

Set-up at PTB July 2006

	ITRF 2000			1PPS DA to 1PPS in	Meas 3.1 (3.3) / ns	Meas 3.2 / ns	Ant. Cable / ns
	X	Y	Z				
BIPC	3844063.470	709657.990	5023127.240	7.5	9.4-9.5 (9.4-9.7)	29.9-29.8	XC = 235.9 ns; XD = 0.0 ns (short base only)
	Checked OK with PPP			XP = 7.5 ns	Int ref - 1PPSin (XO) = 25.3 ns Using 3.1		Short base: XC+XD = 235.9 ns
PTBB	3844060.000	709661.270	5023129.510	35.6	12.7-12.7 (13.1-13.4)	Not available	Short base: XC = 301.7 ns; XD=0
				XP = 35.6 ns	Int ref - 1PPSin (XO) = 28.5 ns Using 3.1		Short base: XC+XD = 301.7 ns

Observations

Short baseline: doy 217-226 (4-13 August 2004)

Measurement results

17/11/2006 (L. Tisserand) via R2CGGTTS

Short baseline: Indirect result from (PTBG-PTBB) over 53887 to 53914 and (PTBG-BP0C) over 53915 to 53922)

Delta (-XP-XO+XR1+XC+XD+XS1) (PTBB - BIPC) = +132.8 ns

Delta (-XP-XO+XR2+XC+XD+XS2) (PTBB - BIPC) = +131.9 ns

Calibration results

Preliminary 17/11/2006 (G. Petit)

Short baseline

BIPC: -XP-XO+XR1+XC+XD+XS1 = 508.7 ns

BIPC: -XP-XO+XR2+XC+XD+XS2 = 525.0 ns

PTBB: -XP-XO+XC+XD = 237.6 ns

Therefore

PTBB: XR1+XS1 = 403.9 ns

PTBB: XR1+XS1 = 303.9 ns Assuming 2*50 ns phase ambiguity of 20-MHz signals

PTBB: XR2+XS2 = 419.3 ns

PTBB: XR2+XS2 = 319.3 ns