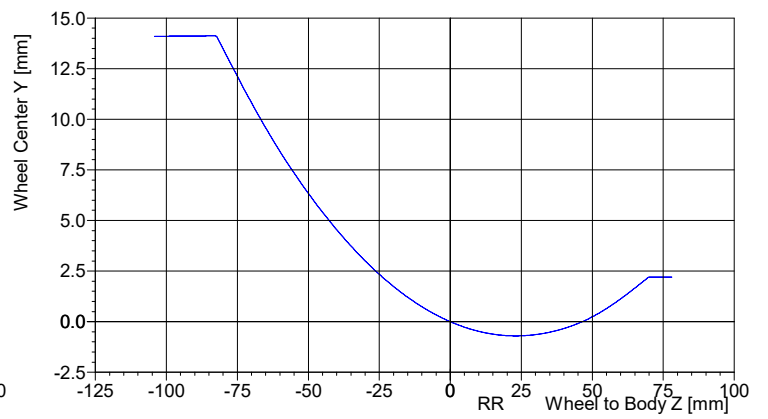
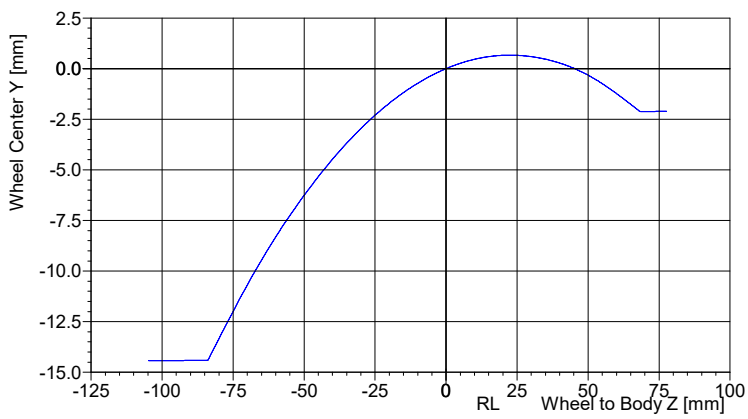
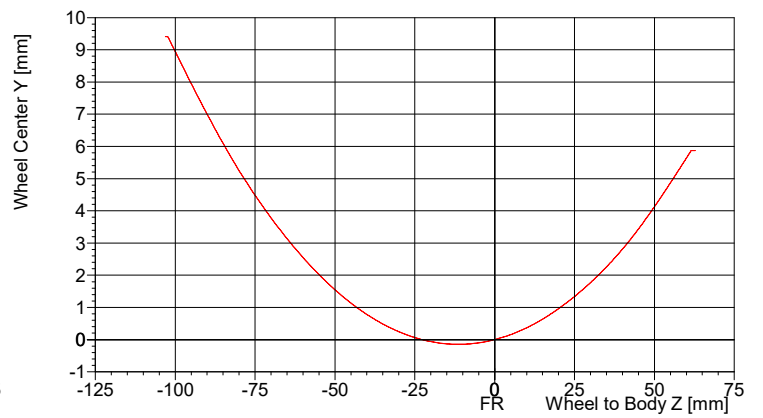
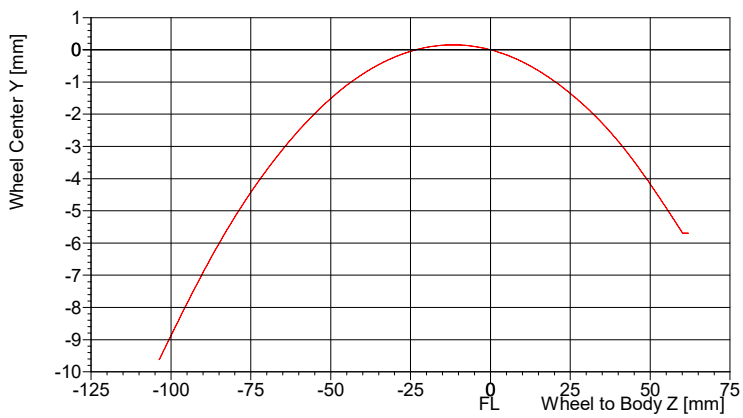
CarMaker 8.0.2 Model Check	Vertical Standard Bump Steer	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no steering rack locked: no steering PAS on: no brakes on: yes ARB on: yes

CarMaker 8.0.2 Model Check	Vertical Standard Bump Camber	
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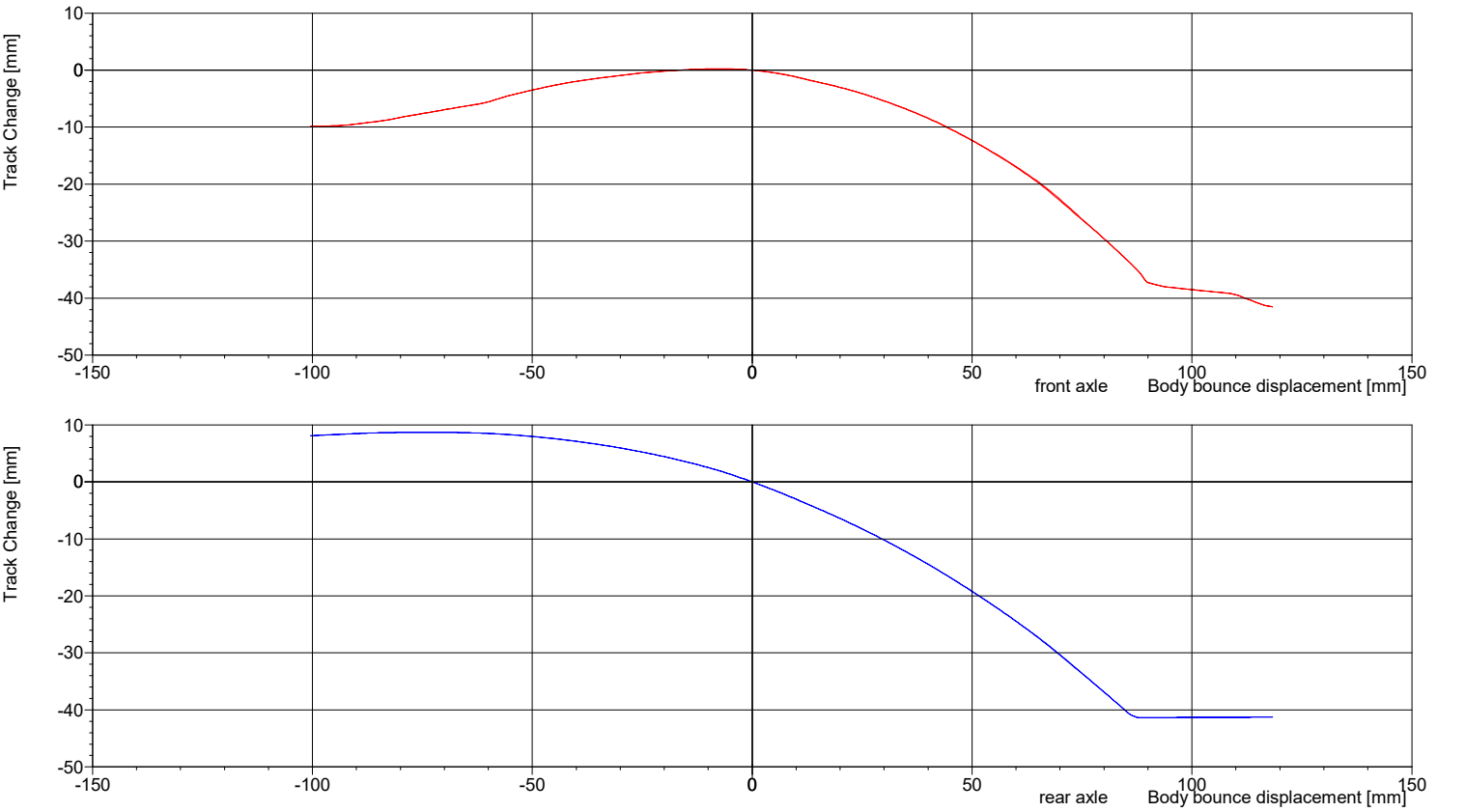




vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no steering rack locked: no steering PAS on: no brakes on: yes ARB on: yes

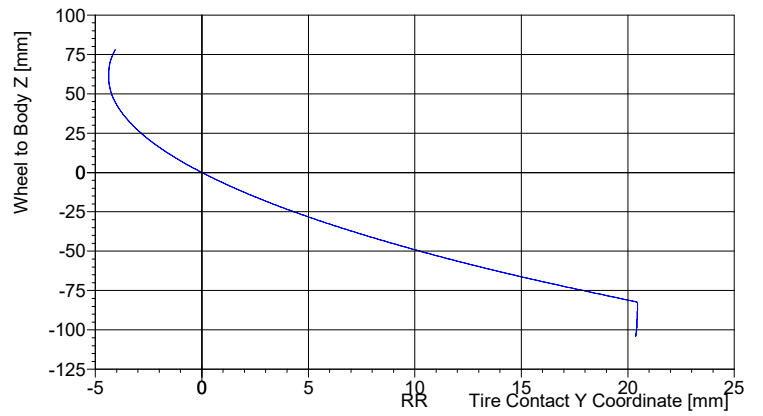
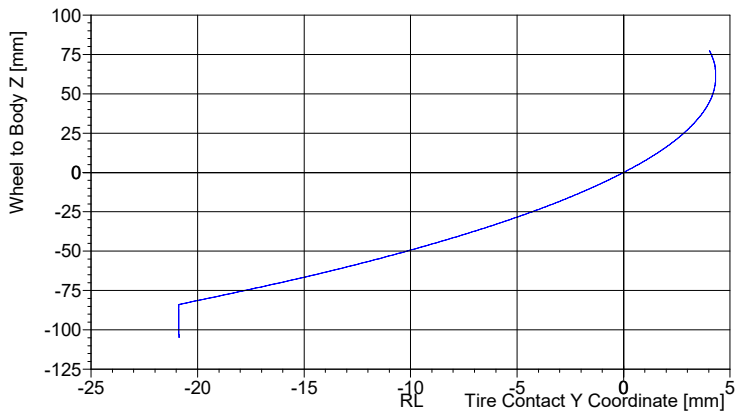
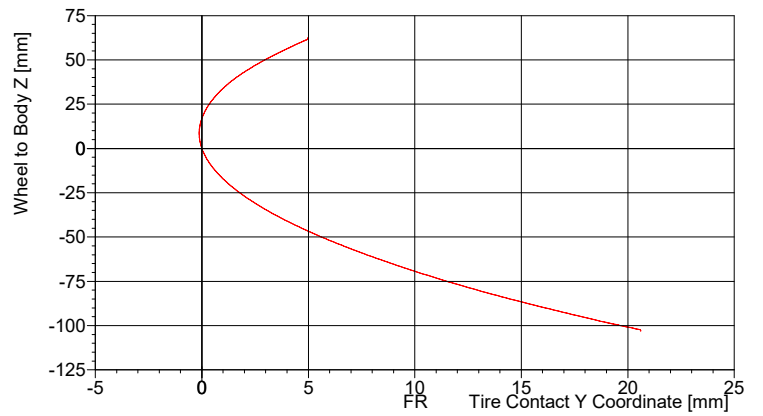
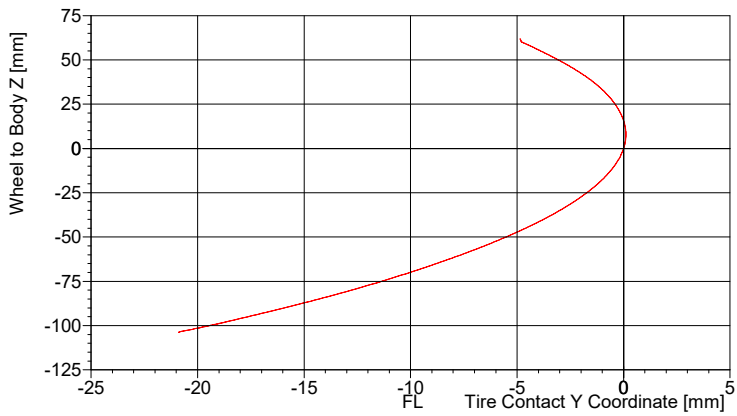
CarMaker 8.0.2 Model Check	Vertical Standard Lateral Wheel Center Displacement	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: no   brakes on: yes   ARB on: yes

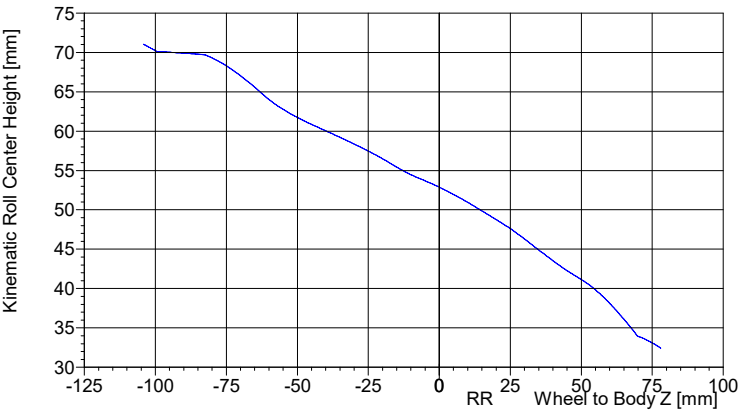
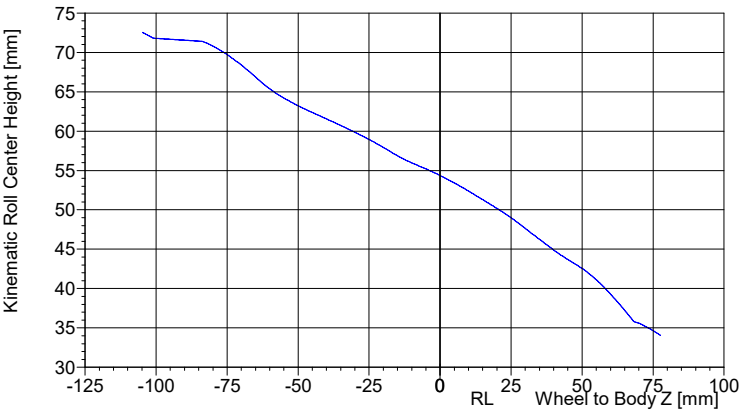
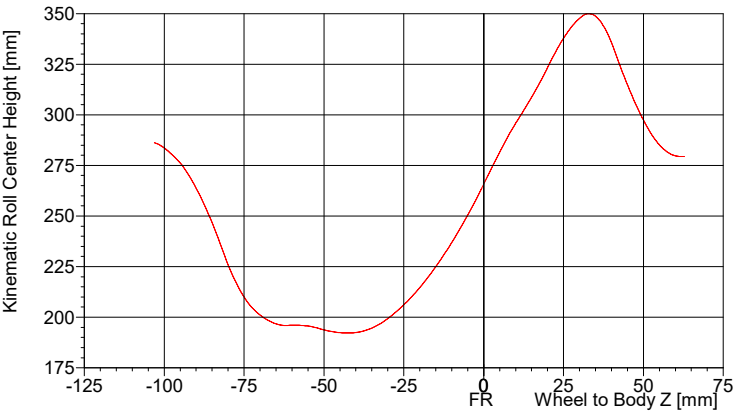
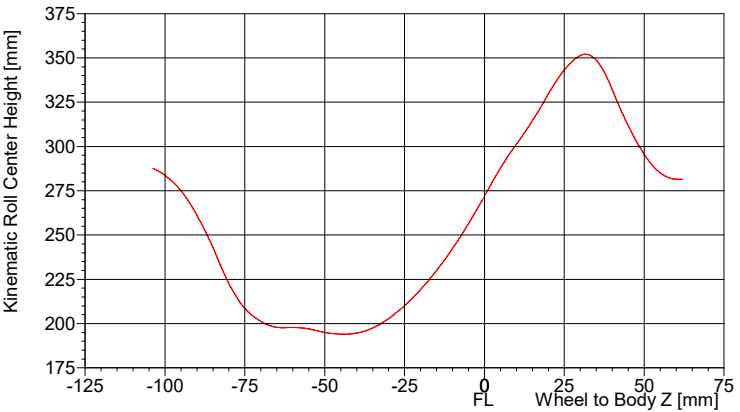
CarMaker 8.0.2 Model Check	Vertical Standard Track Change	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

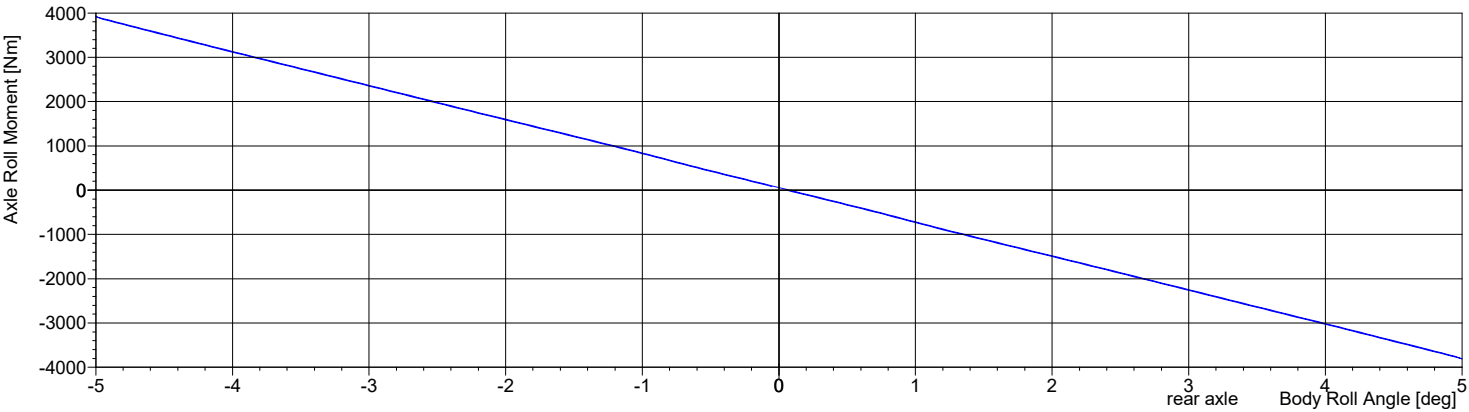
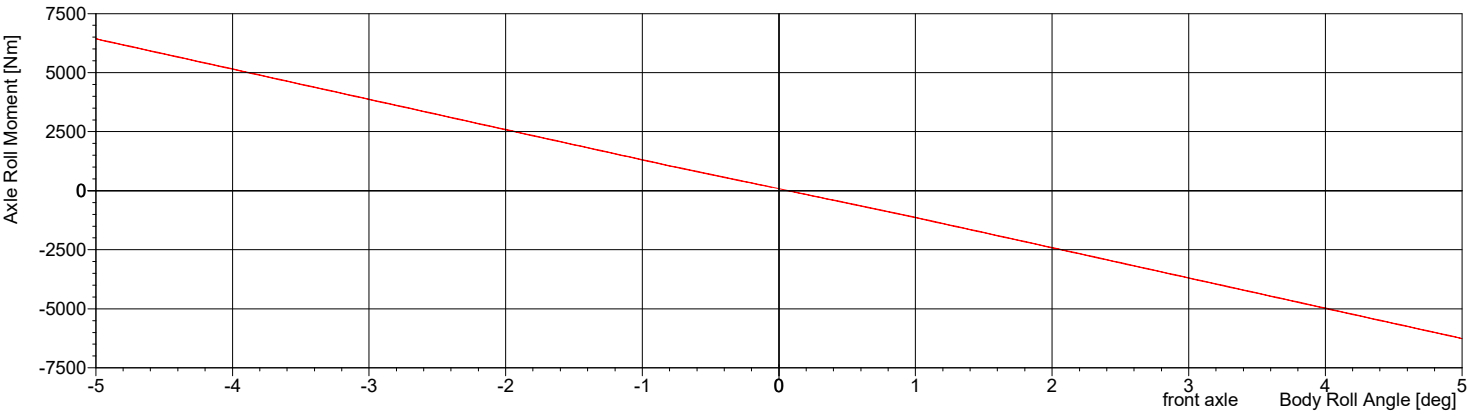
wheels wrapped: no steering rack locked: no steering PAS on: no brakes on: yes ARB on: yes

CarMaker 8.0.2 Model Check	Vertical Standard Roll Center Curve Fits	
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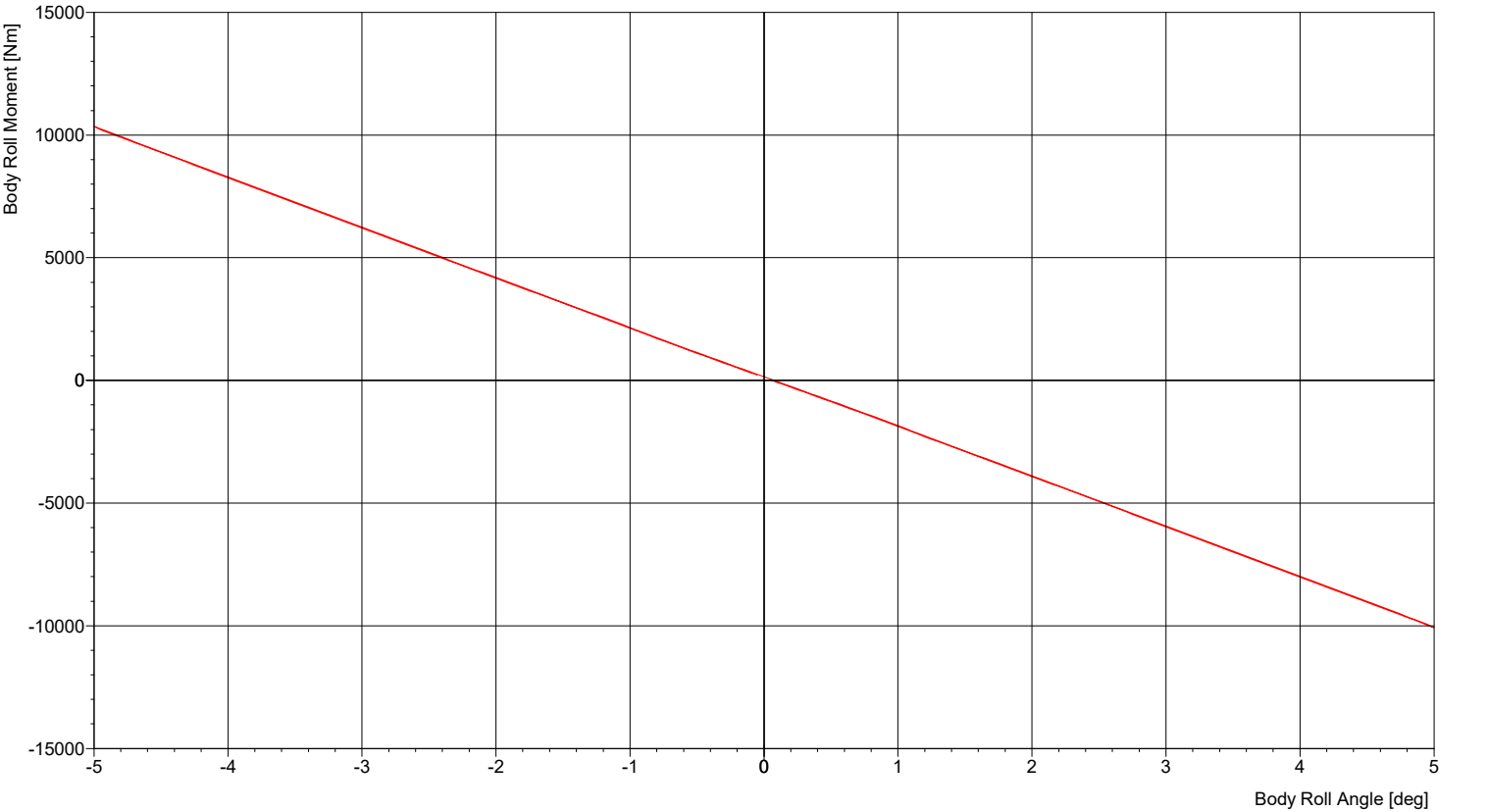
vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no steering rack locked: no steering PAS on: no brakes on: yes ARB on: yes

CarMaker 8.0.2 Model Check	Vertical Standard Kinematic Roll Center Height	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no steering rack locked: no steering PAS on: yes brakes on: yes ARB on: yes

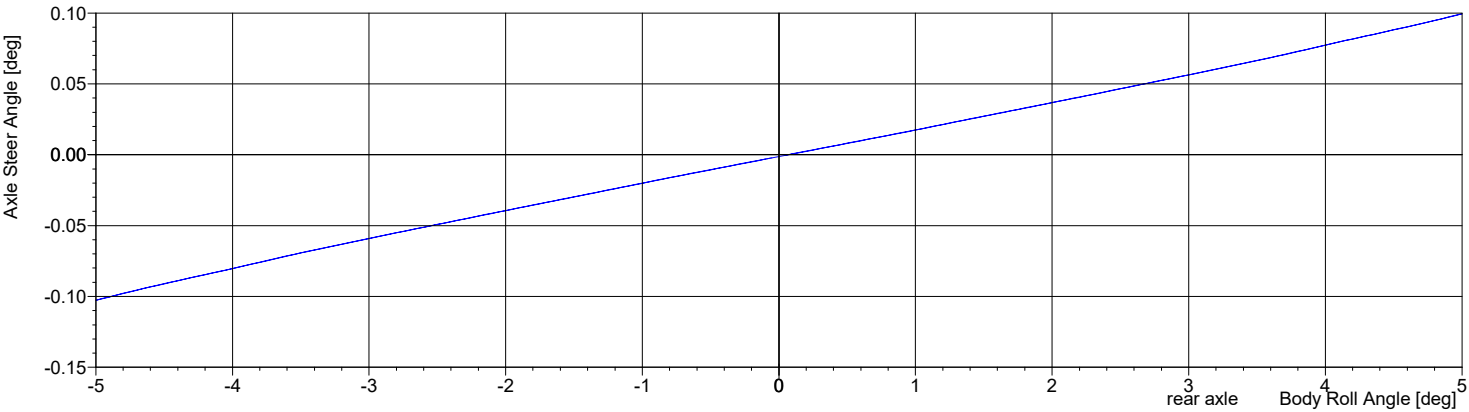
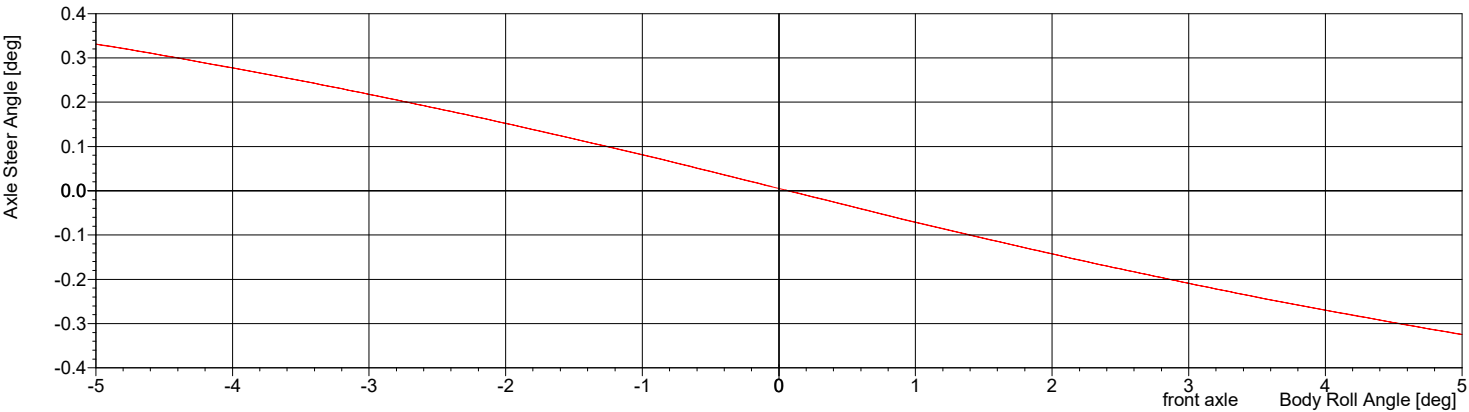
CarMaker 8.0.2 Model Check	Roll PAS On ARB On Roll Stiffnesses	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

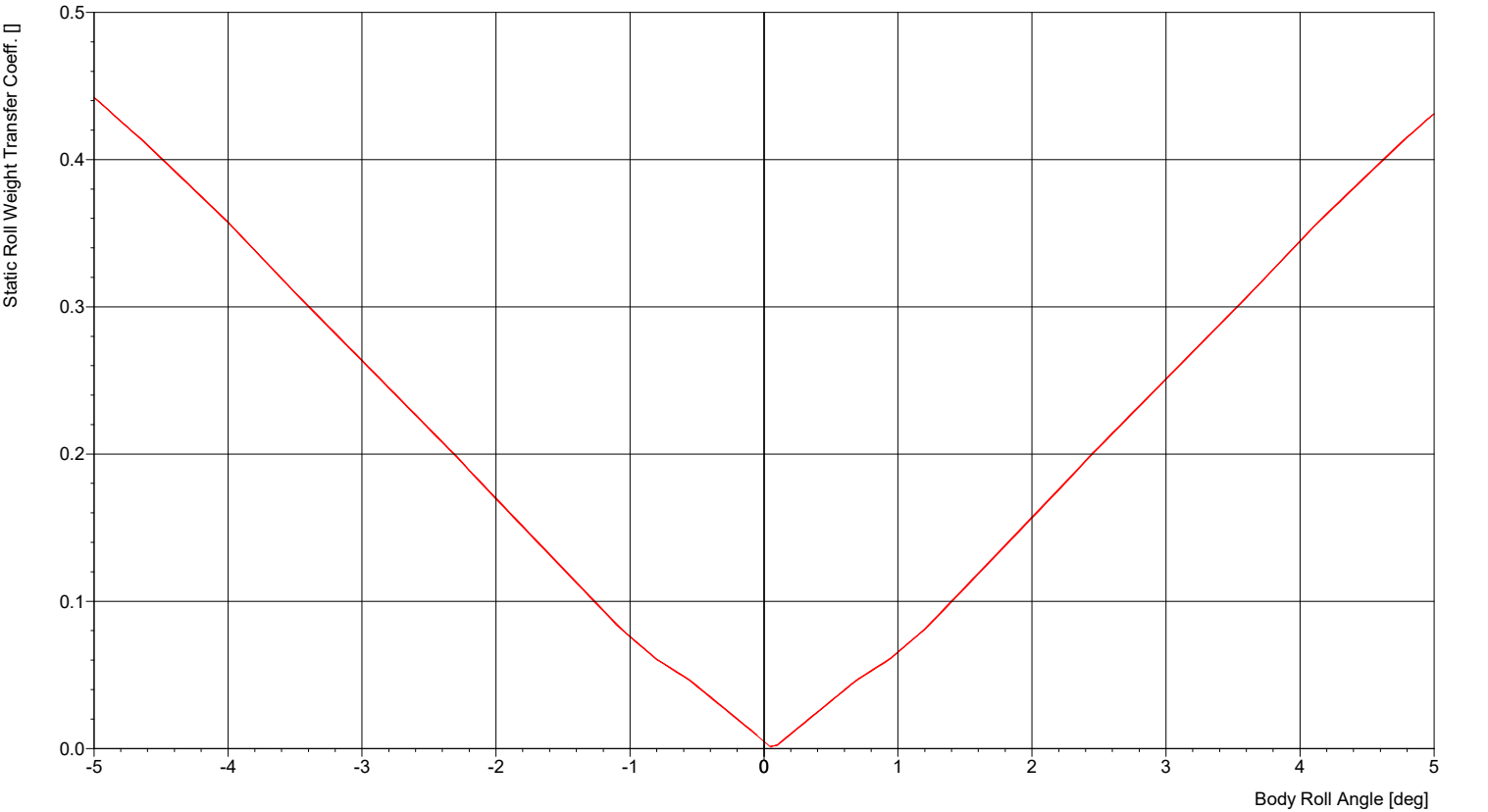
wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

CarMaker 8.0.2 Model Check	Roll PAS On ARB On Roll Stiffnesses	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

CarMaker 8.0.2 Model Check	Roll PAS On ARB On Axle Steer	
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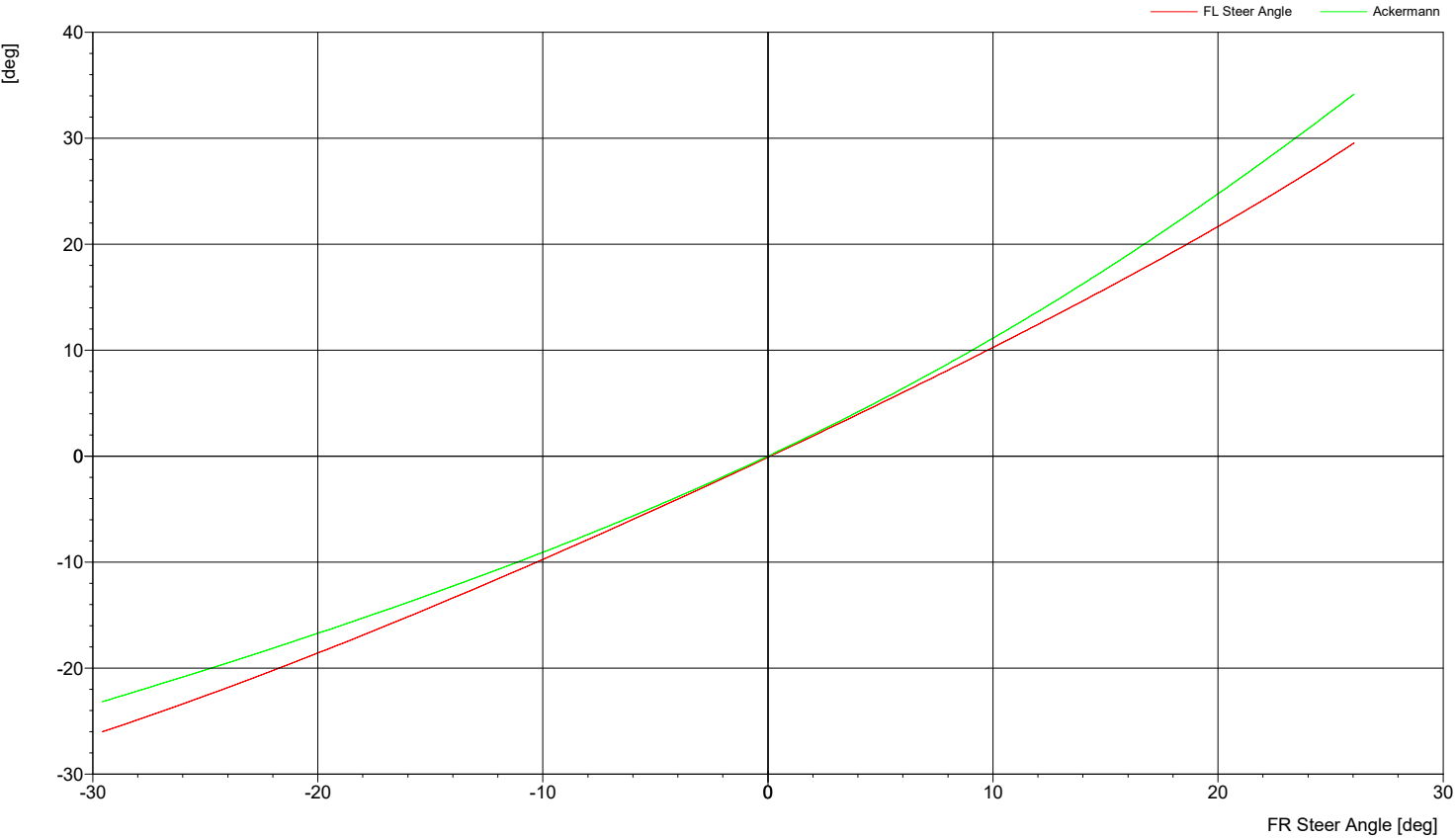


vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

CarMaker 8.0.2 Model Check	Roll PAS On ARB On Static Roll Weight Transfer Coeff.	
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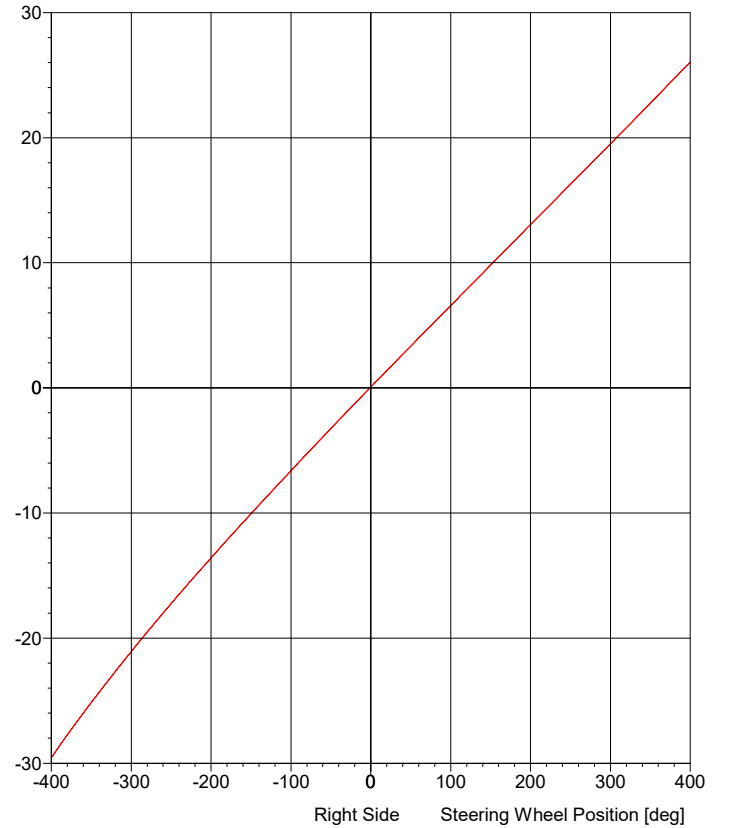
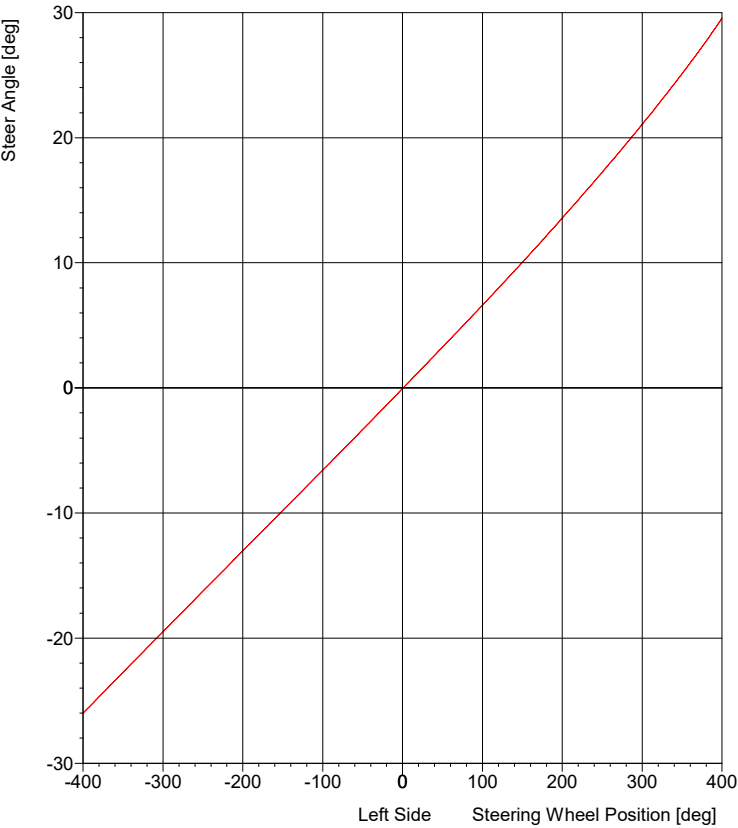




vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

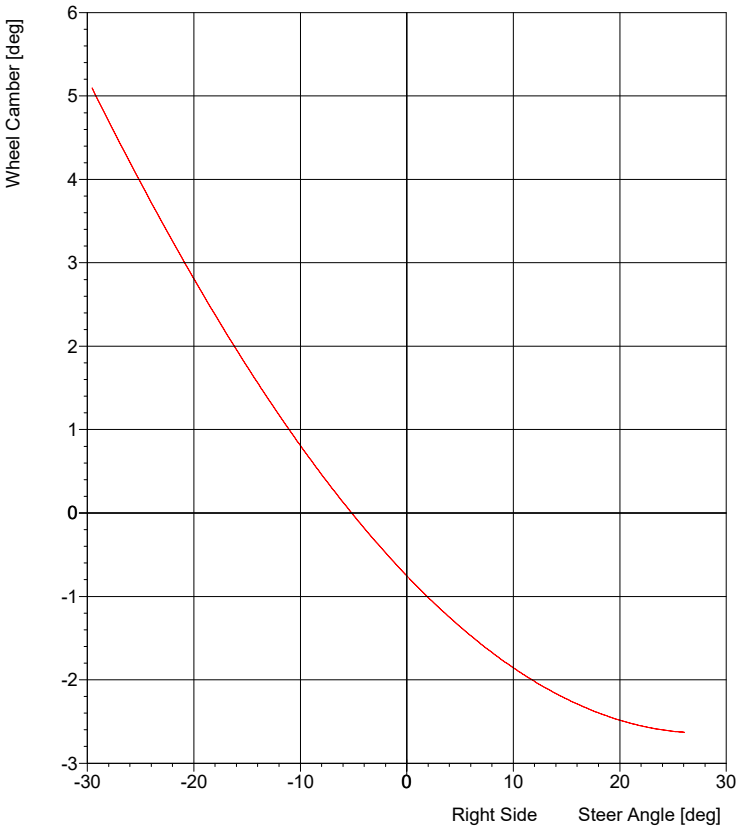
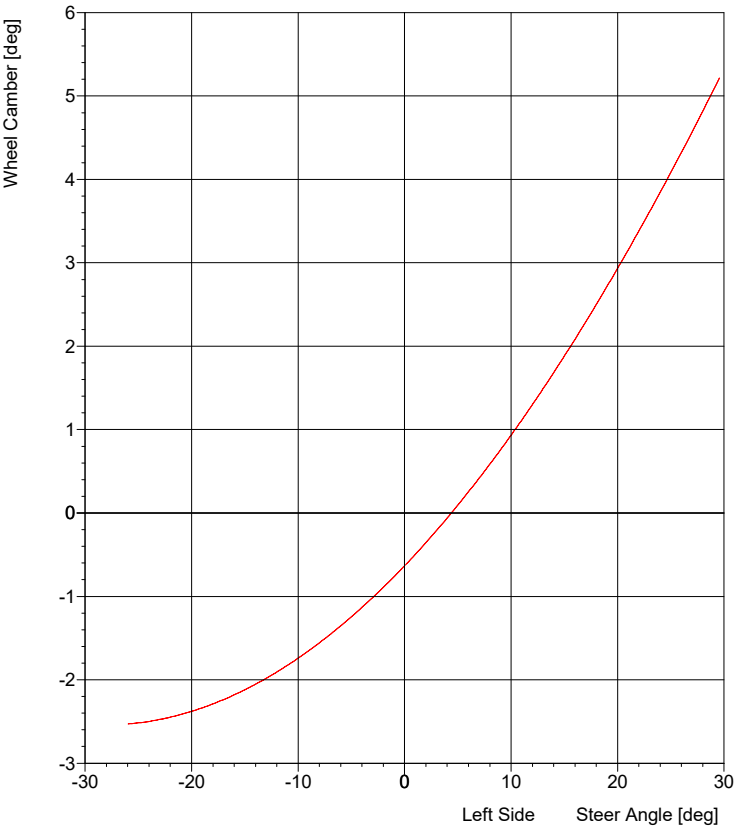
CarMaker 8.0.2 Model Check	Steering PAS On Ackermann Curves	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

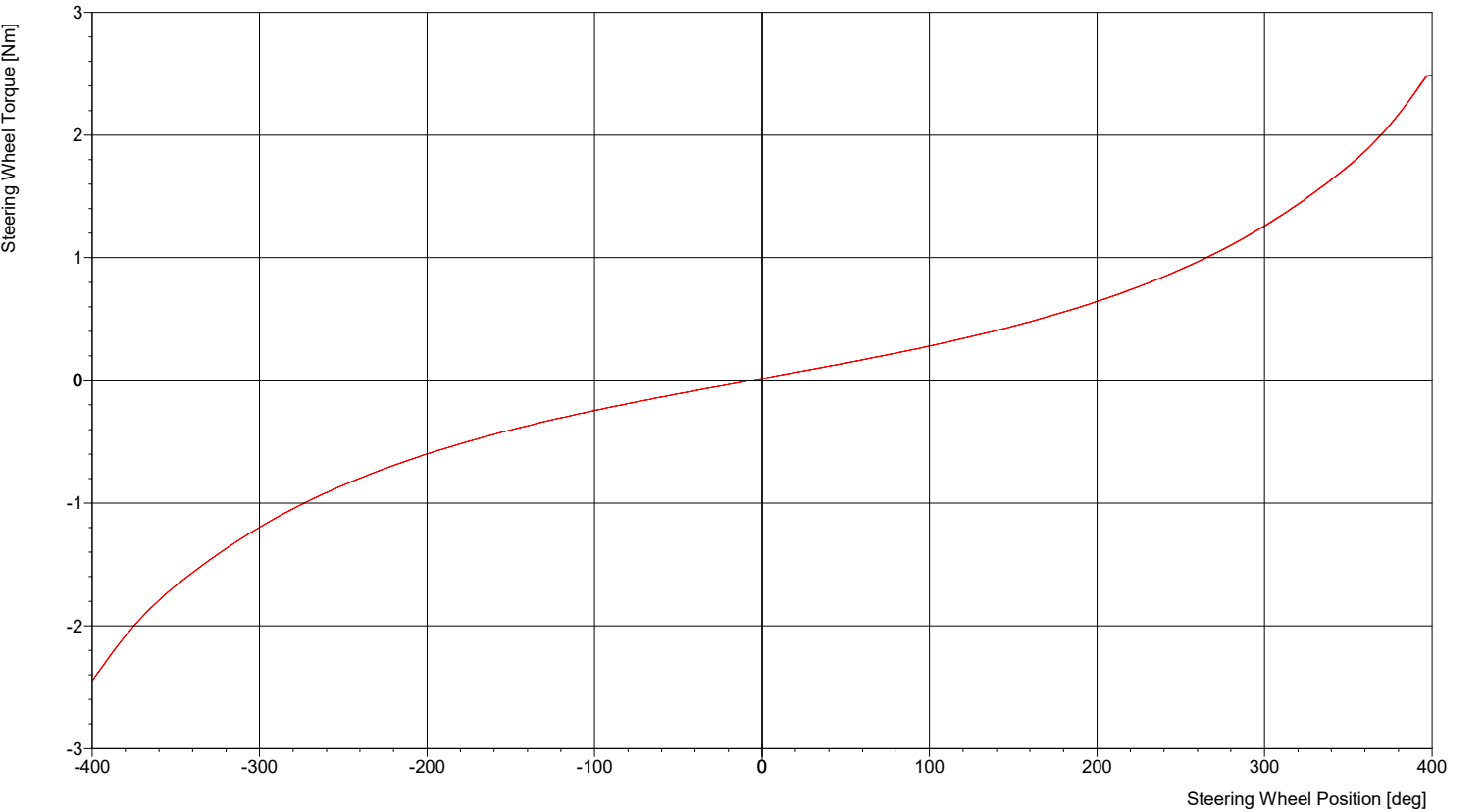
CarMaker 8.0.2 Model Check	Steering PAS On Steering Ratio	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no steering rack locked: no steering PAS on: yes brakes on: yes ARB on: yes

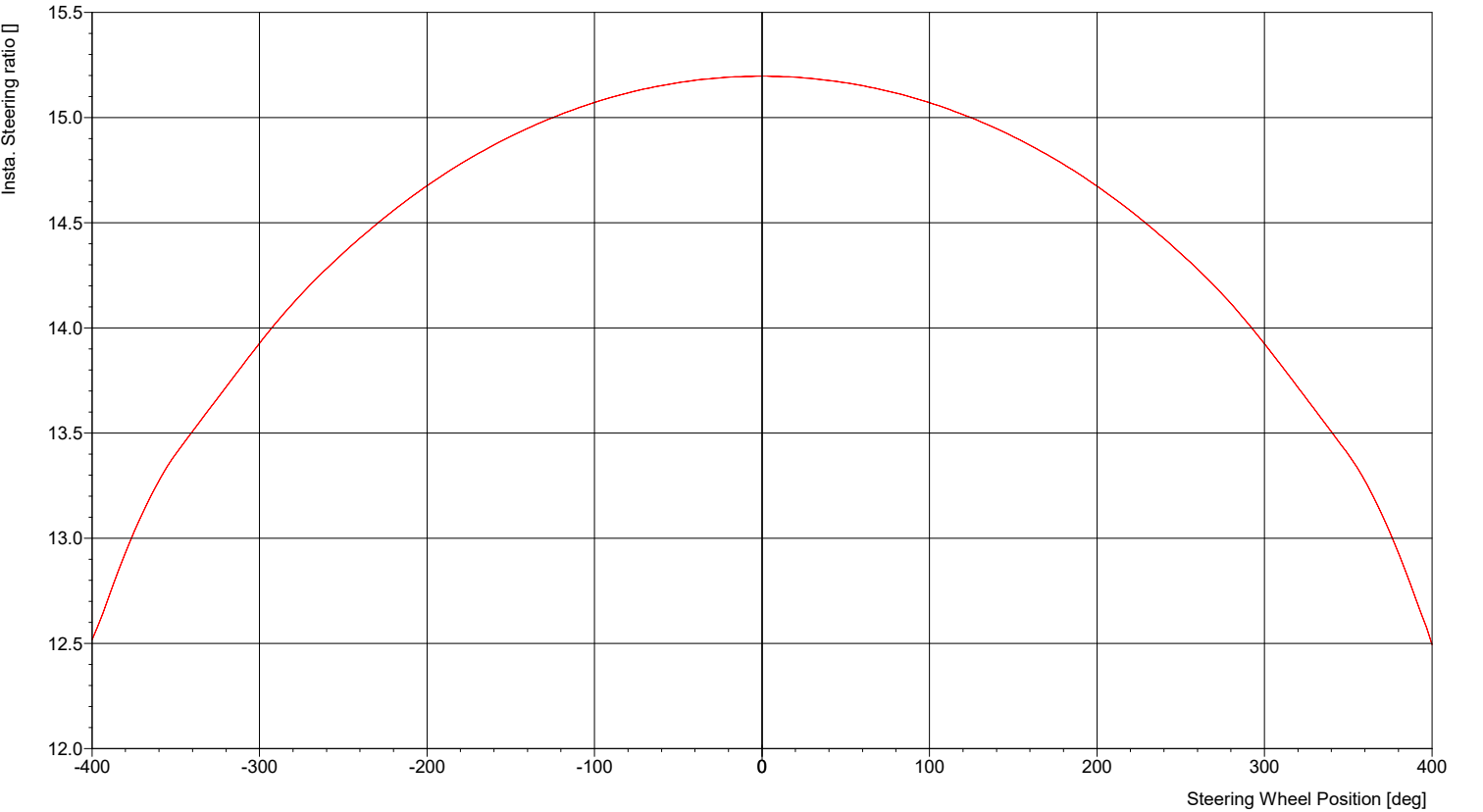
CarMaker 8.0.2 Model Check	Steering PAS On Camber Angle vs Roadwheel Steer	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

