Figure 1 NIM PolarX2 set-up figure

Table 1:   Result of measurement described in Annex B3

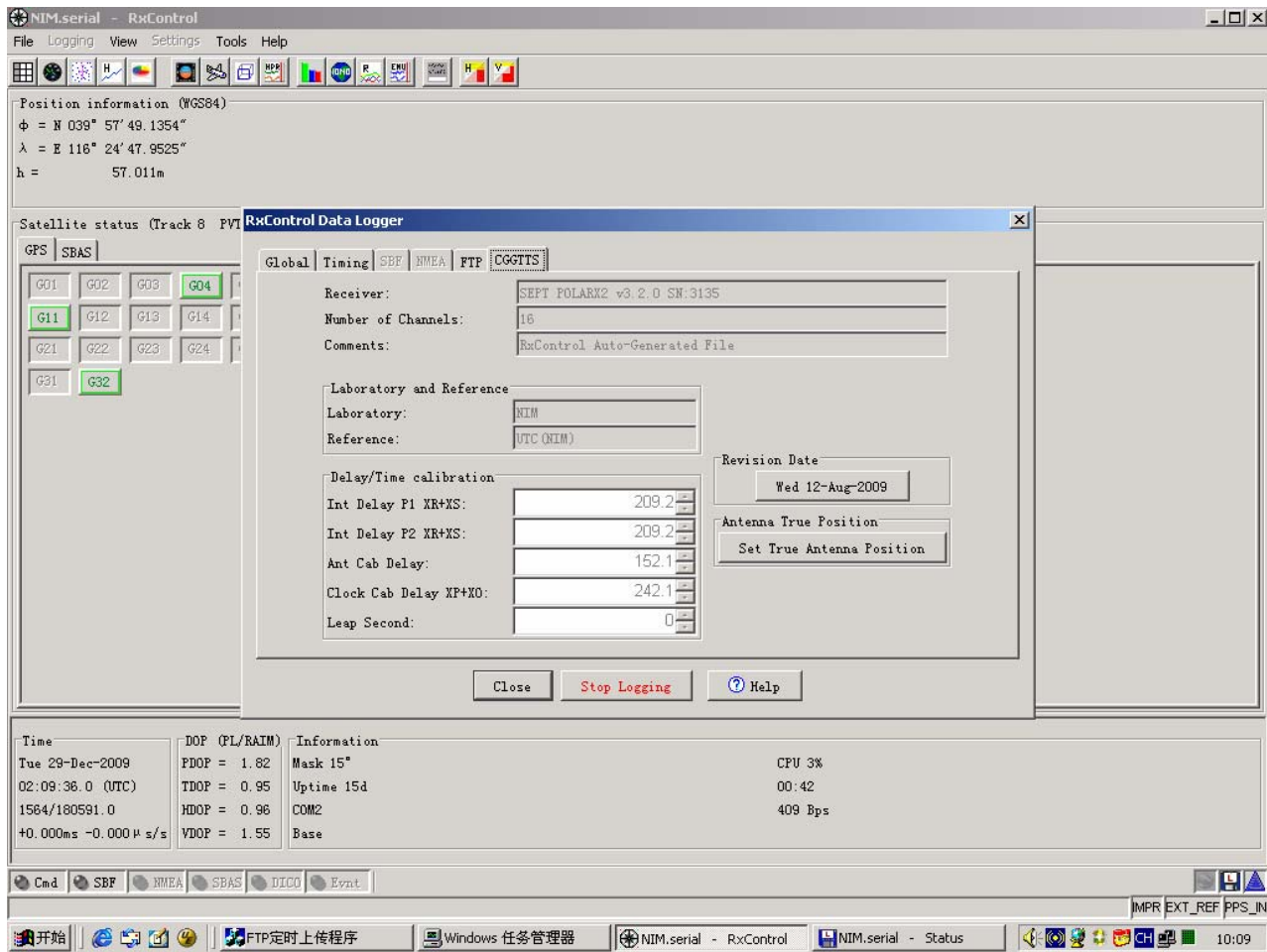|	Figure 1	Figure 2	Delay between 1PPS output and 1PPS input
Befor operation	28.17 ns	265.41 ns	237.24 ns
After operation	137.31 ns	374.66 ns	237.35 ns

Figure 2   NIM PolarX2 receiver delay setup

        NIM PolarX2 receiver has two serial port. One port is used to collect data and generate CGGTTS file. During TAIPPP calibration period, this port still works.

