

Wireless USB Product Test Matrix

Wireless USB Product	Wireless USB Tests	USB 2.0 upstream port	Exposed USB 2.0 Downstream ports	Cable Based Association	Numeric Association	WiMedia
WHCI	1, 2, 7, 8					14
HWA	1, 2, 5, 7, 8	9, 10, 11, 12				14
WUSB Device	1, 2, 7, 8	9, 10, 11, 12		13	6	14
DWA	1, 2, 3, 4, 7, 8	9, 10, 11, 12	9, 10	13	6	14
DWA w/USB2.0 Hub function*	1, 2, 3, 4, 7, 8	9, 10, 11, 12	9, 10, 11, 12	13	6	14
Integrated Host End Product	2, 7, 8					14
HWA Dongle End Product	2, 7, 8	9, 10, 11, 12				14
Device End Product	1, 7, 8	9, 10, 11, 12		13	6	14
DWA End Product	1, 7, 8	9, 10, 11, 12	9, 10	13	6	14

Wireless USB Tests		USB 2.0 tests	
Wireless Gold Suite	1. Wireless USBCV Tests	USB2.0 Electrical Suite	9. Full-Speed Electrical Tests
	2. Wireless USB Interoperability Tests		10. High-Speed Electrical Tests
	3. DWACV Tests	USB 2.0 Gold Suite	11. Interoperability Tests
	4. DWA Downstream Interoperability		12. Functional Tests
	5. HWACV Tests		13. USBCV-CBAF Tests
	6. Numeric Association Tests	WiMedia	14. WiMedia Platform tests
Wireless USB EVM Suite	7. Radio Frequency Error Vector Magnitude (RF EVM)		
	8. Antenna Orientation - Packet Error Rate		

* DWA w/USB2.0 Hub function also requires vendor to complete USBHTT Testing for new silicon

Device Test Scorecard

Date:

Vendor Name:
Device Type:
TID:
USB-IF VID:
Wireless Product PID:
Test Device Identification or SN:
Revision:
Date Hardware Received:

	Percentage:	Completed	Pass	Fail
1. Wireless USBCV Tests				
2. Wireless USB Interoperability Tests: Windows XP				
3. Wireless USB Interoperability Tests: Windows VISTA				
4. Association Tests				
5. Radio Frequency Error Vector Magnitude (RF EVM)				
6. Radio Frequency Packet Error Rate (RF PER)				
7. Wired Electrical Tests				
8. Wired Interoperability Tests				
9. Wired Functional Tests (USBCV)				
10. WiMedia Platform Certification				

Overall Score	0	0	0
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DWA Device Test Scorecard

Date:

Vendor Name:
Device Type:
TID:
USB-IF VID:
Wireless Product PID:
Test Device Identification or SN:
Revision:
Date Hardware Received:

	Percentage:	Done	Pass	Fail
1. Wireless USBCV Tests				
2. Wireless USB Interoperability Tests: Windows XP				
3. Wireless USB Interoperability Tests: Windows VISTA				
4. DWACV Tests				
5. DWA Downstream Interoperability				
6. Association Tests				
7. Radio Frequency Error Vector Magnitude (RF EVM)				
8. Radio Frequency Packet Error Rate (RF PER)				
9. Wired Electrical Tests				
10. Wired Interoperability Tests				
11. Wired Functional Tests (USBCV)				
12. WiMedia Platform Certification				
Overall Score		0	0	0

HWA Test Scorecard

Date:

Vendor Name:
Device Type:
TID:
USB-IF VID:
Wireless Product PID:
Test Device Identification or SN:
Revision:
Date Hardware Received:

	Percentage:	Done	Pass	Fail
1. Wireless USBCV Tests				
2. Wireless USB Interoperability Tests: Windows XP				
3. Wireless USB Interoperability Tests: Windows VISTA				
4. HWACV Tests				
5. Association Tests				
6. Radio Frequency Error Vector Magnitude (RF EVM)				
7. Radio Frequency Packet Error Rate (RF PER)				
8. Wired Electrical Tests				
9. Wired Interoperability Tests				
10. Wired Functional Tests (USBCV)				
11. WiMedia Platform Certification				

Overall Score	0	0	0
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WHCI Test Scorecard

Date:

Vendor Name:
Device Type:
TID:
USB-IF VID:
Wireless Product PID:
Test Device Identification or SN:
Revision:
Date Hardware Received:

	Percentage:	Done	Pass	Fail
1. Wireless USBCV Tests				
2. Wireless USB Interoperability Tests: Windows XP				
3. Wireless USB Interoperability Tests: Windows VISTA				
4. WHCI Tests				
5. Association Tests				
6. Radio Frequency Error Vector Magnitude (RF EVM)				
7. Radio Frequency Packet Error Rate (RF PER)				
8. WiMedia Platform Certification				

Overall Score	0	0	0
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Integrated Host End Product Test Scorecard

Date:

Vendor Name:
Device Type:
TID:
USB-IF VID:
Wireless Product PID:
Test Device Identification or SN:
Revision:
Date Hardware Received:

	Percentage:	Completed	Pass	Fail
1. Wireless USB Interoperability Tests: Windows XP				
2. Wired Electrical Tests				
3. Wired Interoperability Tests				
4. Antenna Orientation Tests				
5. WiMedia Platform Certification				
Overall Score		0	0	0