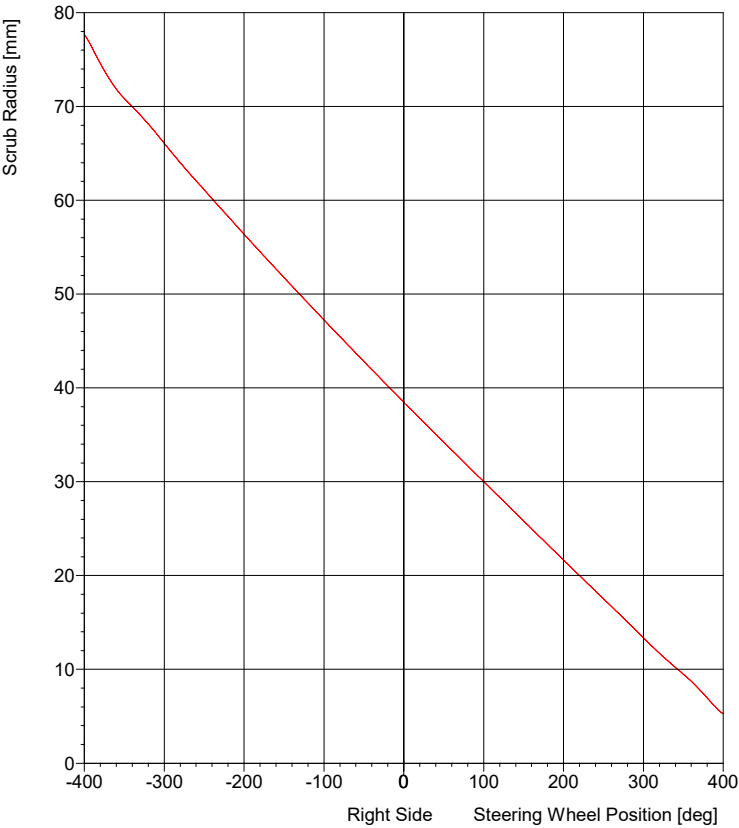
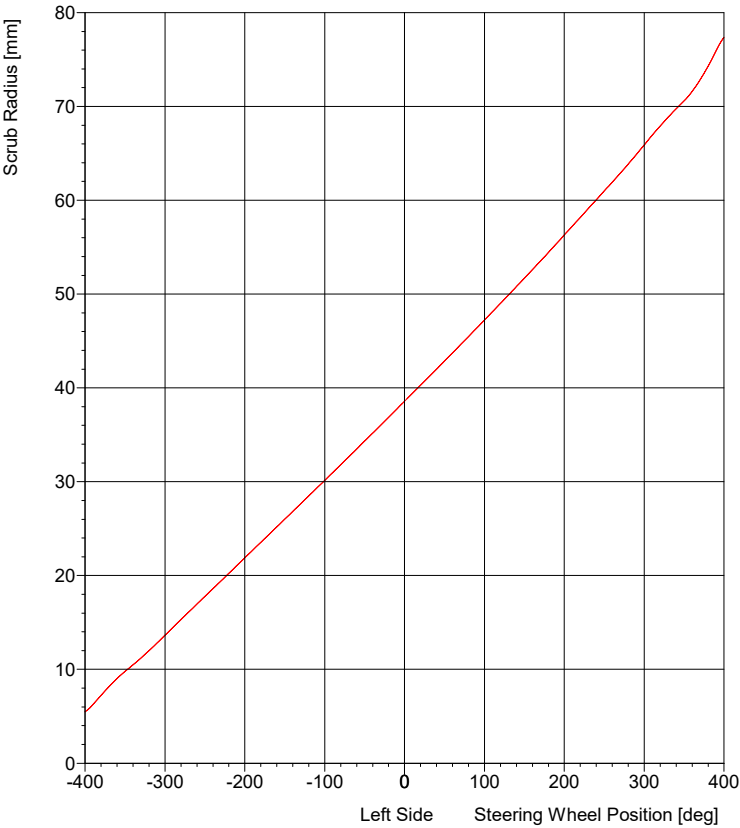
CarMaker 8.0.2 Model Check	Steering PAS On Handwheel Torque vs Handwheel Steer	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

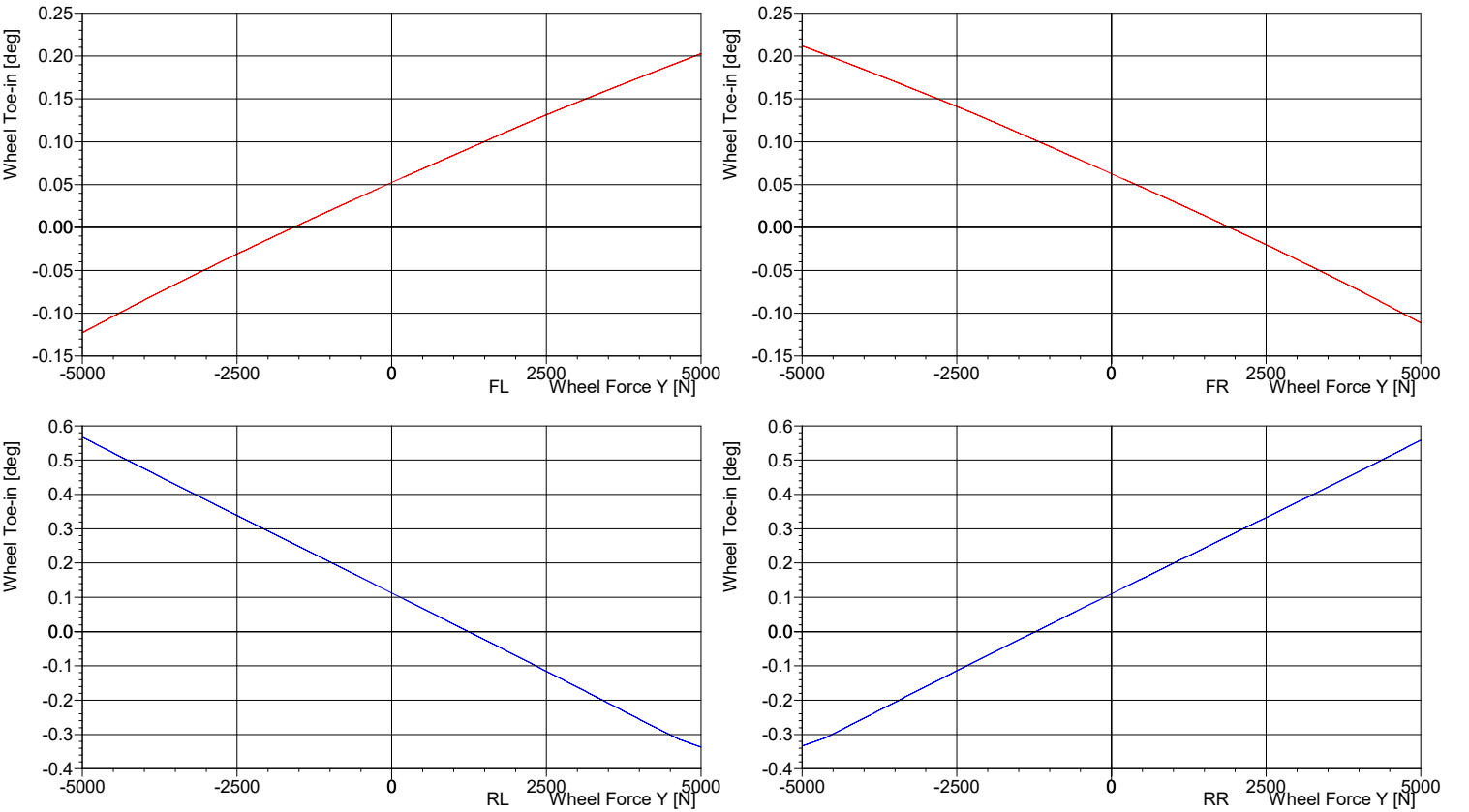
CarMaker 8.0.2 Model Check	Steering PAS On Instantaneous Steering Ratio	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

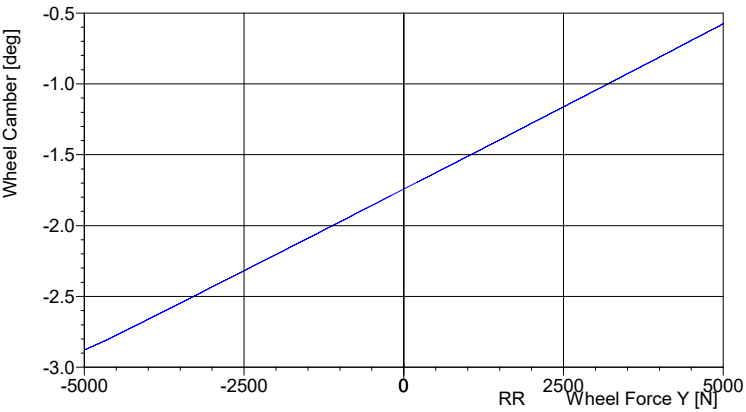
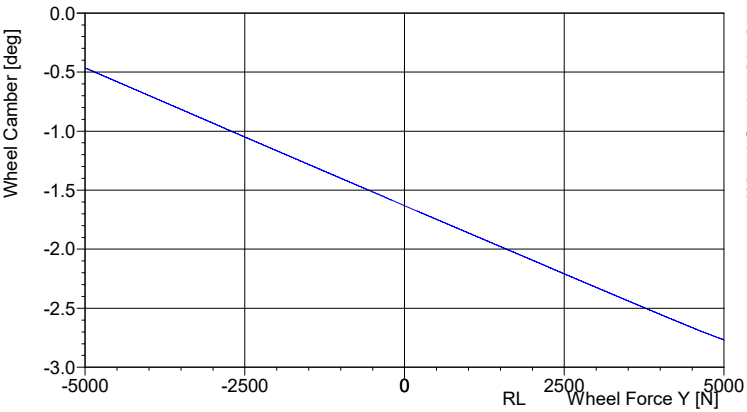
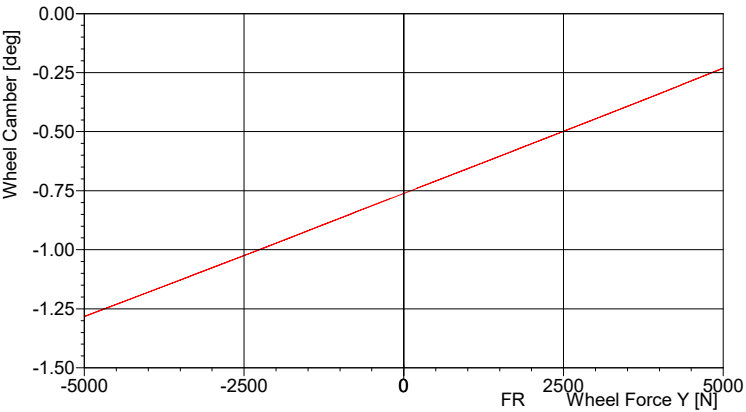
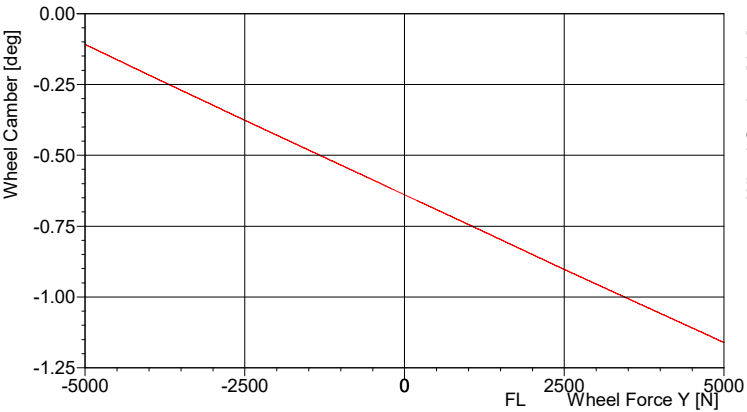
CarMaker 8.0.2 Model Check	Steering PAS On Scub Radius vs Handwheel Steer	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: no   ARB on: yes

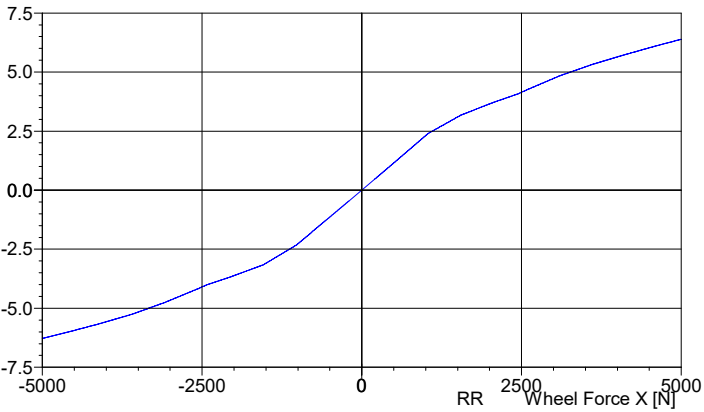
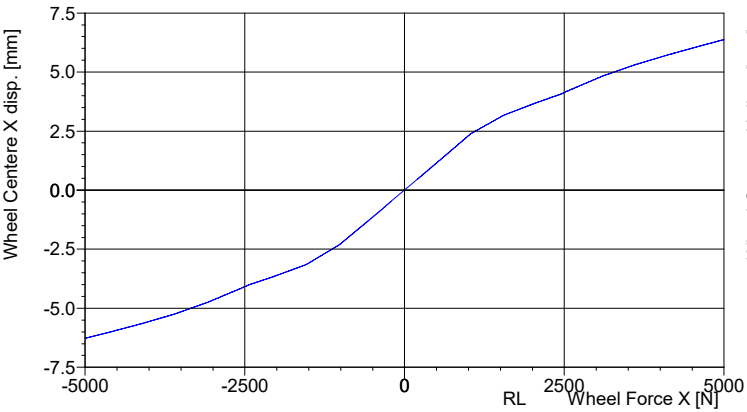
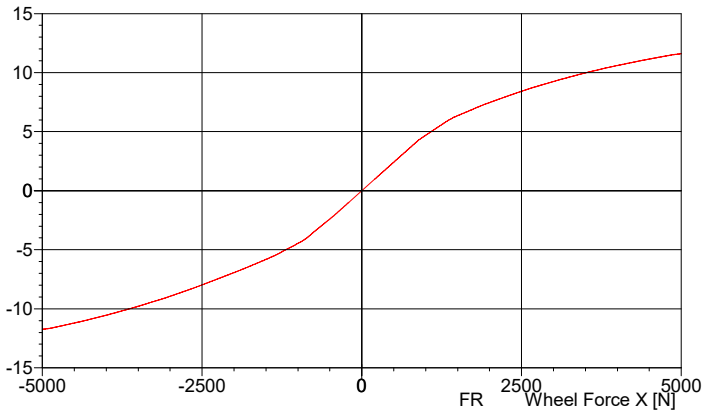
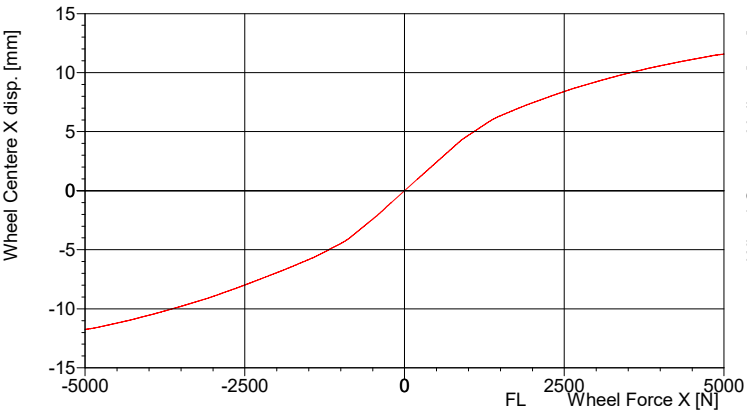
CarMaker 8.0.2 Model Check	Lateral In Phase (No Trail) Toe-in Compliance	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: no   ARB on: yes

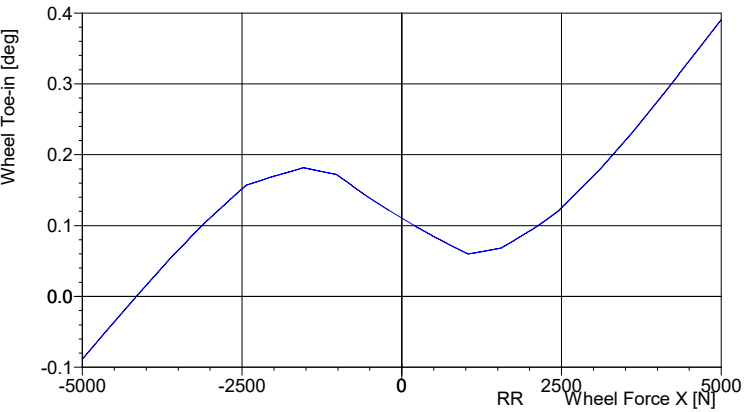
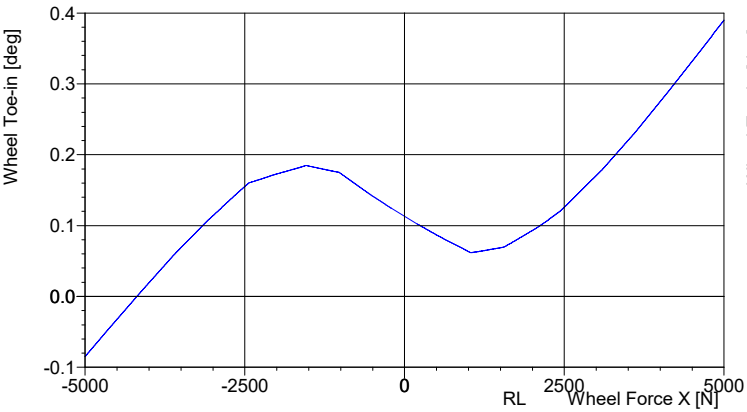
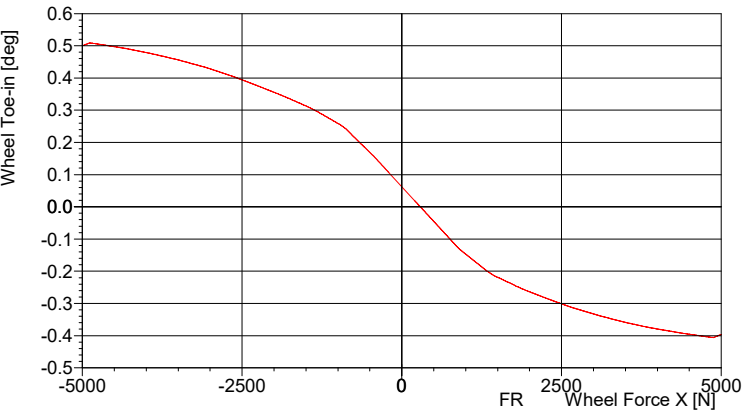
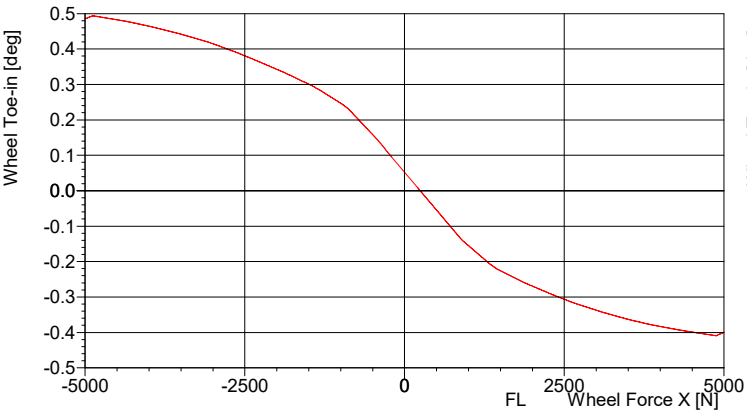
CarMaker 8.0.2 Model Check	Lateral In Phase (No Trail) Camber Compliance	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no steering rack locked: no steering PAS on: yes brakes on: yes ARB on: yes

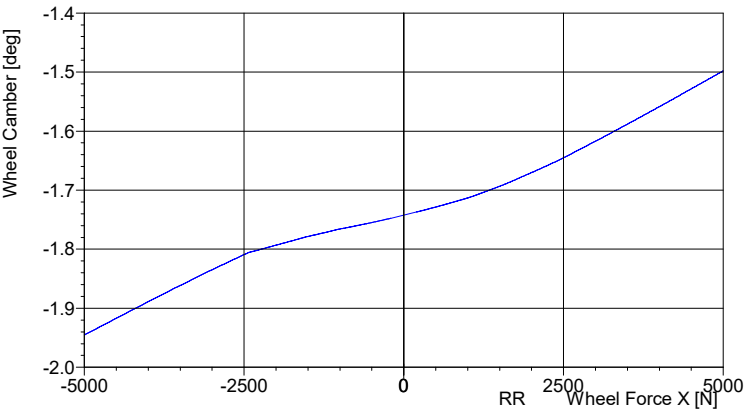
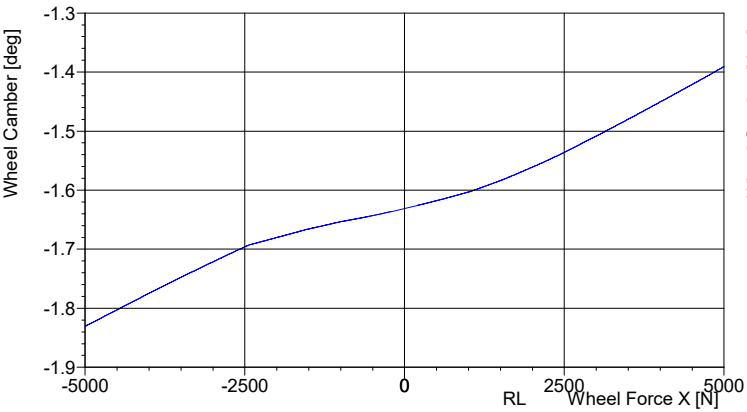
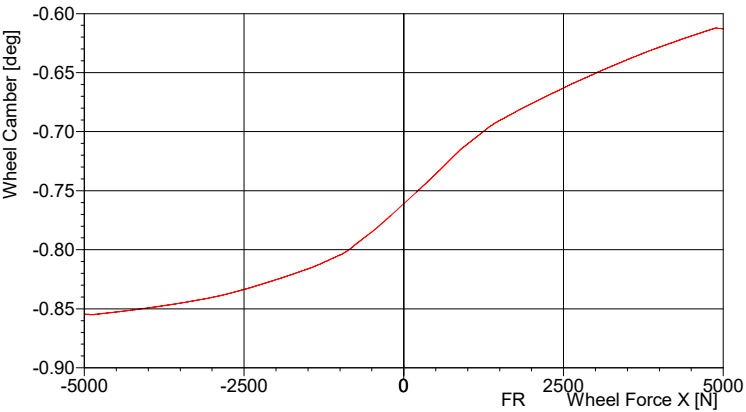
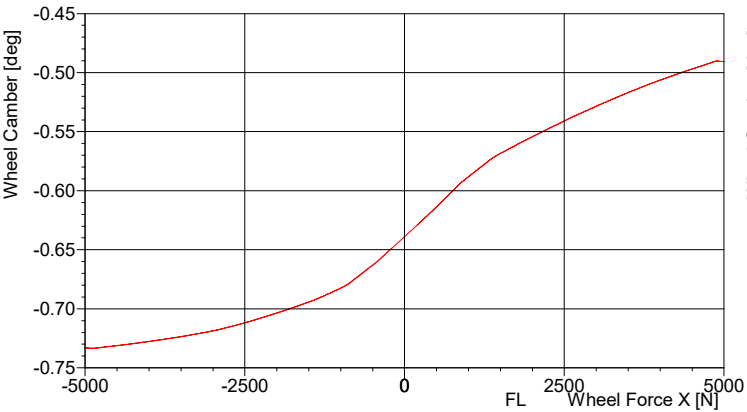
CarMaker 8.0.2 Model Check	Longitudinal Braking Wheel Center Compliance	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

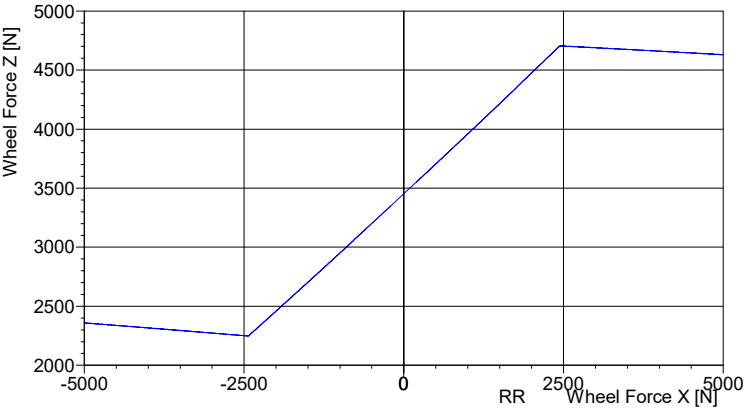
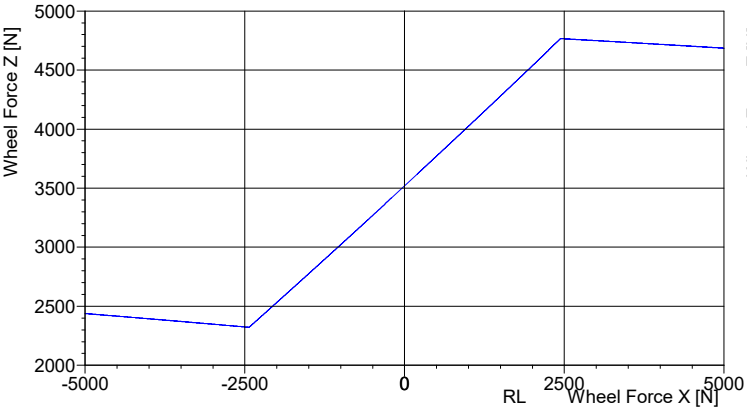
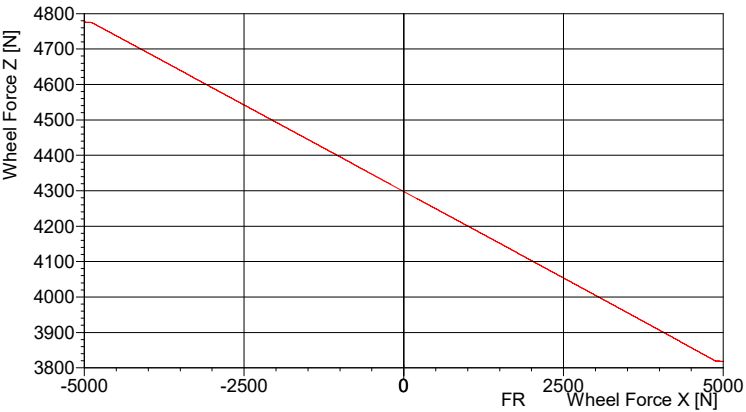
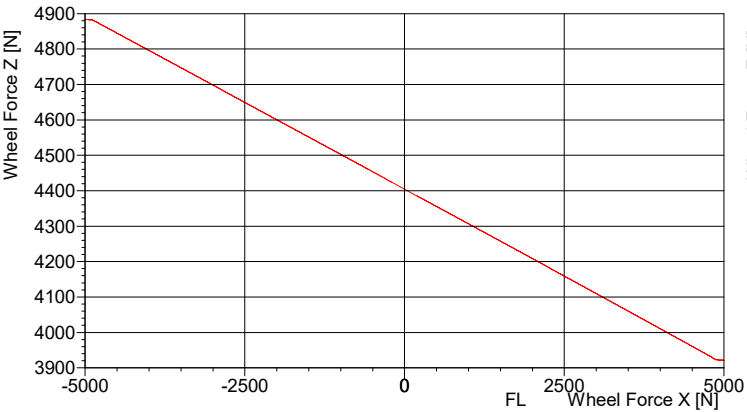
CarMaker 8.0.2 Model Check	Longitudinal Braking Toe-in Compliance	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

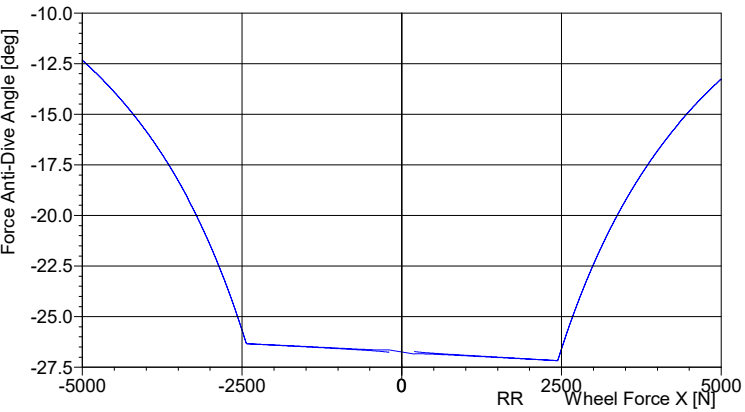
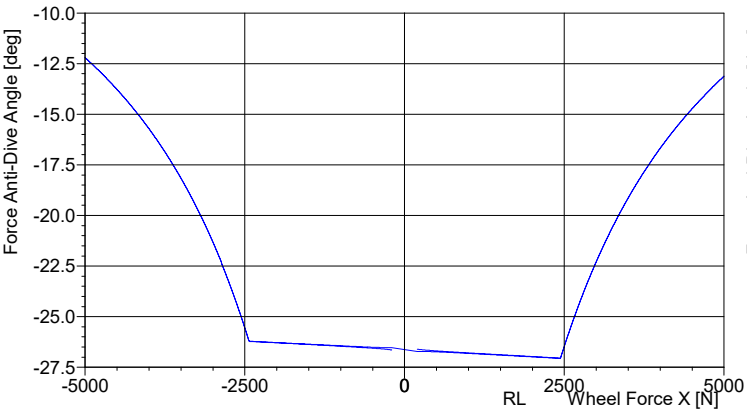
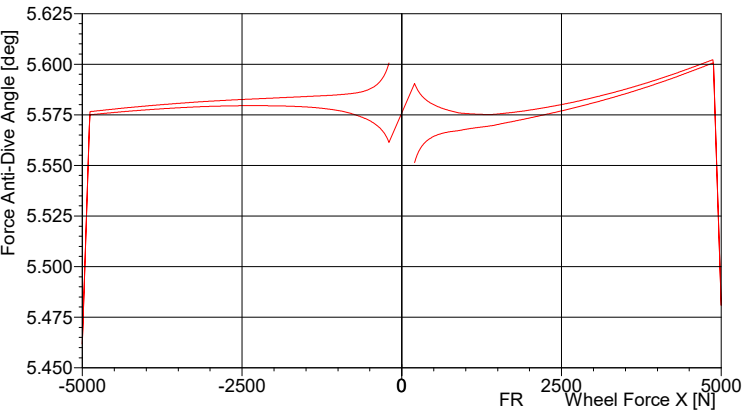
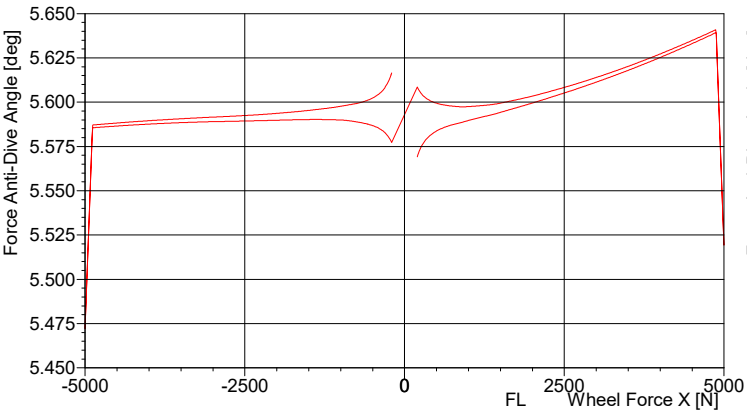
CarMaker 8.0.2 Model Check	Longitudinal Braking Camber Compliance	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

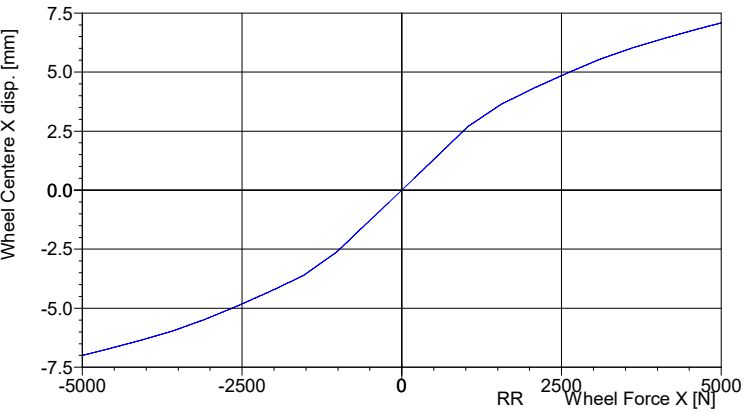
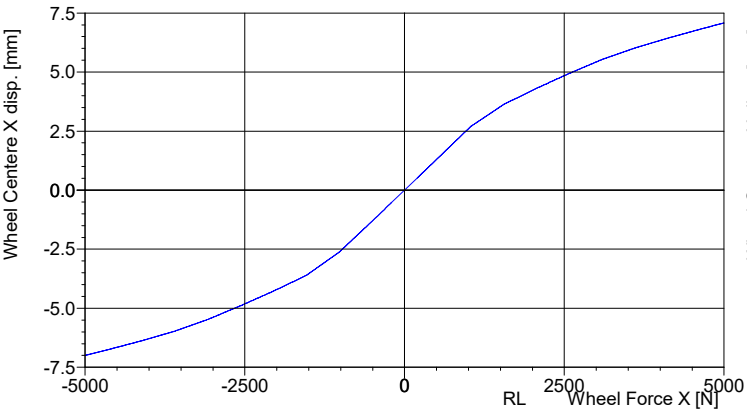
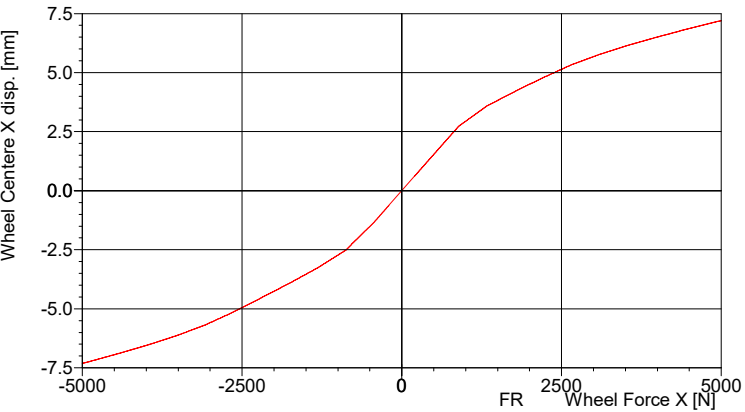
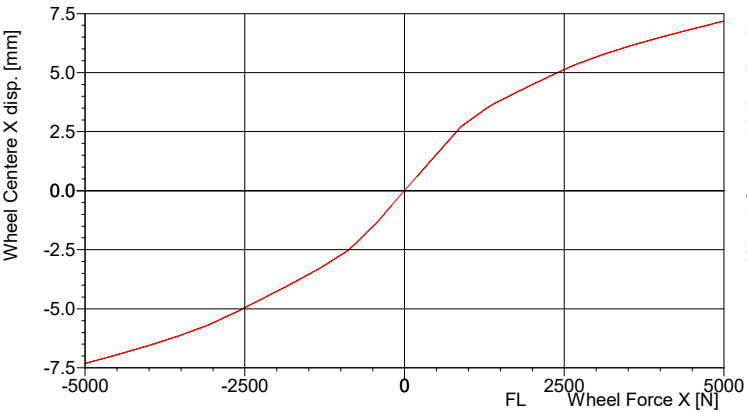
wheels wrapped: no   steering rack locked: no   steering PAS on: yes   brakes on: yes   ARB on: yes

CarMaker 8.0.2 Model Check	Longitudinal Braking Anti Dive/Squat Curve Fits	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car  
wheels wrapped: no steering rack locked: no steering PAS on: yes brakes on: yes ARB on: yes

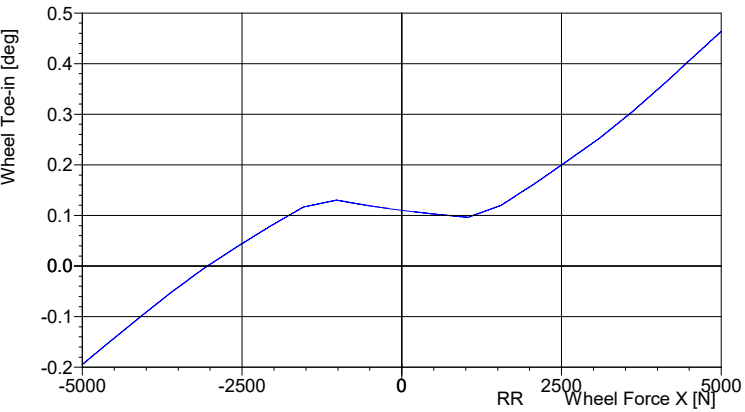
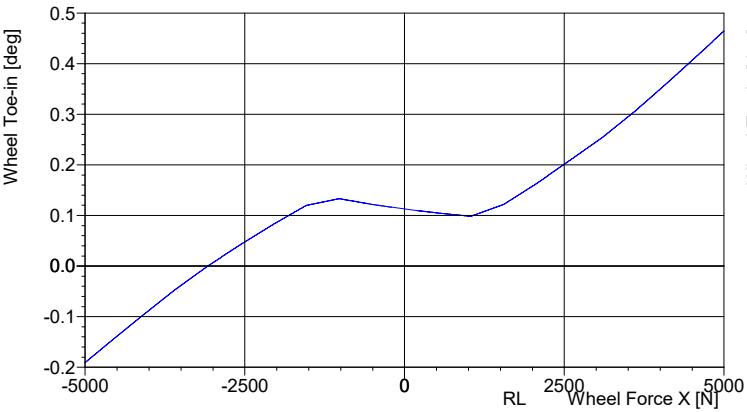
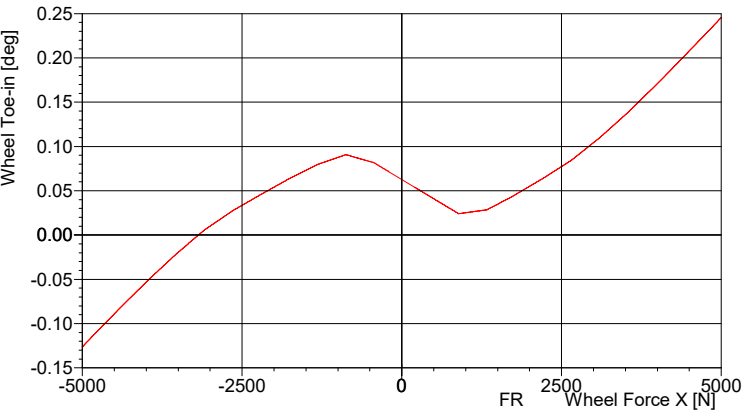
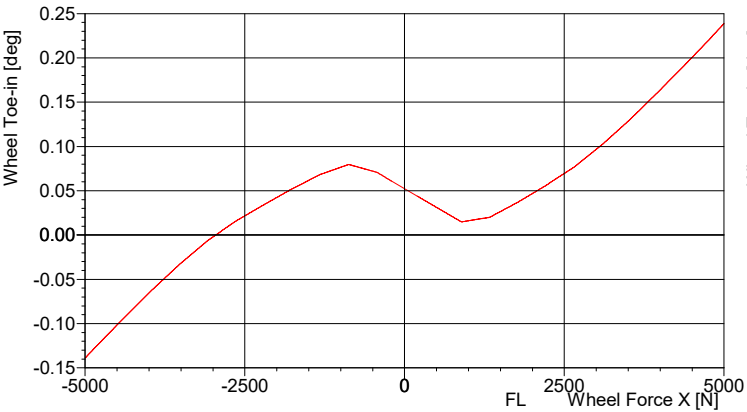
CarMaker 8.0.2 Model Check	Longitudinal Braking Force Anti-Dive Angle	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: yes   steering rack locked: no   steering PAS on: yes   brakes on: no   ARB on: yes