Figure 2 shows screenshot of actual setup. I don't wether it would effect the calibration result or not, so provide to you.
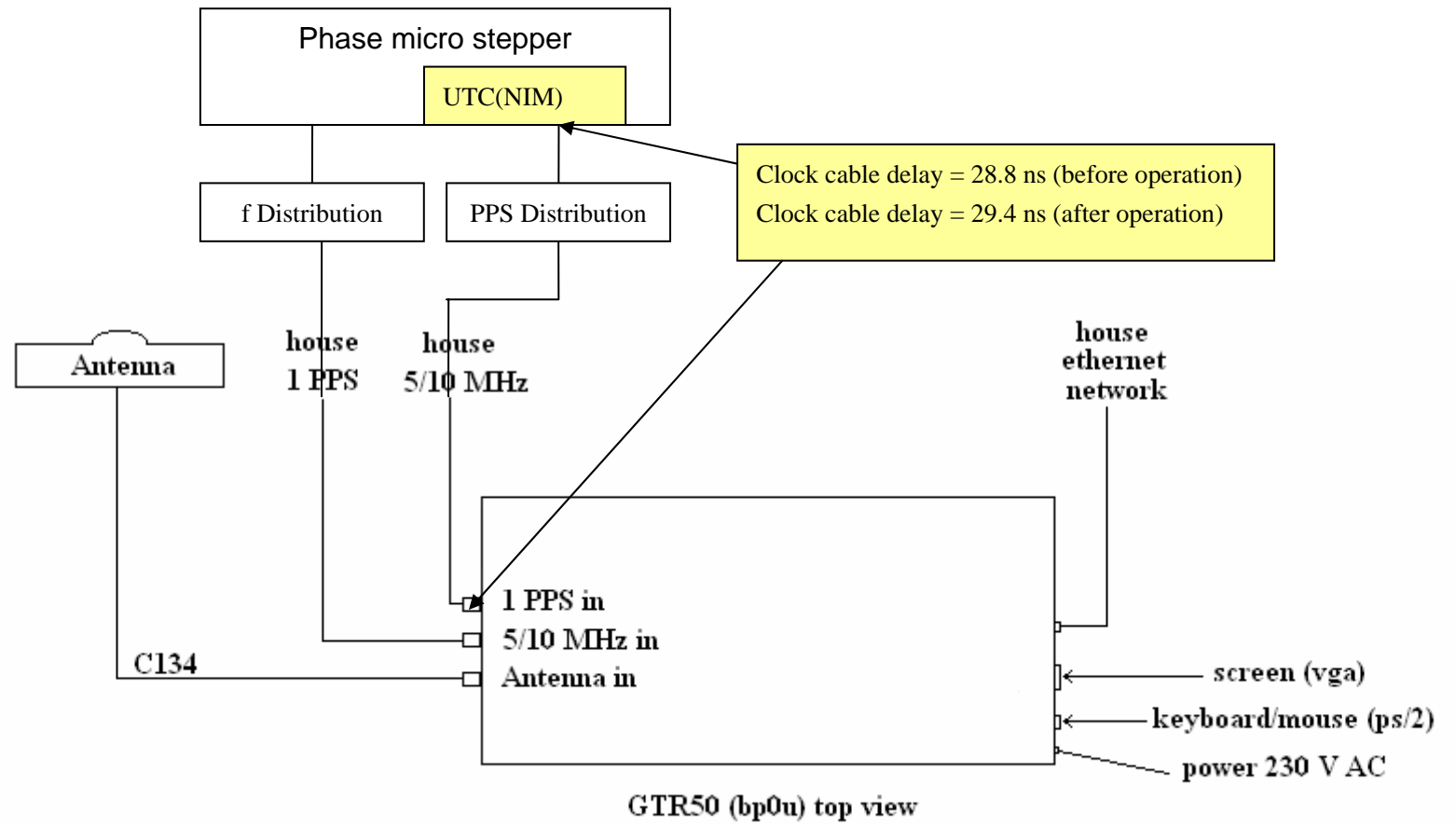
Phase micro stepper

UTC(NIM)

Clock cable delay = 28.8 ns (before operation)
Clock cable delay = 29.4 ns (after operation)

f Distribution

PPS Distribution

Antenna

house
1 PPS

house
5/10 MHz

house
ethernet
network

1 PPS in
5/10 MHz in
Antenna in

C134

screen (vga)
keyboard/mouse (ps/2)
power 230 V AC

GTR50 (bp0u) top view

Figure 3   BIPM GTR50 set-up figure

Table 2: Coordinate

	X	Y	Z
GTR50	-2177653.54	4384314.12	4074929.45
PolarX2	-2177661.82	4384311.73	4074929.43