

Appendix B

Additional pictures from the experiment

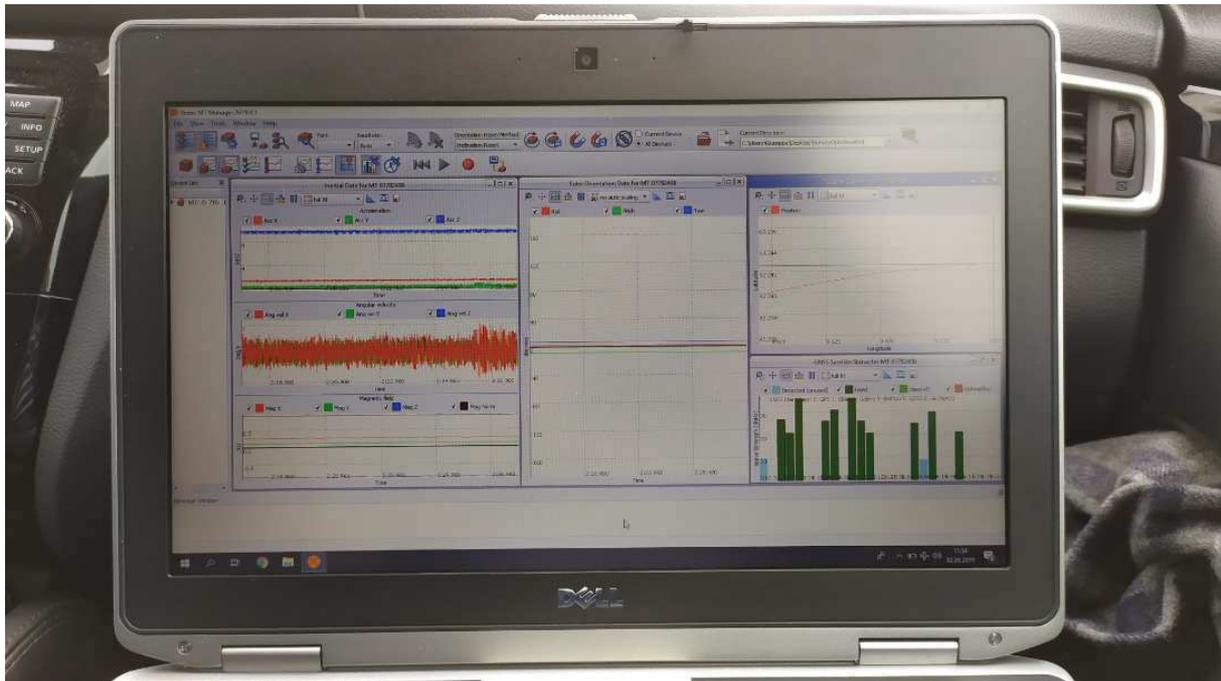
B.1 Equipment (sensor MTi-G-710)



The box construction for the sensor.



*Original placement of the sensor on the vehicle roof.
Placement was changed due to too much noise interference.*



MT Manager software to monitor the measurements and manage the recording. Measurements of inertial data (left), orientation data (middle), position data (top right) and GNSS satellite status (bottom right) shown on the screen.



1The sensor's placement inside the vehicle.



Sensor with GPS (bottom right) and leveling meter.

B.2 Road alignment



Curve 1 ($R_{v,1}$) in the south-west direction, rounds 1, 3, 5 and 7.



Curve 2 ($R_{v,2}$) in the south-west direction, rounds 1, 3, 5 and 7.



Curve 3 ($R_{v,3}$) in the south-west direction, rounds 1, 3, 5 and 7.



Curve 3 ($R_{v,4}$) in the north-east direction, rounds 2, 4, 6 and 8.



Curve 2 ($R_{v,2}$) in the north-east direction, rounds 2, 4, 6 and 8.



Curve 1 ($R_{v,1}$) in the north-east direction, rounds 2, 4, 6 and 8.

B.3 Road conditions



Cracking along the road surface.



The road conditions are also affected by bumps (not easily seen in pictures), as well as cracking.