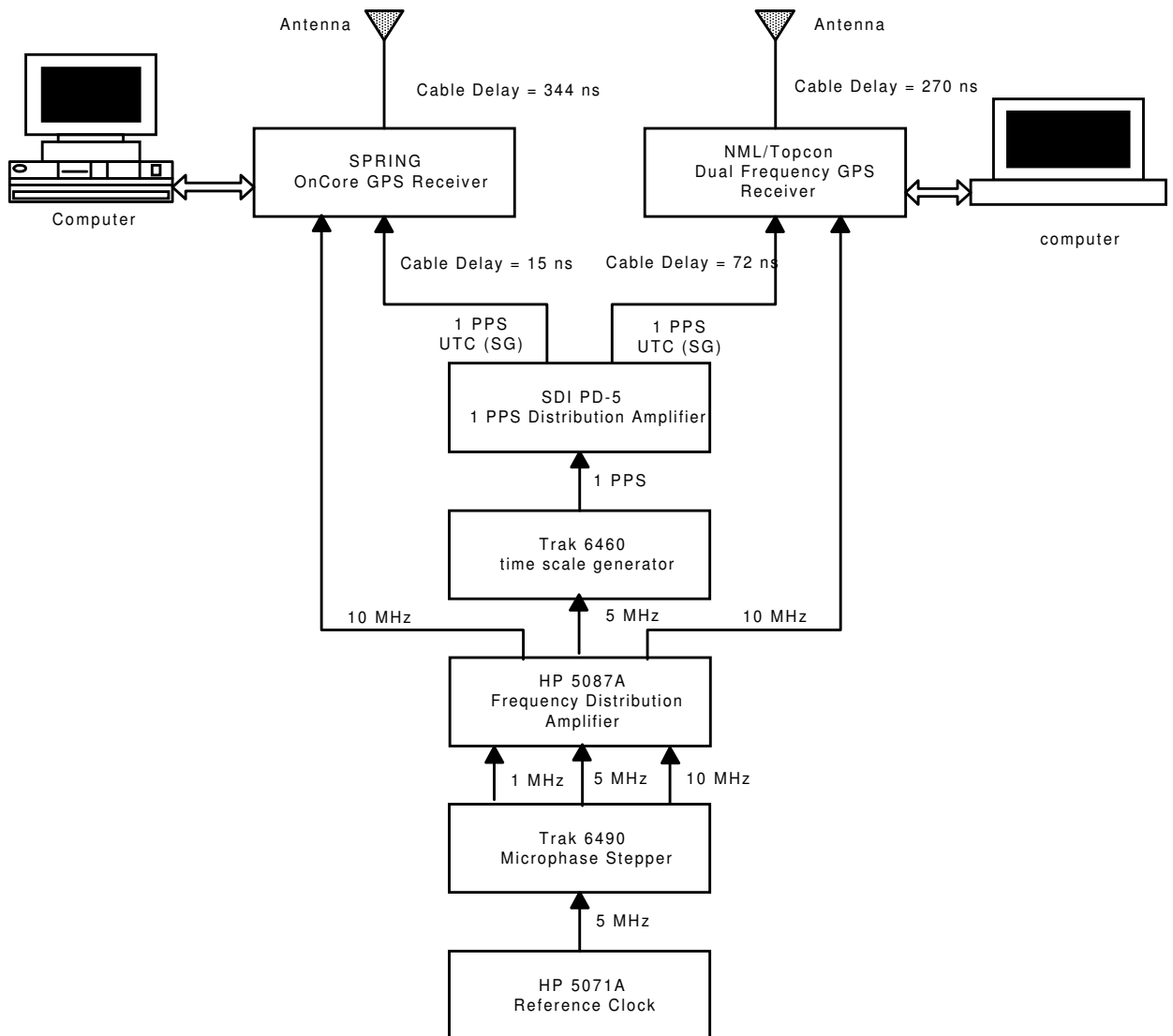


BIPM GPS calibration information sheet

Laboratory:	SPRING Singapore	
Date and hour of the beginning of measurements:	8 June 2004 (MJD53164) UTC 4:15:00	
Date and hour of the end of measurements:	16 June 2004 (MJD53172) UTC 0:45:00	
Receiver setup information		
	Local:	Portable: NML
• Maker:	NML/OnCore	NML/Topcon
• Type:	OnCore VP card	Euro-80 Dual Frequency
• Serial number:		8R633IOLON4
• Receiver internal delay (GPS) :	-30ns	
• Receiver internal delay (GLO) :		
• Antenna cable identification:	SPRING cable 4	SPRING cable 2
Corresponding cable delay :	(344±2) ns	(270 ± 2) ns
• UTC cable identification:		
Corresponding cable delay :	(14.8 ± 2.0) ns	(72.0 ± 2.0) ns
Delay to local UTC :		
• Receiver trigger level:		0.5 V
• Coordinates reference frame:	WGS 84	WGS 84
Latitude:	1 17 31.0164	1 17 31.1951
Longitude:	103 47 7.8152	103 47 7.6288
Height:	67 m	67 m
Antenna information		
	Local:	Portable:
• Maker:	Motorola	Topcon/Javad
• Type:	OnCore	MarAnt
• Serial number:		MAGGD #0191
If the antenna is temperature stabilised		
• Set temperature value :	—	—
Antenna cable information		
	Local:	Portable:
• Maker:	Huber+ Suhner	Huber+ Suhner
• Type:	Sucofeed 7/8 inch HF	Sucofeed ½ inch HF
• Is it a phase stabilised cable:	No	No
• Length of cable outside the building :	84 m	70 m
General information		
• Rise time of the local UTC pulse:	(4.31 ± 0.12) ns	
• Is the laboratory air conditioned:	Yes	
• Set temperature value and uncertainty :	23 ± 1 ° 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	(159.8 ± 1.0) ns	(158.5 ± 2.0) 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:

