

Laboratory ADTL SR&DC Test Lab, 09, Service Road, Hall 2 Stage Indiranagar, Bengaluru, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6540

Page 1 of 2

Validity 15.11.2017 to 14.11.2019

Last Amended on 27.12.2018

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
-----	----------------------------	-------------------------	---	--

**ELECTRONICS TESTING**

<b>I. ENVIRONMENTAL TEST FACILITY</b>				
1.	<b>Electrical &amp; Electronics Sub Systems</b>	Low Temperature	JSS 55555:2000 : Revision No.2 2012 : Revision No.3,Test No. 20 MIL-STD-810 F, Method 502.4 F MIL-STD-810 G, Method 502.5 G IS 10236 (Part 3) :1989,RA 2010	Upto (-) 70° C Work space (L X W X H) 1000 mm X 1000 mm X 1000 mm
		High Temperature	JSS 55555:2000 : Revision No.2 2012 : Revision No.3,Test No. 17 MIL-STD-810 F, Method 501.4 F MIL-STD-810 G, Method 501.5 G IS 10236 (Part 2) : 1989,RA 2010	Upto 180°C Work space (L X W X H) 1000 mm X 1000 mm X 1000 mm
		Damp Heat (Humidity Test)	JSS 55555:2000 : Revision No.2 2012 : Revision No.3,Test No. 10 MIL-STD-810 F Method 507.4 F MIL-STD-810 G Method 507.5 G IS 10236 (Part 4) : 1989,RA 2010	15 % RH to 95 % RH 25 °C to 65 °C Work space (L X W X H) 1000 mm X 1000 mm X 1000 mm
		Damp Heat Cycling	IS 10236 (Part 5) : 1989,RA 2010	15 % RH to 95 % RH at 25°C to 65°C Work space (L X W X H) 1000 mm X 1000 mm X 1000 mm
		Vibration (Sine, Random)	JSS 55555:2000 : Revision No.2 2012 : Revision No.3,Test No. 28 MIL-STD-810 F Method 514.5 F MIL-STD-810 G Method 514.6 G IS 10236 (Part 11) : 1989,RA 2010	5 Hz to 2400 Hz Upto 2000 kgf (Peak sine) Upto 2000 kgf (Random) Max Displacement : 1 mm to 48 mm (P-P) Max Acceleration 1g to 60 g (P-P) Table Size: 800 mm X 800 mm

**Nand Kumar**  
Convenor

**Battal Singh**  
Program Manager

Laboratory ADTL SR&DC Test Lab, 09, Service Road, Hall 2 Stage Indiranagar, Bengaluru, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6540

Page 2 of 2

Validity 15.11.2017 to 14.11.2019

Last Amended on 27.12.2018

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Shock ( Electrodynamic Shaker )	JSS 55555:2000 : Revision No.2 2012 : Revision No.3, Test No. 24 MIL-STD-810 F Method 516.5 F MIL-STD-810 G Method 516.6 G IS 10236 (Part 12) : 1989, RA 2010	Half Sine, Saw Tooth & Triangular Pulse Width: 6 ms to 30 ms Acceleration: 2 g to 60 g Table Size: 800 mm X 800 mm
		Bump	JSS 55555:2000 : Revision No.2 2012 : Revision No.3, Test No. 5 IS 10236 (Part 10) : 1989, RA 2010	Peak Acceleration Upto 65 g Pulse 6 ms Peak Acceleration Upto 50 g Pulse 11 ms Half Sine Table Size: 600 mm x 600 mm
		Rain	JSS 55555:2000:Revision No.2 2012 : Revision No.3, Test No. 12 MIL-STD-810 F Method 506.4 F MIL-STD-810 G Method 506.5 G IS 10236 (Part 14) : 1989, RA 2010	250 mm of Rain Fall per hour (for 1 m <sup>3</sup> of Test Volume) 700 kPa Chamber Volume: (W X D) 900 mm X 900 mm

Nand Kumar  
Convenor

Battal Singh  
Program Manager