

LINAC COMMISSIONING FORM

24-sep-2001

Major Category : CCL

Sub-Category : Beam sub-category for CCL module 1

Sub-System : TOF (Time-of-flight) energy centroid

Objective : To find the centroid energy of the output beam from CCL module 1

Requested by : Jim Stovall (LANL) and Dong-o Jeon (SNS)

Date Proposed :

Estimated Time to Complete : 3 shifts

Estimated Manpower to Complete : 9 man-shifts

Priority/Order: low / 3

Basic Equipment Needs : Fully functioning components up to DTL Tank 6 and
BPMs

Special Equipment Needs : None

Software/Application needs : Standard EPICS / C.A. Plotting programs

Input Beam Requirements : full current beam up to 50 μ s at 1Hz

Other prerequisites : T.B.D.

Correlations Sought : time-of-flight between two BPMs

Procedure : measure the time-of-flight from the two down-stream BPMs

Supporting Computations:

Problems Expected:

Comments:

Date Completed LANL:

Date Completed ORNL:

Results:

Problems Encountered:

