

TECHNICAL REPORTS (TR) 2009-10

Installation and Testing of a J_c Measurement Facility for Superconducting Strands with a 12T Superconducting Background Field Solenoid at IPR

UPENDRA PRASAD, A.N.SHARMA, D.PATEL, J.PARMAR, S.KEDIA, PANKAJ VARMORA , J.C PATEL, A.M. BAPAT and S.PRADHAN

IPR/TR-152/2009 (APRIL, 2009)

Design, Development and Testing of Electromagnet Yoke Assembly for Fast Ferrite Tuner for Antenna Plasma Matching in ICRH Experiments on SST-1 Tokamak

R.A. YOGI, Y.S.S. SRINIVAS, D. RATHI, S. DANI, S.V. KULKARNI, D.BORA and ICRH-RF Group

IPR/TR-153/2009 (APRIL, 2009)

Generation of Multiple Analog Pulses with Different Duty Cycles within VME Control System for ICRH Aditya System

RAMESH JOSHI, MANOJ SINGH, H. M. JADAV, KISHOR MISRA, S. V. KULKARNI & ICRH-RF GROUP

IPR/TR-154/2009 (JULY, 2009)

Development of PLC based System for Monitor and Control of Power Supplies of 2-200 kW RF Amplifier Stages

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IPR/TR-155/2009 (JULY, 2009)

Nondestructive Test of Brazed Cooling Tubes of Prototype Bolometer Camera Housing using Active Infrared Thermography

KUMUDNI TAHILIANI, SANTOSH PANDYA, SHWETANG PANDYA, R. JHA and J. GOVINDARAJAN

IPR/TR-156/2009 (SEPTEMBER, 2009)

SST-1 Information Management System (SIMS)

MANISHA BHANDARKAR, HARISH MASAND, AVEG KUMAR, HITESH CHUDASAMA, KIRTI MAHAJAN, D. CHENNA REDDY, S.PRADHAN and SST-1 OPERATION & CONTROL GROUP

IPR/TR-157/2009 (OCTOBER, 2009)

Prototype of ICRH DAC Client Software using Dot Net Technology running on Linux Environment

RAMESH JOSHI, H M JADAV, MANOJ PARIHAR, S V KULKARNI & ICRH GROUP

IPR/TR-158/2009 (NOVEMBER, 2009)

Installation, Commissioning and Operation of Versatile Machine for TF Coil Winding Pack Case Modification in SST-1 Hall

UPENDRA PRASAD, A.N. SHARMA, VISHAL SUTHAR, ARUN PANCHAL and S. PRADHAN

IPR/TR-159/2009 (NOVEMBER, 2009)

Performance Study of Strain Gauge Displacement Transducer at Various Cryogenic Temperatures
DIPAK PATEL, Y. KHRISTI, F. KHAN, S. KEDIA, A.N. SHARMA, U. PRASAD and S. PRADHAN

IPR/TR-160/2009 (DECEMBER, 2009)

Study and Conceptual Design of Time Synchronization System for SST-1
HARISH MASAND, MANISHA BHANDARKAR, AVEG KUMAR, HITESH CHUDASAMA, KIRTI MAHAJAN, S. PRADHAN and SST-1 OPERATION & CONTROL GROUP

IPR/TR-161/2009 (DECEMBER, 2009)

I-V Characteristics, Minimum Quench Energy and Normal Zone Propagation Studies of Forced Flow Gas Cooled YBCO Tape

ANANYA KUNDU, PIYUSH RAJ, SUNIL KEDIA, YOHAN KHRISTI, DIPAK PATEL and S.PRADHAN

IPR/TR-162/2010 (MARCH, 2010)

Signal Conditioning Electronics for Measurement of Stresses in SST-1 TF Coil

YOHAN KRISTI, KALPESH DOSHI, SUNIL KEDIA, A.N. SHARMA, UPENDRA PRASAD and SUBRATA PRADHAN

IPR/TR-163/2010 (MARCH, 2010)