

Section	Test #	Test Results	RC Tested	Failing DUTs	Failure Description	Issue #	Notes
Display Driver Tests	01.00.00	pass	RC1				
	01.01.01	pass	RC1				
	01.01.02	pass	RC1				See Perf Tab for results
	01.02.01	pass	RC1				
	01.03.00	pass	RC1				
	01.03.01	pass	RC1				
	01.03.02	pass	RC1				
	01.03.03	pass	RC1				
	01.04.01	pass	RC2				
	01.04.02	pass	RC2				
	01.06.01	pass	RC1				
	01.07.01	pass	RC1				
	01.07.02	pass	RC1				
Audio Output	02.01.01	pass	RC1				
Tests	02.01.02	pass	RC1				
	02.01.03	fail	RC1	all Torpedo and Torpedo + Wireless	Linux 2.0 RC3 - test 02.01.03 - Torpedo boards do not "mute"	DM37LINUX-424	The specification states 'should' not shall. AUDIO-01-007: The audio device driver should support muting the output stream
	02.02.01	pass	RC1				
	02.03.01	pass	RC1				
Wired Ethernet	03.01.02	pass	RC1				
	Tests	03.01.03	pass	RC1			
		03.01.04	pass	RC1			
		03.01.05	pass	RC1			
		03.01.06	pass	RC1			See Perf Tab for results
		03.01.07	pass	RC1			See Perf Tab for results
		03.02.01	pass	RC1			
		03.02.02	pass	RC1			
		03.03.01	pass	RC1			
		03.03.02	pass	RC1			
		03.03.04	pass	RC1			
		03.03.05	pass	RC1			
		03.03.06	pass	RC1			
		03.04.01	pass	RC1			
USB Host Tests	04.01.01	pass	RC1				
	04.01.02	pass	RC1				
	04.01.03	pass	RC1				
	04.01.04	pass	RC1				
	04.01.05	pass	RC1				
	04.01.06	pass	RC1				
	04.02.01	pass	RC1				ALCOR hub (grey) is 1.1
	04.02.02	pass	RC1				usb stick is 2.0
	04.02.03	pass	RC1				mouse is low speed
	04.02.04	pass	RC1				ALCOR hub (grey) is full speed
	04.02.05	pass	RC1				usb stick is high speed
	04.02.06	pass	RC1				
	04.02.07	pass	RC1				
	04.03.01	pass	RC1				Some USB devices can take over a minute to properly come back from suspend / resume
	04.04.01	pass	RC1				
	04.05.01	pass	RC1				
	04.06.01	pass	RC3				
Serial Tests	05.01.01	pass	RC1				
	05.01.02	pass	RC1				
	05.01.03	pass	RC1				

Section	Test #	Test Results	RC Tested	Failing DUTs	Failure Description	Issue #	Notes
	05.02.01	pass	RC1				
	05.02.02	pass	RC1				
	05.02.03	pass	RC1				
	05.02.04	pass	RC1				
	05.03.01	pass	RC1				
	05.03.02	pass	RC3				
	05.04.01	pass	RC1				
	05.05.01	pass	RC2				On Torpedo and Torpedo+Wireless, must remove jumper on J31 28&30 to run UARTC.
	05.06.01	pass	RC3				
MMC/SD Tests	07.01.01	pass	RC1				
	07.01.03	pass	RC1				
	07.01.04	pass	RC1				
	07.01.05	pass	RC1				
	07.01.07	pass	RC1				
	07.01.08	pass	RC1				
	07.02.01	pass	RC1				
	07.03.01	pass	RC3				
Touch Screen	08.01.01	pass	RC1				
Tests	08.01.02	pass	RC1				
	08.01.03	pass	RC1				
	08.01.05	pass	RC1				
	08.01.06	pass	RC1				
	08.01.07	pass	RC1				
	08.02.01	pass	RC1				
SPI Testing	09.01.01	pass	RC1				SomLV devices only
	09.02.01	pass	RC1				SomLV devices only
	09.03.01	pass	RC3				Torpedo and Torpedo+Wireless devices only
	09.04.01	pass	RC3				Torpedo and Torpedo+Wireless devices only
MTD File	10.00.00	pass	RC1				See DUT's tab for test sample rationale that shows memory combination coverage.
System Tests	10.00.01	pass	RC1				
	10.01.01	pass	RC1				
	10.01.02	pass	RC1				
	10.01.03	pass	RC1				
	10.01.05	pass	RC1				
	10.01.14	pass	RC2				
	10.02.01	pass	RC2				
	10.03.01	pass	RC1				
	10.04.01	pass	RC2				
	10.05.01	pass	RC3				
Power	11.01.01	pass	RC2				
Management	11.01.05	pass	RC2				
Tests	11.03.01	pass	RC2				
Wireless	12.01.01	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
Ethernet	12.01.02	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
Tests	12.01.03	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	12.01.04	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	12.02.01	pass	RC1				See Perf Tab for results 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	12.02.02	pass	RC1				See Perf Tab for results 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	12.03.01	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched

