

09.10.

Net-work:	# test run	Battery level [V]	Date & Time	Timer at start of video recording	Timer at start of screen recording	Timer at start of the Python test script	Distance driven ahead (two decimals) [m]	Devi ation Left/ Right ?	Deviation (one decimal) [cm]	Notes ? (See below)
Laptop – miniATV connection speed test conducted and saved? <input checked="" type="checkbox"/>										
Phone Hot-spot	1	41.85	18:02	01:11, 15	00:34, 29	01:11, 92	8,935	L	19.0	V 00:17, 15
	2	39.4	18:21	battery dead	00:00, 00	00:43, 51	8,525	L	13.3	Finished. PC-miniATV didn't start
	3	39.49	19:04 15	X	X	X				
	4			X	X	X				
	5			X	X	X				
	6			X	X	X				
	7			X	X	X				
Laptop – miniATV connection speed test conducted and saved? <input type="checkbox"/> connection data and not even gave the uncorrected GNSS location any more										
Musta-boxi	8									
	9									
	10			X	X	X				
	11			X	X	X				
	12			X	X	X				
	13			X	X	X				
	14			X	X	X				

Further notes (mention the # of the test run!):

Before test? Initial deviation 1.21m to the Left ✓
Really bad ~~RTK~~ GNSS accuracy: ~3-km even if RTK correction data is regularly pushed to the GNSS.
→ More time? → Usually the RTK would drop the accuracy to <20cm in seconds.

test run #2 times: 18:52 1:11.13 00:50.64 00:34.11
Test Screen Video

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combination due to connection problems on the next day

→ still 4-5 (!)m accuracy with the

GNS2 and I can't use another correction source since the Admin IDE doesn't recognize the port anymore

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Laptop – miniATV connection speed test conducted and saved? <input type="checkbox"/>										
Phone Hot-spot Re. ← outdoor steering	1									
	2									
	3	39.61	14:18	X	X	X	1,01m	L	9,5cm	*3
	4	39.46	17:04	X	X	X	4,55m	L	18,75cm	X4
	5	39.30	17:28	X	X	X	8,41m	R	67cm	
	6	39.40	17:38	X	X	X	8,94m	R	125,2cm	
	7	39.37	17:58	X	X	X	8,36m	R	135,4cm	*7
Laptop – miniATV connection speed test conducted and saved? <input type="checkbox"/>										
Musta-boxi	8	39.33	18:28	00:00	00:20,03	00:44,80	8,15m	R	188,6cm	
	9	39.29	18:37	00:00	00:20,03	00:33,80	8,70m	R	176,5cm	*9
	10	39.25	18:45	X	X	X	8,12m	R	224,7cm	
	11	39.24	18:51	X	X	X	7,99m	R	212,6cm	
	12	39.20	18:57	X	X	X	8,01m	R	256,5cm	
	13	39.21	19:06	X	X	X	7,89m	R	283,5cm	
	14	39.20	19:12	X	X	X	7,35m	R	338,5cm	

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with 2 go as new correction data source

↓
didn't work, back to old but also didn't work
↓
changed to musta-boxi with it
also no RTCM data though the USB seems to be correct

Test with GPS data

Further notes (mention the # of the test run!):

*3 It only drove 1m? → Did I mess up my testing script
→ Laptop completely froze after that, too. Was restarted.

Reason (probably): The emergency stop was still activated since I worked on that previously. It shouldn't mess up the driving, but it might.

*4 Steering got so bad that it was in danger to crash into the table → reconnected
Also GNS2 now completely lost wifi connection

*7 connection lost to phone wifi for the miniATV → restart miniATV

*9 00:21, 13

Tried to fix the GNS2, but that didn't work