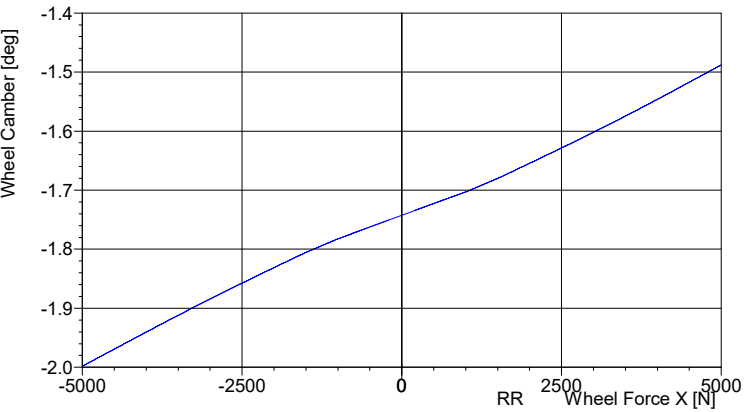
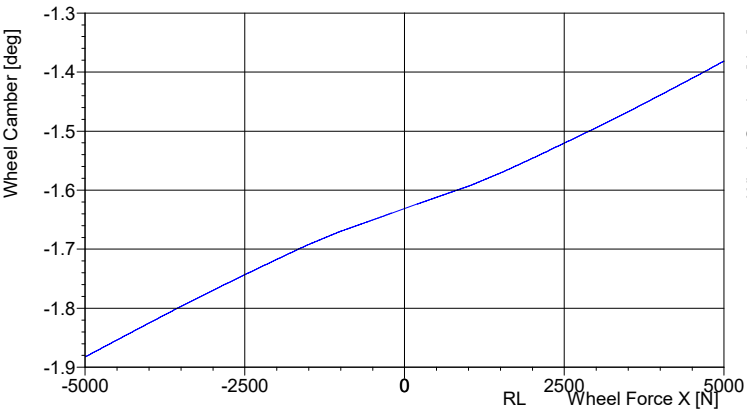
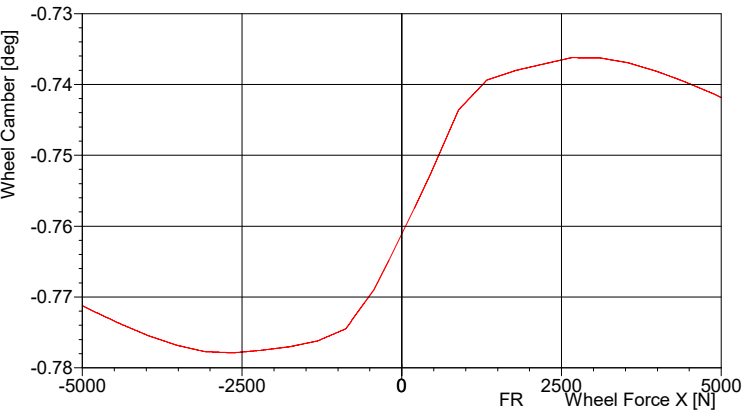
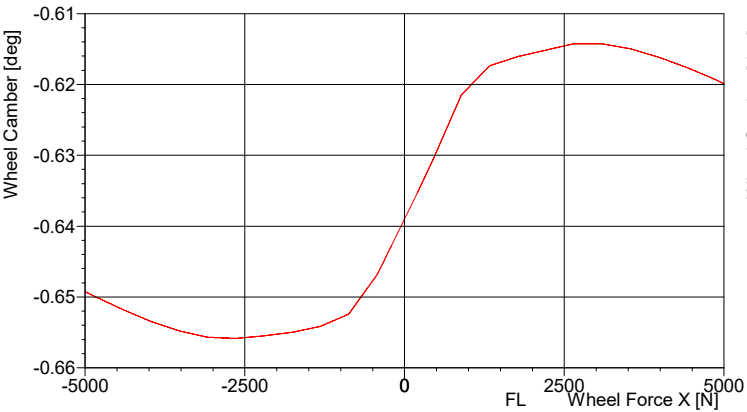
CarMaker 8.0.2 Model Check	Longitudinal Traction Wheel Center Compliance	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: yes   steering rack locked: no   steering PAS on: yes   brakes on: no   ARB on: yes

CarMaker 8.0.2 Model Check	Longitudinal Traction Toe-in Compliance	
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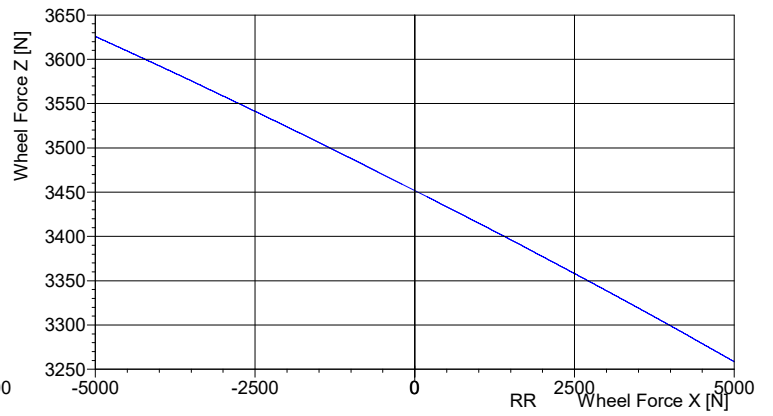
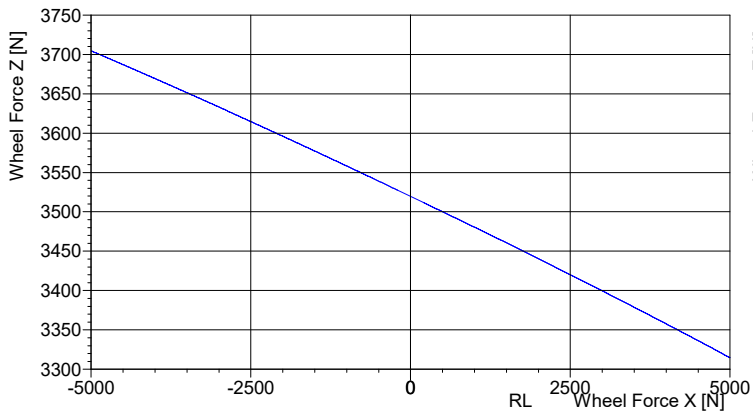
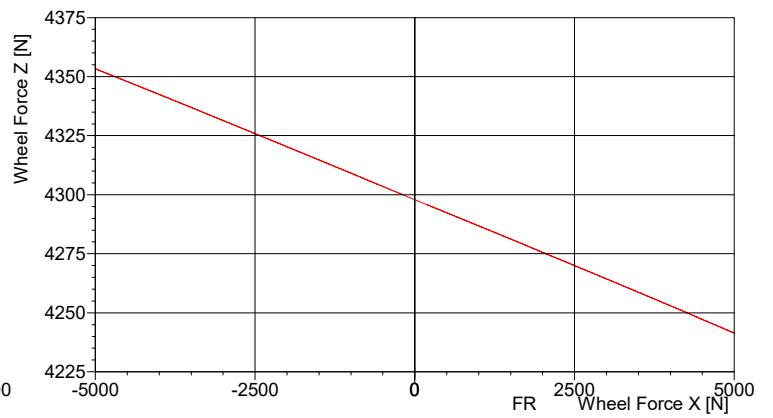
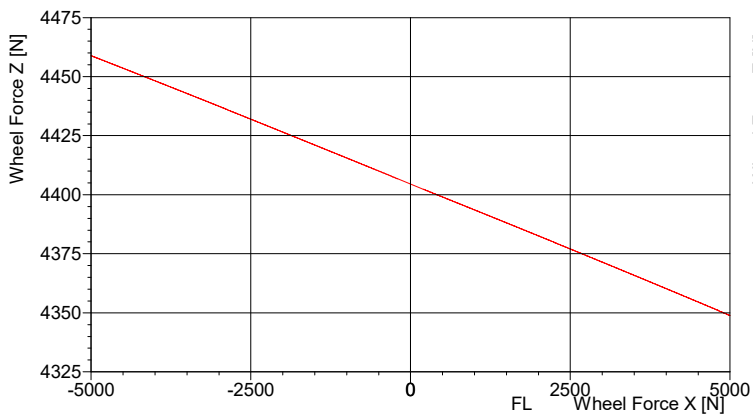


vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: yes   steering rack locked: no   steering PAS on: yes   brakes on: no   ARB on: yes

CarMaker 8.0.2 Model Check	Longitudinal Traction Camber Compliance	
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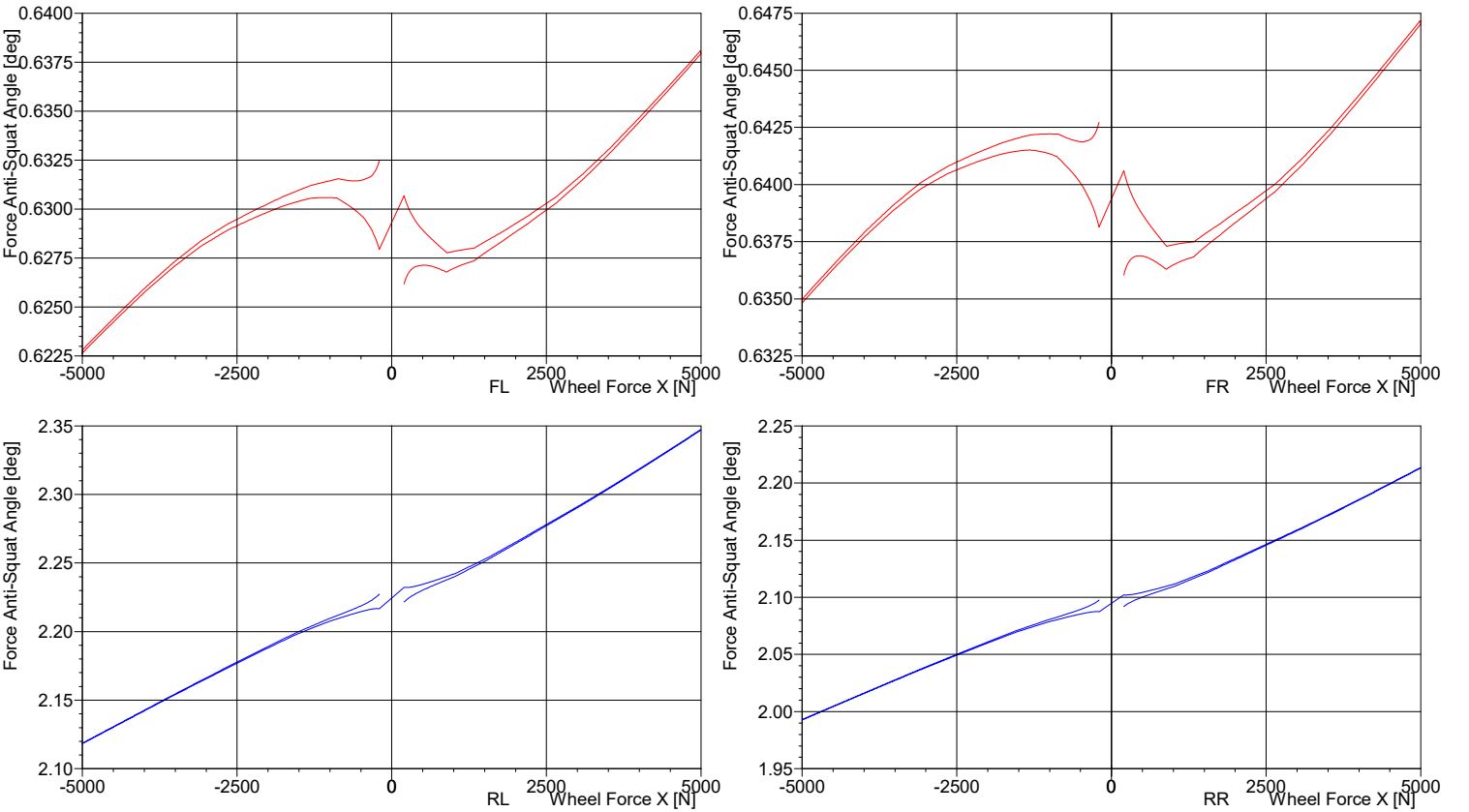




vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: yes steering rack locked: no steering PAS on: yes brakes on: no ARB on: yes

CarMaker 8.0.2 Model Check	Longitudinal Traction Anti Dive/Squat Curve Fits	
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vehicle: VW370\_BSAC2188\_IDIADA\_V10\_modi.car

wheels wrapped: yes   steering rack locked: no   steering PAS on: yes   brakes on: no   ARB on: yes

CarMaker 8.0.2 Model Check	Longitudinal Traction Force Anti-Squat Angle	
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