

LINAC COMMISSIONING FORM

24-Sep-2001

Major Category : DTL Tank 2-6

Sub-Category : Beam sub-category for DTL Tank 2

Sub-System : Beam profiles

Objective: To obtain beam profiles vs. quad scan and
to validate transverse matching condition

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

Date Proposed : January 2004

Estimated Time to Complete : 3 shifts

Estimated Manpower to Complete : 9 man-shifts

Priority/Order: high / 3

Basic Equipment Needs : Fully functioning components up to DTL Tank 1

Special Equipment Needs : None

Software/Application needs : T.B.D.

Input Beam Requirements : Beam up to 50 μ s pulse up to full current

Other prerequisites : None

Correlations Sought : Beam profiles vs. MEBT matching quad scans

Procedure: Measuring beam profile while varying MEBT matching quads

Supporting Computations : None

Problems Expected :

Comments:

Date Completed LANL:

Date Completed ORNL:

Results:

Problems Encountered:

