

LINAC COMMISSIONING FORM

24-sep-2001

Major Category : CCL

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

Sub-System : rf set-point

Objective : To find the rf set-point of the CCL module 1 using
Delta T/phase scan technique

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

Date Proposed :

Estimated Time to Complete : 12 shifts

Estimated Manpower to Complete : 36 man-shifts

Priority/Order: high / 1

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 : Beam phases between measurement and the model

Procedure : fitting measured beam phases to the model

Supporting Computations:

Problems Expected:

Comments:

Date Completed LANL:

Date Completed ORNL:

Results:

Problems Encountered: