BIPM GPS calibration information sheet

Laboratory:	PSB
Date and hour of the beginning of measurements:	22 March 2001 (MJD51990) UTC 00hr
Date and hour of the end of measurements:	15 April 2001 (MJD52014) UTC 23hr59min

Receiver setup information

	Local:	**Portable: NML**
• Maker:	Austron	Allen-Osborne
• Type:	AOA 2200A	TTR6
• Serial number:	4P-161	267
• Receiver internal delay (GPS) :	142 ns	
• Receiver internal delay (GLO) :	NA	
• Antenna cable identification:	Austron IF	NML IF PSB IF
Corresponding cable delay :	403 ns	234.5 ns ± 0.5 ns 392 ± 1 ns
• UTC cable identification:		
Corresponding cable delay :	16 ± 1 ns	16 ± 1 ns
Delay to local UTC :	-	
• Receiver trigger level:	-	
• Coordinates reference frame:	WGS 84	
Latitude:	1º 17’ 31.288”	1º 17’ 30.83”
Longitude:	103º 47’ 07.728”	103º 47’ 08.01”
Height:	66.77 m	67.21 m

Antenna information

	Local:	**Portable:**
• Maker:	Austron	Allen Osborne
• Type:	7490582-2	TTR6
• Serial number:	403	572
If the antenna is temperature stabilised		
• Set temperature value :	NA	

Antenna cable information

	Local:	**Portable:**
• Maker:	-	Huber+ Suhner
• Type:	-	Sucofeed ½inch HF
• Is it a phase stabilised cable:	No	No
• Length of cable outside the building :	-	98 m

General information

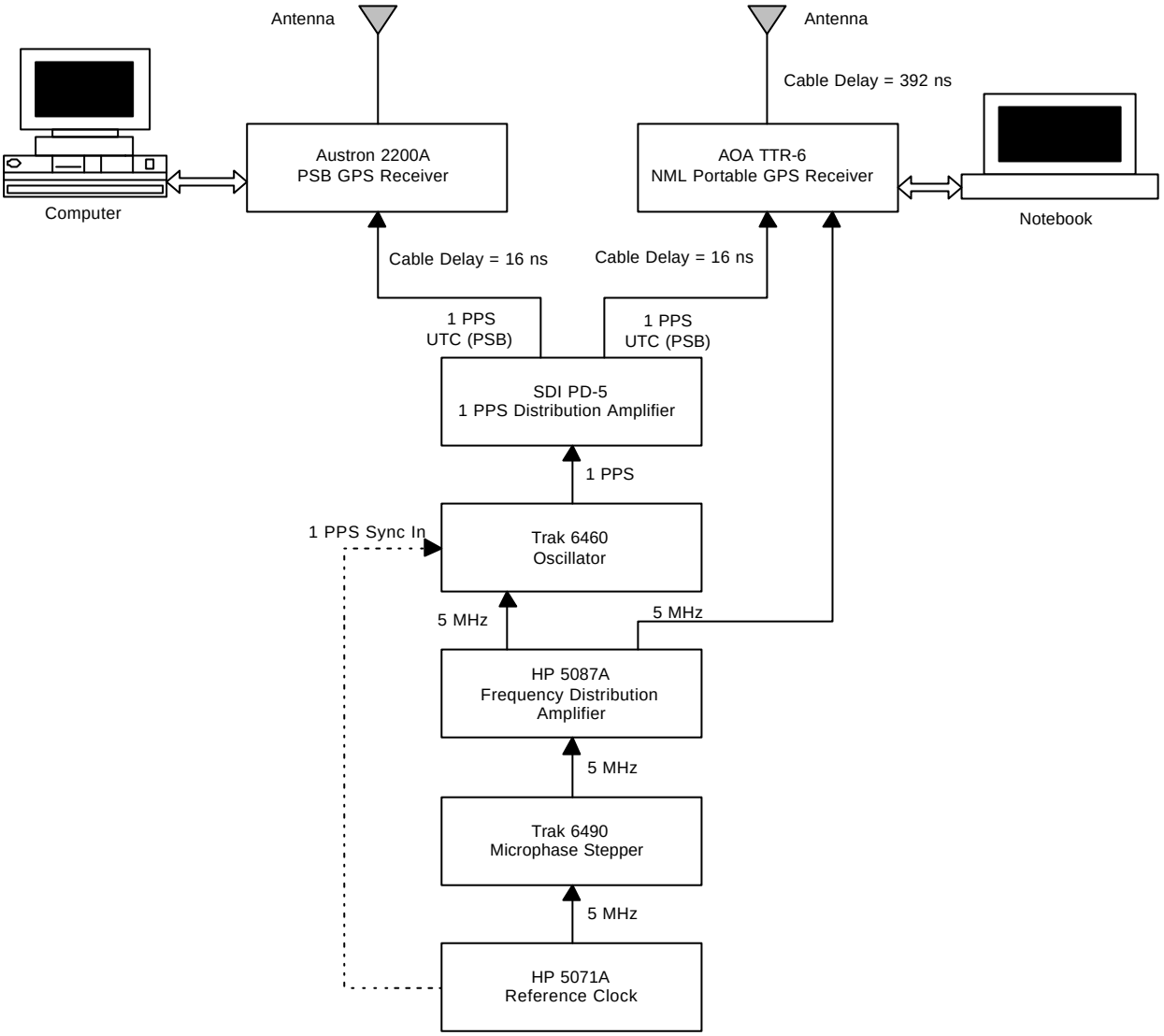
• Rise time of the local UTC pulse:	3.7 ± 0.5 ns
• Is the laboratory air conditioned:	Yes
• Set temperature value and uncertainty :	23 ± 1 º C
• Set humidity value and uncertainty :	55 ± 5 % rh

Cable delay control

Cable identification	delay measured by NML	delay measured by local method
NML-IF Antenna cable	234.5 ns ± 0.5 ns	240.4 ± 1 ns

Plot of the experiment set-up:

Link to the local UTC of both receivers and Antenna positions



Description of the local method of cable delay measurement: