

Minutes RF structure meeting 09.12.2008

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PIMS

- simulation results for the PIMS wave guide coupler; estimation of losses in the coupler is similar to a calculation done in Grenoble. (RolfWegner)

DTL (see SPL/DriftTubeLinac/PrototypeMeasurements, SPL/DriftTubeLinac/PrototypeSimulations))

- Q measurements with the same waveguide of CCDTL. Results have to be checked, if the measured Q value is that of cavity or that of the waveguide by short-cutting the waveguide. (GiovanniDeMichele)
- Results of 3D Post Coupler simulations: accelerating field on the beam axis with PCs inserted.
- 3D Simulation with thin rings simulating the join points of the DTL (end-cups and end-plates) to understand the low Q value of prototype.
- SUPERFISH simulation to validate perturbation in equivalent circuit model. (FrancescoGrespan)

HOM

- First longitudinal beam simulations with operation mode to be benchmarked against SUPERFISH (MarcelSchuh)

-- MarcelSchuh - 09 Dec 2008

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