

LINAC COMMISSIONING FORM

24-sep-2001

Major Category : SCL

Sub-Category : Beam sub-category

Sub-System : rf set-point

Objective : To find the rf set-point of cavities

Requested by : Jim Stovall, L.Young (LANL) and Dong-o Jeon (SNS)

Date Proposed :

Estimated Time to Complete : 18 shifts

Estimated Manpower to Complete : 54 man-shifts

Priority/Order: high / 2

Basic Equipment Needs : Fully functioning components up to CCL and
Pick-up loops

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 : transient signal from cavities due to beam

Procedure : calibrate rf phase and amplitude based on beam transient signal

Supporting Computations:

Problems Expected:

Comments:

Date Completed LANL:

Date Completed ORNL:

Results:

Problems Encountered:

