

*Universal Serial Bus Implementers Forum
Compliance Test Report*

Hino Motors, Ltd.

Embedded Host

2015/11/4



USB Implementers Forum, Inc.
Approved Testing Laboratory
Facility# 1954

XXCAL JAPAN
TESTING LABORATORIES

● **USB Test Configuration**

Start Test Date: **2 Nov 2015**
 Company Name: **Hino Motors, Ltd.**
 Product Name: **Embedded Host**

USB Product Type	Embedded Host	Downstream Maximum Speed	Hi-speed
Power Type	Self-powered	Number of Downstream ports	1
Battery Charging 1.2	Other BC spec supports	Product Configuration	Single
Connector Type	Standard-A receptacle	Tested Laboratory	XXCAL Japan Inc.
Product Functions	N/A		
Upstream Maximum Speed	N/A	Test Result	なし

● **Summary of Performed Test (Detail)**

Peripheral Port		
Base Test		
	Full/Low-speed Signal Quality Test	N/A
	Inrush Current Test	N/A
	Backdrive Voltage Test	N/A
	Chapter 9 Test_2.0CV	N/A
	Device Specific Test_2.0CV (HID / MSC / UVC /HUB)	N/A
	Unconfigured Current Test	N/A
	Configured Current Test	N/A
	Operating Current Test	N/A
	Suspend Current Test	N/A
	Powered Suspend Current Test	N/A
	Battery Charging 1.2 Implement Check; PET Result	N/A
	Battery Charging 1.2 Portable Device Check(Ch6); PET Result	N/A
	Bypass Capacitance Check; PET Result	N/A
	Interoperability Test	N/A
Hi-Speed Test Electrical Test		
	Hi-speed Signal Quality Test	N/A
	Device Packet Parameters Test	N/A
	Device Chirp Timing Test	N/A
	Device Suspend/Resume/Reset Timing Test	N/A
	Device Test_J/K, Test_SE0 NAK Test	N/A
	Device Receiver Sensitivity Test	N/A
Additional USB 3.0 Compliance Requirement for USB 2.0 Based Certified Products		
	Enumeration Test	N/A
	Chapter 9 Test	N/A
	Device Specific Test (HID / MSC / UVC /HUB)	N/A
Embedded Host Port		
Embedded Host Base Test		
	Full/Low-speed Downstream Signal Quality Test	Pass
	Drop / Droop Test	Pass
	Embedded Host Interoperability Test (Peripheral / Hub Operation Test)	保留
	No Silent Failure	Fail
	Battery Charging 1.2 Implement Check; PET Result	Pass
	Battery Charging 1.2 CDP Test; PET Result	Fail
	Chapter 6 Test. Embedded Host Automation Test; PET Result	Fail
Embedded Host Hi-speed Test		
	Hi-speed Downstream Signal Quality Test	Pass
	Host Controller Packet Parameters Test	Pass
	Host Chirp Timing Test	Pass
	Host Suspend/Resume Timing Test	N/A
	Host Test_J/K, Test_SE0 NAK Test	Pass

WP = Waiver Granted Pass, N/A = Not Applicable

● **Test Equipments**

Test Procedures	<ul style="list-style-type: none"> • Full and Low Speed Electrical and Interoperability Compliance Test Procedure Rev1.3 • High-Speed Electrical Test Specification Version 1.03 • High-Speed Electrical Test Procedures for Agilent Test Equipment DSO80000A/B series, 548XXA series, Infiniium 90000 series and Infiniium 9000 series oscilloscopes using the N5416A USB 2.0 Compliance Test SW. • USB-IF Embedded Host Compliance Plan, Revision 1.0, August 2006 • USB-IF Compliance Updates • USB Battery Charging 1.2 Compliance Plan (Revision 1.0) • USB On-The-Go and Embedded Host Automated Compliance Plan for the On-The-Go& Embedded Host Supplement Revision2.0 Version 1.2
Oscilloscope	Agilent Technologies/DSO90254A USB Test Application:N5416A Ver 3.80
Protocol and Electrical Tester	Packet-Master USB-PET Ver 4.56 Scripts OTG 2.0 Rel:1.2.1.1, BC 1.2 Rel:1.2.1.2