

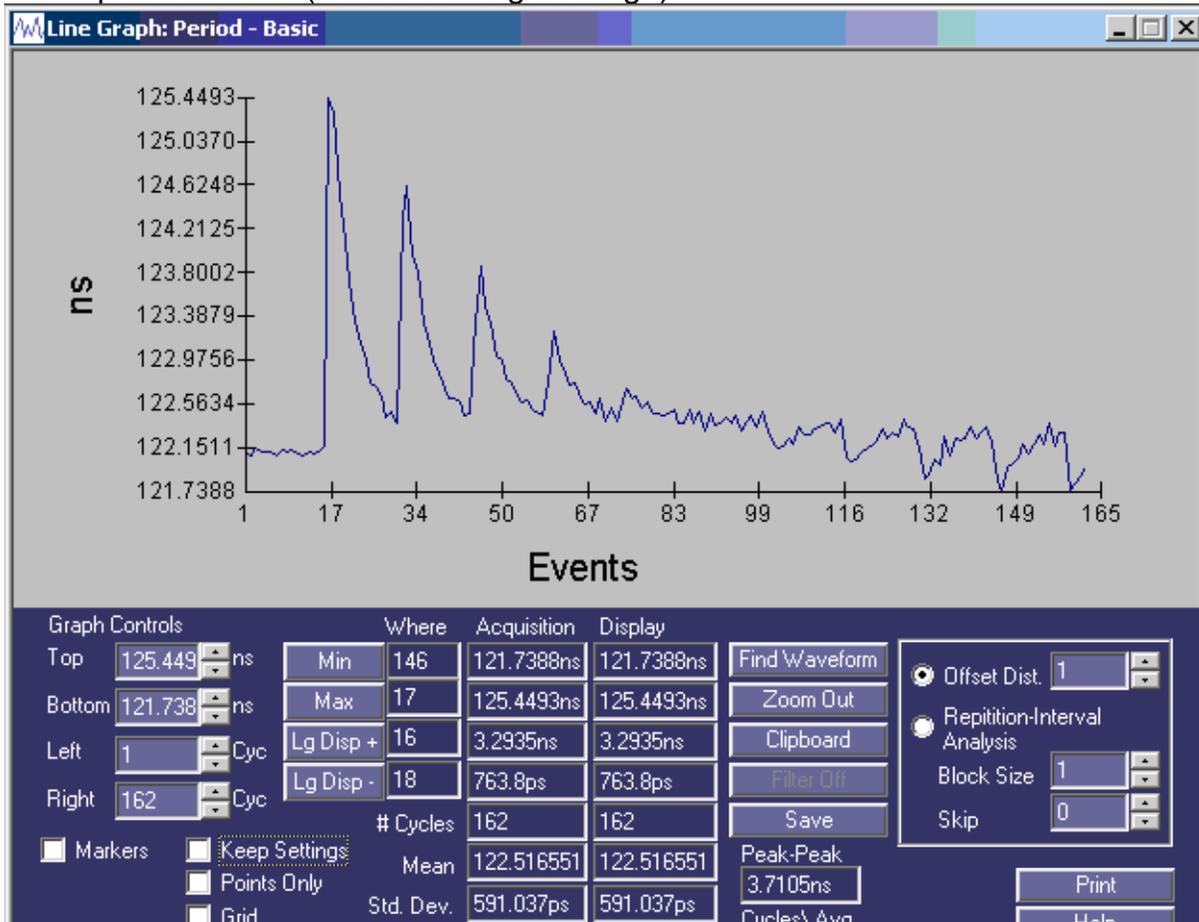


CY22381 Response to 180 degree reference phase change

This table summarizes the scope / M1 data, which analyzes cycle-by-cycle. It does not include data from the HP 53310A modulation domain analyzer.

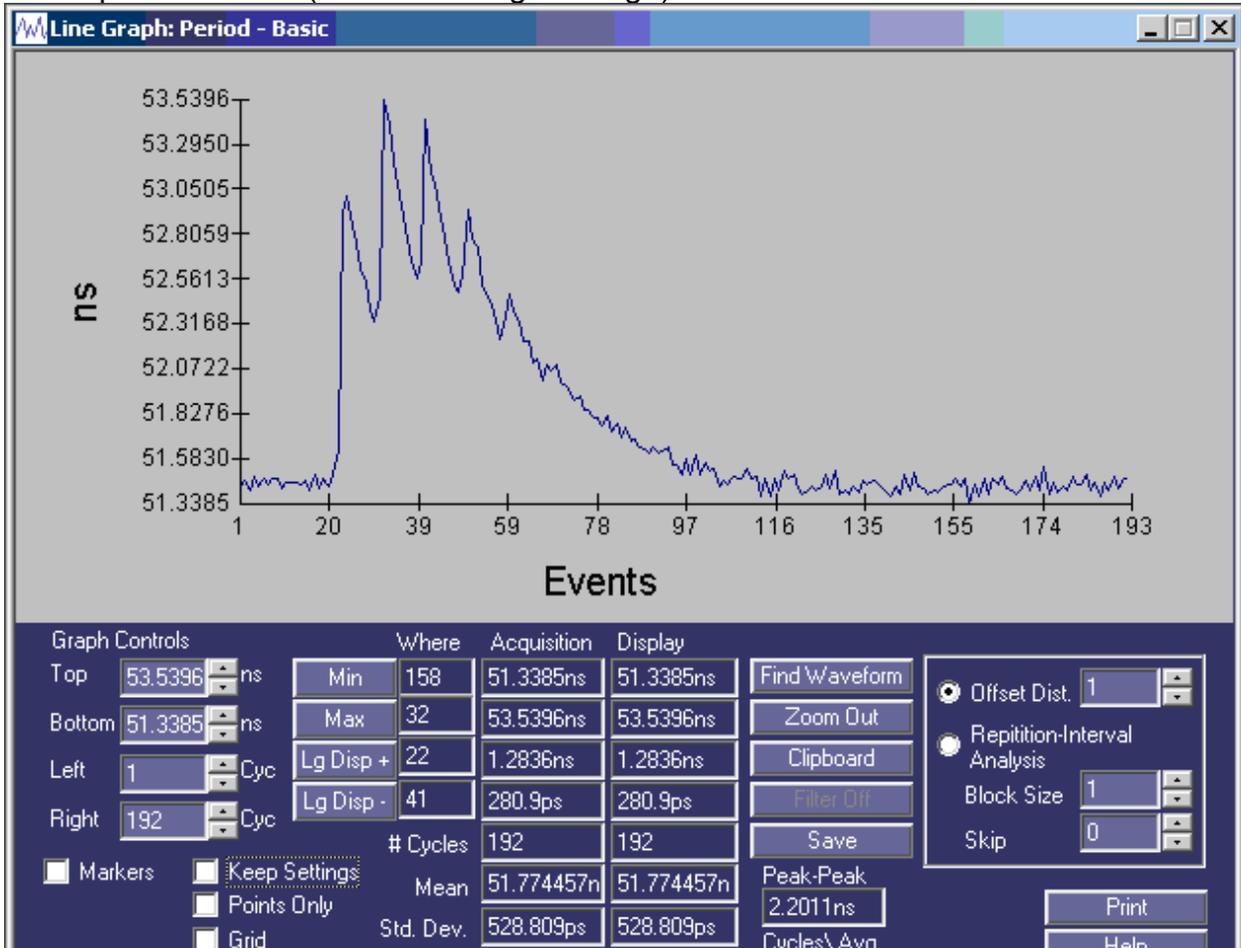
Phase shift: 180 deg	CLKA	CLKC
min period (ns)	121.71	51.34
max period (ns)	125.83	53.54
period delta	4.12	2.2
max freq (MHz)	8.21625175	19.4779899
min freq (MHz)	7.94723039	18.6776242
freq delta	0.26902136	0.80036567
nominal freq (MHz)	8.192	19.44
Jitter, C-C, max (ns)	3.29	1.28
settle time (us)	12+	5

CLKA period vs time (20 us total edge to edge)





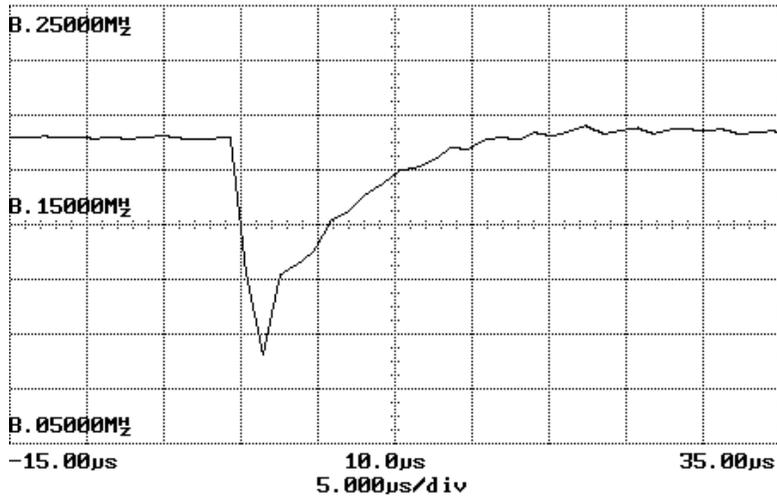
CLKC period vs time (10 us total edge to edge)





CLKA response to ref phase change, measured on HP 53310A

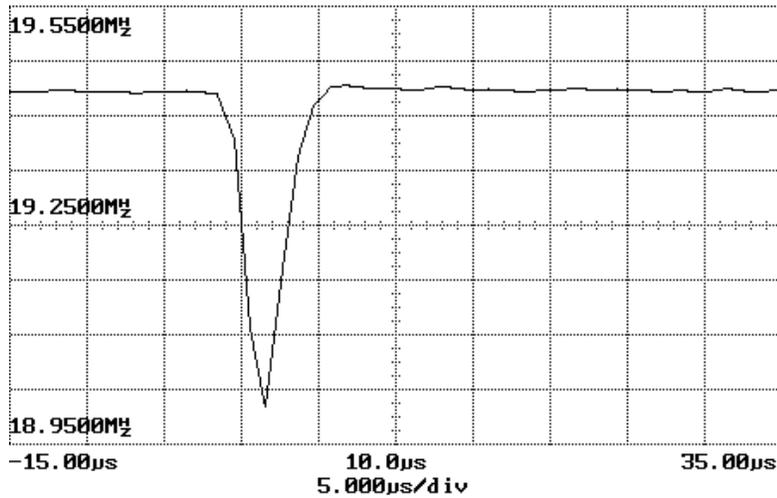
(Ap) Freq A t1k only
waiting for trigger



Pk-Pk	104.69kHz	Mean	8.179891MHz
Min	8.09063MHz	Max	8.19531MHz

CLKC response to ref phase change, measured on HP 53310A

(Ap) Freq A t1k only
waiting for trigger



Pk-Pk	440.6kHz	Mean	19.41105MHz
Min	19.0016MHz	Max	19.4422MHz