

TECHNICAL REPORTS (TR) 2008-09

Microcontroller based Amplitude and Phase Control Prototype Loop of High Power RF Source for ICRH System for Fusion Grade Tokomaks

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IPR/TR-143/2008 (AUGUST, 2008)

An Experimental Setup for the Systematic Study of the Expansion Dynamics of Laser-Blow-Off Plasma Plume in Variable Transverse Magnetic Field

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IPR/TR-144/2008 (SEPTEMBER, 2008)

Two-Point Correlation Reflectometer on SST-1 Tokamak

NIRAV Y. JOSHI and P.K. ATREY

IPR/TR-145/2008 (SEPTEMBER, 2008)

Development of High Power Coaxial Vacuum Window for ICRF

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IPR/TR-146/2008 (OCTOBER, 2008)

Testing of Cryogenic Bellows for Supply and Return Cryogenic Transfer Lines for SST-1

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IPR/TR-147/2008 (OCTOBER, 2008)

Design, development and testing of de-mountable vacuum compatible seals at cryogenic temperature (77K and 4.2K)

RAJIV SHARMA, B. SARKAR, Y.C. SAXENA and CRYOGENIC GROUP

IPR/TR-148/2008 (OCTOBER, 2008)

Testing & Optimization of the Matching Response Time for the Real Time Feedback Controlled ICRH Automatic Matching Network (AMN) System of SST-1 with Hybrid Coupler & Total Transmission Line

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IPR/TR-149/2008 (DECEMBER, 2008)

Design, Fabrication and Testing of Pressurized Co-axial Directional Coupler for High RF Power Measurements for SST-1 ICRH System

DHARMENDRA RATHI, RAJ SINGH, S.V. KULKARNI and ICRH-RF GROUP

IPR/TR-150/2008 (DECEMBER, 2008)

Installation and Testing of 1000A Power Supply for Superconducting Loads

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IPR/TR-151/2009 (MARCH, 2009)