



TEST REPORT

Electronics Test & Development Centre

STQC Directorate

Ministry of Communications & Information Technology


Government of India

Thiruvanmiyur, Chennai 600 041.

Phone : (044) 2448 3638, 2448 3773, 2448 3893, 2448 2911

Fax : (044) 2448 3713, 2448 3638

email : etdccn@md3.vsnl.net.in

ELECTRONICS TEST & DEVELOPMENT CENTRE, CHENNAI STQC DIRECTORATE, DEPARTMENT OF INFORMATION TECHNOLOGY GOVT. OF INDIA		 NABL ACCREDITED LABORATORY
REPORT NO: ETDC (CN)/2004/ 11740	PAGE 01 OF 03	
TEST REPORT ON: SLAVE CLOCK (GPS BASED MASTER CLOCK SYSTEM)	DATE: 03.09.2004	

1.1 Service Request No. **5049/2004-05**

1.2 Name and Address of Client
M/s. SERTAL ELECTRONICS (P) LTD
377, NEHRUNAGAR 1st CROSS STREET
OLD MAHABALIPURAM ROAD
CHENNAI- 600 096

1.3 Description and identification of Test sample(s)
NAME : SLAVE CLOCK(GPS BASED MASTER CLOCK SYSTEM)
MAKE : SERTEL
MODEL : T-SL-300-100-6D
SL.NO :30-04H-247

1.4 Date
Received Date: 02/092004 Test Completed Date: 03/09/2004

1.5 No. of Sample(s) tested **1**

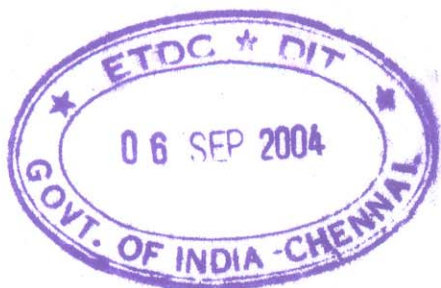
1.6 a) Standard/ Test procedure Reference
As per IS-13947 specification.
IP 55 Test Cat-II

b) Scope Partial testing Calibration


1.7 Major equipment used and traceability details

Sl. No	Equipment used	Uncertainty (Best case)	Calibration Agency/ Report Reference.	Valid up to
1.	Dust chamber, Kasco	----	-----	-----

The measurements carried out using the above equipment are traceable to national standards.



R. SATHYANARAYANAN
R. SATHYANARAYANAN
Scientist 'C'
ELECTRONICS TEST AND DEVELOPMENT CENTRE
Department of Information Technology
Govt. of India, Chennai - 600 041.
AUTHORISED SIGNATORY

ELECTRONICS TEST & DEVELOPMENT CENTRE, CHENNAI STQC DIRECTORATE, DEPARTMENT OF INFORMATION TECHNOLOGY GOVT. OF INDIA		 NABL ACCREDITED LABORATORY
REPORT NO: ETDC (CN)/2004/ 11740	PAGE 02 OF 03	
TEST REPORT ON: SLAVE CLOCK (GPS BASED MASTER CLOCK SYSTEM)		

2.0 TEST RESULT


Laboratory ambient: Temperature & Humidity: Uncontrolled

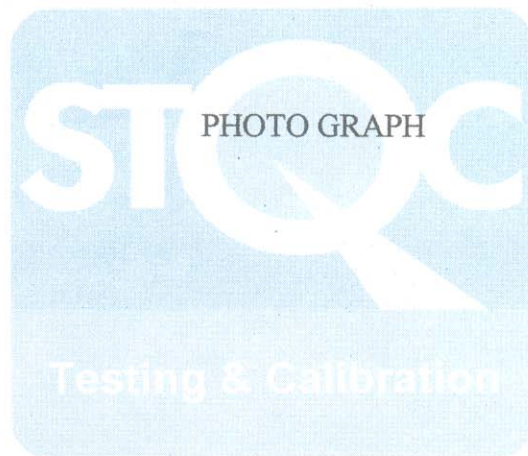
Sl. No	Cl.No.	Specification / Requirement	Result	Remarks
2.1	-----	Dust protected (IP-5X) Duration: 8 h Shall prevent ingress of dust in quantities and locations that would interfere with the intended operation.	No dust entered inside the sample	NA
		Protected against water jets (IP-X5) Distance: 3 mts Nozzle: 6.3mm Duration: 3 min Water projected by a nozzle against the enclosure from any direction shall have no harmful effect.	Droplets of water entered inside the sample	NA
		After the test the clock shall function	Clock functioned satisfactorily	P

P→ Passed (Meets requirement)
F→ Failed (Does not meet requirement)
NA→ Limits of performance not applicable



AUTHORISED SIGNATORY
R. SATHYANARAYANAN
Scientist 'C'
ELECTRONICS TEST AND DEVELOPMENT CENTRE
Department of Information Technology
Govt. of India, Chennai - 600 041.

ELECTRONICS TEST & DEVELOPMENT CENTRE, CHENNAI STQC DIRECTORATE, DEPARTMENT OF INFORMATION TECHNOLOGY GOVT. OF INDIA		 NABL ACCREDITED LABORATORY
REPORT NO: ETDC (CN)/2004/ 11740	PAGE 03 OF 03	
TEST REPORT ON: SLAVE CLOCK (GPS BASED MASTER CLOCK SYSTEM)	DATE: 03.09.2004	



AUTHORISED SIGNATORY
R. SATHYANARAYANAN
Scientist 'C'
ELECTRONICS TEST AND DEVELOPMENT CENTRE
Department of Information Technology
Govt. of India, Chennai - 600 041.