



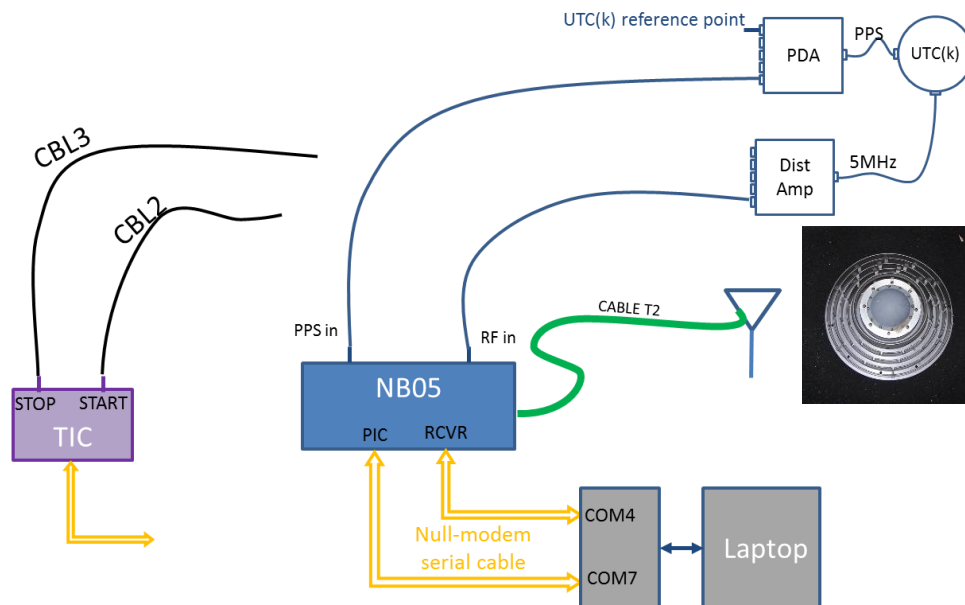
2015 GPS Calibration Campaign

NIST-OP-PTB

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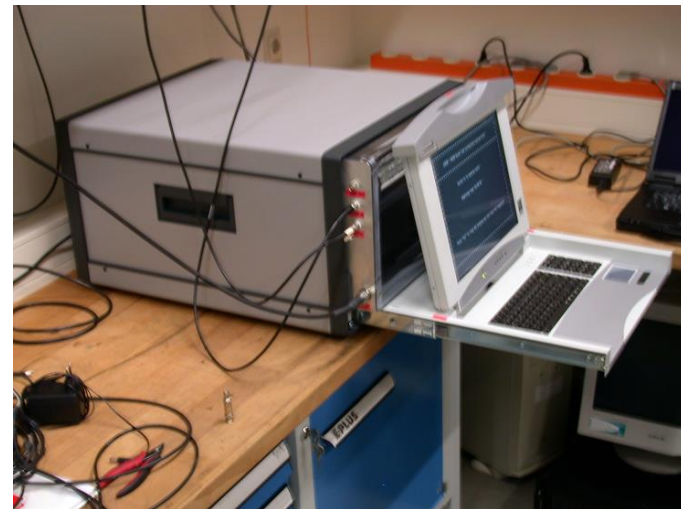
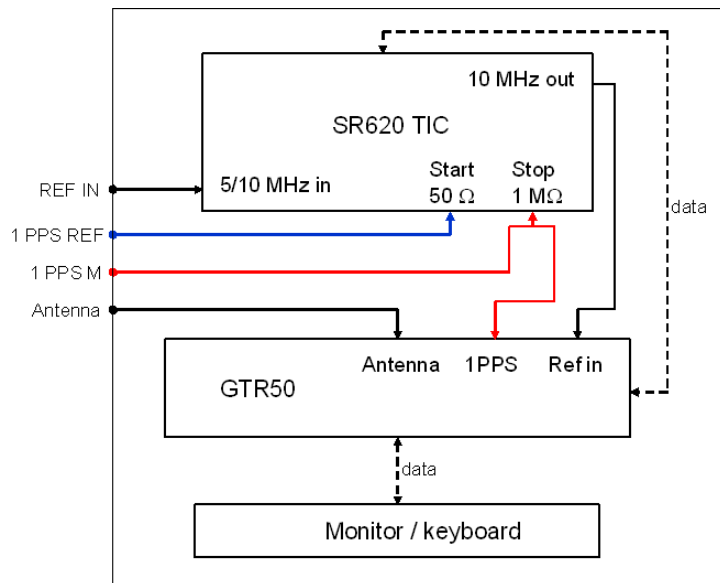
N-trav

- Single receiver Novatel OEMV
 - NIST-built enclosure measuring PPSout-PPSin continuously (every 100s)
- Antenna GNSS 750 (Choke-ring)
- HP53132 to measure REFDLY at beginning and end of measurements at each location
 - Each measurement lasts approx. 10 min to reduce statistical uncertainty
 - Measurement is differential to reduce systematic biases



P-trav

- Single receiver Dicom GTR50
- Antenna Navexperience 3G+C
- SR620 Time interval counter to measure station's cabling delays
 - Measures for 100s



O-trav

- Two receivers: Septentrio PolaRx4Tr
- One antenna Ashtech choke-ring
 - One antenna cable with power splitter
- SRS620 Time interval counter to measure REFDLY
 - Each measurement lasts 100s



date	location	travelling systems taking data				comments
week 35	NIST	N-trav				
	PTB			P-trav		
week 36	N-trav from NIST to OP				Stefania will carry it with appropriate custom paperwork (N-trav enters France)	
week 37-38	OP	N-trav	O-trav	P-trav	Simultaneous measurements in progress.	
week 41	N-trav, O-trav and P-trav from OP to PTB				Daniele will carry them to PTB. P-trav does not need to be measured again, but it is better for it to travel from Germany to USA.	
week 42	PTB	N-trav	O-trav		Simultaneous measurements	
week 43	N-trav and O-trav from PTB to OP to NIST P-trav from PTB to NIST				Daniele will carry N-trav and O-trav back to Paris and ship them to USA (N-trav exits France, O-trav travels from France to USA) P-trav is shipped from Germany to USA	
week 44-45	NIST	N-trav	O-trav	P-trav	They will be measured in pairs or simultaneously, depending on the vagaries of international shipping	
week 46	P-trav from NIST to PTB O-trav from NIST to OP				P-trav is shipped back to Germany O-trav is shipped back to France.	
week 48	OP		O-trav			
	PTB			P-trav		