

TECHNICAL REPORTS (TR) 2007-08

Calculation of Ac Losses in Commercial Grade Bi(2223) Tape by Ac Susceptibility Technique

PROMODA KUMAR NAYAK, U. PRASAD, A.N. SHARMA, S. KEDIA, D. PATEL, Y. KRISTI, V. AMIN AND S. PRADHAN

IPR/TR-130/2007 (MAY, 2007)

Design, Fabrication and Testing Of UHV Compatible High Power RF Devices for Lower Hybrid Current Drive System on Sst-1 Tokamak

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IPR/TR-131/2007 (JUNE, 2007)

1.5K Shunt Mode Low Capacitance Active Ripple Regulator for Screen Grid Power Supply of 200KW, 91.2MHZ Tetrode Amplifier

AGRAJIT GAHLAUT, N. RAJAN BABU, Y.S.S. SRINIVAS, D.S. BHATTACHARYA, AZAD SING MAKWANA, AVINASH SULE, NARENDRA SHAH, S.V. KULKARNI AND R.F. GROUP

IPR/TR-132/2007 (AUGUST, 2007)

A Low Cost, Reliable Technique for Frequency Measurement

K.SATHYANARAYANA, B.K. SHUKLA, P. CHATTAPADHYAY, D. PUROHIT, H. PATEL, R. BABU, M. KUSHWAH, K.G. PARMAR, PRAGNESH D., P. BISWAS AND Y.C. SAXENA

IPR/TR-133/2007 (AUGUST, 2007)

Low Resistance Measurements in Cryogenic Temperature

YOHAN KHRISTI, P.K. NAYAK, K. DOSHI, V. AMIN, S. KEDIA, A.N. SHARMA, U. PRASAD, D. PATEL, DINESH PATEL AND S. PRADHAN

IPR/TR-134/2007 (SEPTEMBER, 2007)

Signal Conditioning Electronics for Strain Gauge Transducer and Displacement Transducer

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IPR/TR-135/2007 (SEPTEMBER, 2007)

Study of AC Susceptibility in Commercial Grade Mgb₂ Tape

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IPR/TR-136/2007 (OCTOBER, 2007)

Real Time Acquisition System for High Power Klystron Tube Employed for Lower Hybrid Current Drive for Sst-1 Tokamak

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IPR/TR-137/2007 (OCTOBER, 2007)

Design and Development of "Microcontroller Based Variable Voltage, Variable Frequency Regulated High Voltage Power Supply" for Plasma Perturbation Experiments

NILOHIT PRATAP SINGH, AGRAJIT GAHLAUT, N. RAJAN BABU, S.V. KULKARNI, RF Group and ABHIJIT SEN

IPR/TR-138/2007 (OCTOBER, 2007)

Testing and Optimization of the Matching Response Time for the Real Time Feedback Controlled ICRH-Automatic Matching Network (AMN) System of SST-1

MANOJ SINGH, KUMAR RAJNISH, RAMESH JOSHI, H.M. JADAV, SIJU GEORGE, RAJ SINGH, RITESH SUGANDHI, D. PUROHIT, S.V. KULKARNI and ICRH Group

IPR/TR-139/2007 (NOVEMBER, 2007)

Design and Development of Detector Signal Conditioning Electronics for SST-1 Thomson Scattering System
ARUNA THAKAR, AJAI KUMAR, JINTO THOMAS and CHHAYA CHAVDA
IPR/TR-140/2007 (DECEMBER, 2007)

Design and Fabrication of a High Temperature Furnace with Maximum Temperature of 9000C
PRAMODA K. NAYAK, U. PRASAD, D. PATEL and S. PRADHAN
IPR/TR-141/2007 (DECEMBER, 2007)

Data Acquisition System for Plasma Facing Components of SST-1 Tokamak
ARUN PRAKASH. A, S. KHIRWARDKAR and FIRST WALL GROUP
IPR/TR-142/2008 (FEBRUARY, 2008)