

LINAC COMMISSIONING FORM

20-Sep-2001

Major Category: DTL Tank 2-6

Sub-Category: Transmission DTL Tank 5

Sub-System : Beam

Objective: Optimize/finetune transmission of tank 5

Requested by: E.Tanke

Date Proposed: January 2004

Estimated Time to Complete: 2 shifts

Estimated Manpower to Complete: 4 man-shifts

Priority/Order: high/4

Basic Equipment Needs : Fully functional FE, Tank1,2,3,4&5, BLM

Special Equipment Needs: none

Software/Application needs: Standard EPICS/C.A. plotting program

Input Beam Requirements: 56.5 MeV, 36 mA peak, 0.05 ms, 1 Hz

Other prerequisites: *t.b.d.*

Correlations Sought: Tank 5 transmission as a function of steering/tank 4,5 setpoints

Procedure: Plot transmission through scanning of abovementioned parameters

Supporting Computations: *t.b.d.*

Problems Expected:

Comments:

Date Completed LANL:

Date Completed ORNL:

Results:

Problems Encountered: