



TEST REPORT

Electronics Test & Development Centre

STQC Directorate

Ministry of Communications & Information Technology

Department of Information Technology

Government of India

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ELECTRONICS TEST & DEVELOPMENT CENTRE, CHENNAI STQC DIRECTORATE, DEPARTMENT OF INFORMATION TECHNOLOGY GOVERNMENT OF INDIA	
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TEST REPORT ON G.P.S. RECEIVER	DATE OF ISSUE: 27.01.2006

1.1	Service Request No.	7767/2005-06		
1.2	Name and address of Client	M/s Sertel Electronics Pvt Ltd,		
		Old Magabalipuram Road,		
		Chennai-96.		
1.3	Description & Identification of Test Sample(s)	Nomenclature:	G.P.S. Receiver	
		Make:	SERTEL	
		Model:	T-GPS-300	
		Sl.No.	90-05K-128	
1.4	Sample(s)	Received Date: 25.01.2006	Test Completed Date: 25.01.2006	
1.5	Testing performed at	Centre		
1.6	No. of sample(s) tested	1 (One)		
1.7	Standard/Test Procedure	As per Customer Specification		
	Scope	Partial Testing 1. Vibration Testing		
1.8	Major Equipment used and traceability Details			
Sl. No.	Equipment Used	Uncertainty (Best Case)	Calibration Reference/ Report Agency	Valid up to
1	Vibration Test System, SD	2.5%	Mfr. Cal Report No. 2005-06/EDVSS/ETDC/205	18.9.2006

The measurement carried out using the above equipment, are traceable to National standards




 AUTHORISED SIGNATORY
R. SATHYANARAYANAN
 Scientist 'D'
ELECTRONICS TEST AND DEVELOPMENT CENTRE
 MINISTRY OF COMMUNICATIONS & IT

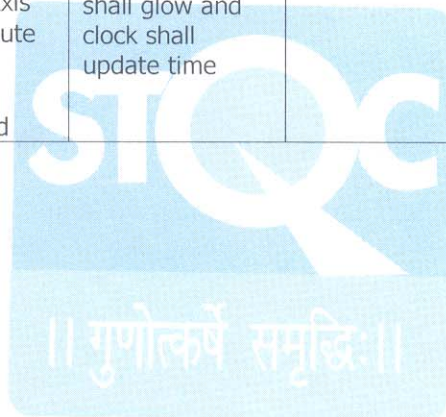


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2.0 TEST RESULTS:

LABORATORY AMBIENT	TEMPERATURE: 25 ± 2.5°C	RH: 35% to 65%
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S1. No.	Cl. No.	Specification/Requirement	Results	Remarks
2.2	--	Vibration (Sine) Test Frequency: 10 – 55 Hz Displacement: ± 0.35 mm Duration: 45 minutes/Axis Sweep Rate: 1 Oct/minute No. of sweep: 10/Axis Axis: 3 (X, Y & Z) Condition: Un-energized	After the test, HH, MM, SS LCD shall glow and clock shall update time Complied	P



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

(Signature)
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ELECTRONICS TEST AND DEVELOPMENT CENTRE
 MINISTRY OF COMMUNICATIONS & IT
 DEPARTMENT OF INFORMATION TECHNOLOGY
 GOVT. OF INDIA, CHENNAI-600 041.

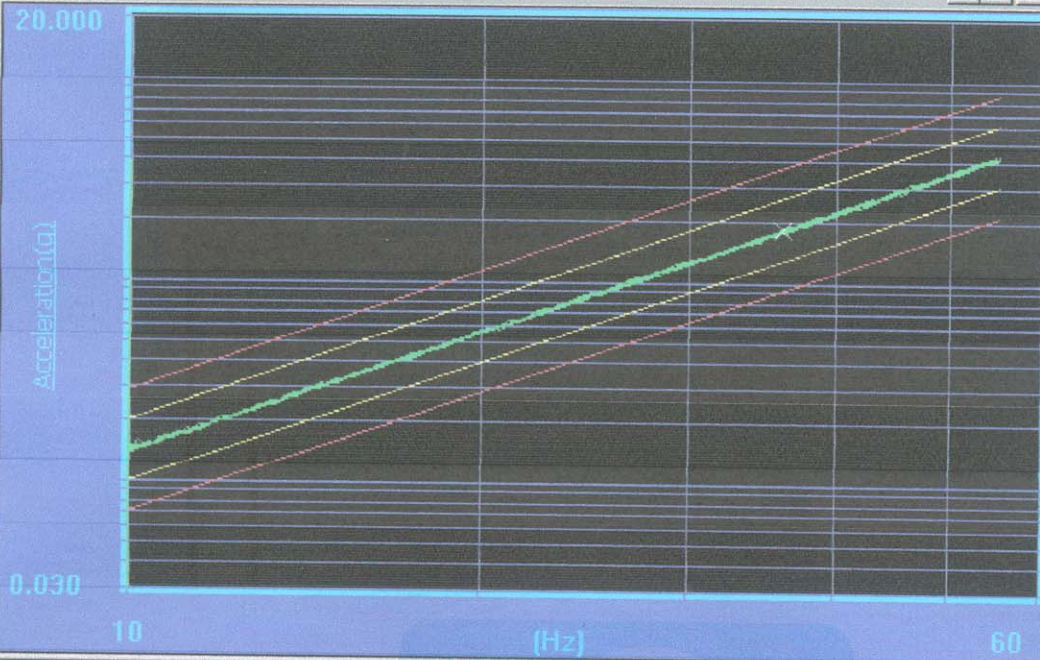
DEFAULT FILE FOR SINE VIBRATION CONTROL
CH-1 AS INPUT IN SWEEP MODE CONTROL

Control Mode : Average
Control Channel : 1
Monitor Channel : 1

Time: 16:22:18
Elapsed: 00:13:06



18417.SMC - Control channel graph



Sine

NABL ACCREDITED LABORATORY

Resume

Run

Run

Hold Sweep

DumpScr

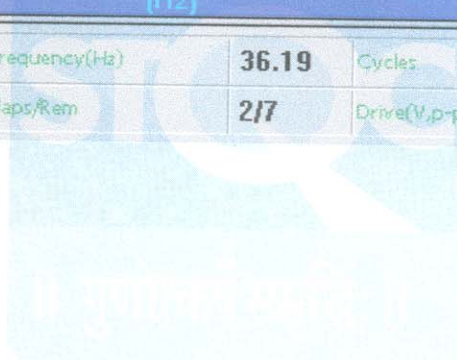
View

Stop

Exit

CH1
0.70

Reference Level (mm,p-p)	0.70	Frequency(Hz)	36.19	Cycles	2.2e+04
Control Level (mm,p-p)	0.70	Elaps/Rem	2/7	Drive(V,p-p)	0.71



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