

Reference values for BP0U (provisional 15/09/2008): XR1+XS1 = -3.0 ns XR2+XS2 = -3.0 ns

Set-up at METAS August 2008

ITRF 97

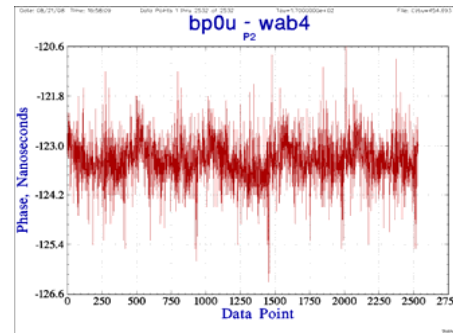
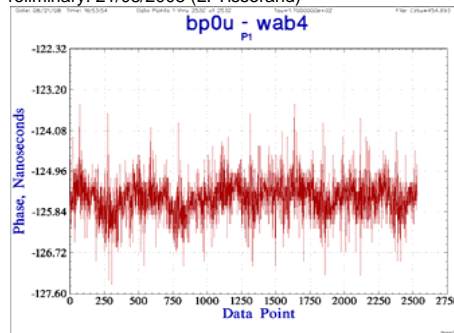
	x	y	z	Ref - PPSin / ns	leas 3.1 (3.3) / r	Meas 3.2 / ns	Ant. Cable / ns
BP0U (GTR50)				40.4	N/A		XC = 182.0 ns (C134) XC+XD = 182.0 ns
				XP = 40.4 ns	Int ref - 1PPSin (XO) = N/A ns		
WAB4 (PolaRx2)				10.3	242.2		XC = KA-KR#11; XD = 10.5 ns Short baseline: XC+XD = 221.7 ns
				XP = 10.3 ns	Int ref - 1PPSin (XO) = 250.9 ns		

Observations

Short baseline WAB4: 54691-54695, doy 226-230 (13-17 August 2008)

Measurement results

Preliminary: 21/08/2008 (L. Tisserand)



WAB4 Short baseline:

Delta (-XP-XO+XR1+XC+XD+XS1) (Wab4 - BP0U) = 125.5 ns

Delta (-XP-XO+XR2+XC+XD+XS2) (Wab4 - BP0U) = 123.4 ns

Calibration results

Preliminary: 03/10/2008 (G. Petit)

WAB4 Short baseline

BP0U: -XP-XO+XR1+XC+XD+XS1 = 61.2 ns

BP0U: -XP-XO+XR2+XC+XD+XS2 = 61.2 ns

WAB4: -XP-XO+XC+XD = -39.5 ns

Therefore

WAB4: XR1+XS1 = 226.2 ns

WAB4: XR2+XS2 = 224.1 ns

For BP0U, XC+XD-XP-XO is the difference between the actual value (141.6 ns) and the value entered in the receiver (128.5-51.1 = 77.4 ns)