Section	Test #	Test Results	RC Tested	Failing DUTs	Failure Description	Issue #	Notes
	12.05.01	pass	RC2				
	12.06.01	pass	RC2				test performed on build machine.
Bluetooth Tests	13.01.01	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.01.02	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.02.01	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.02.02	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.02.03	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.03.01	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.03.02	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.04.01	pass	RC1				See Perf Tab for result 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.04.02	pass	RC1				Not applicable on SomlVs See Perf Tab for results 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.05.01	pass	RC1				This test is covered by test 13.04.01 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.05.02	pass	RC1				This test is covered by test 13.01.01 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.05.03	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.06.01	pass	RC1				-32 Torpedo+Wireless only 2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	13.06.02	pass	RC1				Torpedo+Wireless only
DSP Tests	14.01.01	pass	RC2				
	14.04.01	pass	RC2				
	14.06.01	pass	RC2				
USB OTG Tests	15.01.01	fail	RC2	all	USB OTG get a message about "Setting A Idle..." and OTG fails to work after.	DM37LINUX-750	seen and full or high speed. See release notes for more details on this issue. After review of DM37LINUX-750, it appears that the OTG functions after some period of time
	15.01.02	pass	RC2				
	15.01.03	pass	RC2				
	15.01.04	pass	RC2				
	15.01.05	pass	RC2				
	15.01.06	pass	RC2				
	15.02.01	pass	RC2				keyboard is 1.1
	15.02.02	pass	RC2				Silver USB stick is 2.0
	15.02.03	pass	RC2				keyboard is low speed
	15.02.04	pass	RC2				ALCOR hub (grey) is full speed
	15.02.05	pass	RC2				Silver USB stick is high speed
	15.02.06	pass	RC2				
	15.03.01	pass	RC2				
	15.03.02	pass	RC2				
	15.04.01	pass	RC2				
General	16.01.01	pass	RC2				
	16.01.02	pass	RC2				
	16.01.03	pass	RC2				
	16.01.04	pass	RC2				
	16.01.05	pass	RC2				
	16.02.01	pass	RC2				
	16.02.02	pass	RC2				
	16.03.01	pass	RC2				
	16.03.02	pass	RC2				
	16.06.01	pass	RC1, RC2				See DUT's tab for test sample rationale that shows why the specifically tested SOMs were selected.
	16.08.01	pass	RC2				
	16.09.01	pass	RC2				
	16.09.02	pass	RC2				
	16.09.03	pass	RC1				2021-07-27: Retested for 2.4-4 NVS/BTS Patched
	16.10.01	pass	RC2				
	16.11.01	pass	RC3				
	16.11.02	pass	RC3				



Section	Test #	Test Results	RC Tested	Failing DUTs	Failure Description	Issue #	Notes
	16.11.03	pass	RC3				
GPS	17.01.01	pass	RC2				Torpedo+Wireless only
	17.01.02	pass	RC2				Torpedo+Wireless only
LTIB Builds	18.03.01	pass	RC2				
	18.03.02	pass	RC2				had to run following commands on build machine prior to building : rm -rf rpm/BUILD, rm -rf rpm/RPMS, sudo rm -rf root*
	18.04.01	pass	RC2				
	18.06.01	pass	RC2				
	18.06.02	pass	RC2				
	18.07.01	pass	RC2				
Camera	20.01.01	fail	RC2	SomLV	Logic Tech C210 USB Webcam video seems to cut short on playback for DM37x SomLVs	<a href="#">DM37LINUX-870</a>	fails on SomLV only, no Torpedo (Torpedo tested does not have DSP)
	20.01.02	fail	RC2	SomLV	Logic Tech C210 USB Webcam video seems to cut short on playback for DM37x SomLVs	<a href="#">DM37LINUX-870</a>	fails on SomLV only, no Torpedo (Torpedo tested does not have DSP)
	20.02.01	pass	RC2				no SomLV, no Torpedo (Torpedo tested does not have DSP)
	20.02.02	pass	RC2				no SomLV, no Torpedo (Torpedo tested does not have DSP)
	20.03.01	fail	RC2	SomLV	Logic Tech C210 USB Webcam video seems to cut short on playback for DM37x SomLVs	<a href="#">DM37LINUX-870</a>	fails on SomLV only, no Torpedo (Torpedo tested does not have DSP)
	20.03.02	fail	RC2	SomLV	Logic Tech C210 USB Webcam video seems to cut short on playback for DM37x SomLVs	<a href="#">DM37LINUX-870</a>	fails on SomLV only, no Torpedo (Torpedo tested does not have DSP)
	20.04.01	pass	RC2				no SomLV, no Torpedo (Torpedo tested does not have DSP)
	20.04.02	pass	RC2				no SomLV, no Torpedo (Torpedo tested does not have DSP)
	20.05.01	na	RC2				S-Video is Torpedo SOM only and the Torpedo SOM in this testing is an AM37x which has no DSP
	20.05.02	na	RC2				S-Video is Torpedo SOM only and the Torpedo SOM in this testing is an AM37x which has no DSP
	20.06.01	na	RC2				S-Video is Torpedo SOM only and the Torpedo SOM in this testing is an AM37x which has no DSP
	20.06.02	na	RC2				S-Video is Torpedo SOM only and the Torpedo SOM in this testing is an AM37x which has no DSP
Performance	21.01.01	pass	RC2				See Perf Tab for results
Tests	21.02.01	pass	RC2				See Perf Tab for results
	21.03.01	pass	RC2				covered by test 21.03.04
	21.03.02	pass	RC2				See Perf Tab for results
	21.03.03	pass	RC2				See Perf Tab for results
	21.04.01	pass	RC2				See Perf Tab for results
	21.04.03	pass	RC2				See Perf Tab for results
	21.04.04	pass	RC2				See Perf Tab for results
	21.04.05	pass	RC2				See Perf Tab for results
	21.05.02	pass	RC2				See Perf Tab for results
	21.06.01	pass	RC2				See Perf Tab for results
	21.07.01	pass	RC2				See Perf Tab for results
	21.08.01	pass	RC2				See Perf Tab for results
	21.08.02	pass	RC2				See Perf Tab for results
	21.09.01	pass	RC2				See Perf Tab for results
	21.09.02	pass	RC2				See Perf Tab for results
	21.09.03	pass	RC2				See Perf Tab for results
	21.09.04	pass	RC2				
	21.09.05	pass	RC2				

Boards being tested:	1024174	1023967	DM37x Torpedo + Wireless
	1027271		DM37x/AM37x Torpedo
	1023726		DM37x/AM37x SomLV



Section	Test #	Test Results	RC Tested	Failing DUTs	Failure Description	Issue #	Notes

Non Test Specific

JIRA Issues

TOTAL Number of Tests	192				
	182	pass		95%	all boards pass
Total Pass:					
182					
95%					
	6	fail		3%	on boards fail. The perceived failures either do not have a direct "shall" requirement (vs "should"), they don't affect the Torpedo (or T+V), or they are not critical to the test.
Done	4	na		2%	
192	0	To Do		0%	tests remaining to be done (includes those listed as "wait")
	0	wait		0%	testing skipped to be run later in testing
	192	# Complete %		100%	
	0	# To Go %		0%	

DM757x Targeted-Wireless 1024174  
DM757x Linux 2.6.4 Release Version

01.01.01	Anti-aligned Test	1.000 wsec   94.800 KChans/sec
Anti-aligned Test (blend)	1.007 wsec   25.400 KChans/sec	
Fill Rectangles	1.023 wsec   120.400 MChans/sec	
Fill Rectangles (blend)	1.260 wsec   5.970 MChans/sec	
Fill Rectangles [2D]	1.116 wsec   31.400 MChans/sec	
Fill Rectangles [2D] (blend)	10.794 wsec   5.982 MChans/sec	
Fill Triangles	1.023 wsec   120.255 MChans/sec	
Fill Triangles (blend)	1.278 wsec   5.904 MChans/sec	
Draw Rectangles	1.002 wsec   100.570 MChans/sec	
Draw Rectangles (blend)	1.004 wsec   2.471 KChans/sec	
Draw Lines [2D]	1.007 wsec   84.800 KChans/sec	
Draw Lines [2D] (blend)	1.000 wsec   10.384 KChans/sec	
Fill Spans	1.000 wsec   171.100 MChans/sec	
Fill Spans (blend)	1.278 wsec   5.940 MChans/sec	
Fill Spans [2D]	1.007 wsec   140.725 MChans/sec	
Fill Spans [2D] (blend)	1.004 wsec   15.685 MChans/sec	
Bit destruction colorkeyed	1.186 wsec   1.490 MChans/sec	
Bit with format conversion	1.805 wsec   13.420 MChans/sec	
Bit with colorkey	3.000 wsec   4.800 MChans/sec	
Bit from 2Dbit (blend)	4.117 wsec   4.700 MChans/sec	
Bit from 2Dbit (blend) with colorkey	1.445 wsec   3.744 MChans/sec	
Stretch Bit	1.000 wsec   131.770 MChans/sec	
Stretch Bit colorkeyed	1.000 wsec   81.400 MChans/sec	

01.01.06	Static Build	
cable in (Static)	0.25	
cable out (Static)	0.18	

01.01.07	DHCP Build	
cable in (DHCP)	0.39	
cable out (DHCP)	0.34	

12.01.01 AP Mode - Open Security

		Theoretical Max		40% of Theoretical	
		Data Rate (Mbps)		Max Data Rate (Mbps)	
Triad 3D	A	54	21.6		
	B	11	4.4		
	G	54	21.6		
	N (2.4GHz)	72.2	28.88		
	N (5.0GHz)	26.2	10.48		

		Spent SCM client, Mbps		Spent SCM server, Mbps	
		Data Rate		Data Rate	
		% of Theoretical	Max Data Rate	% of Theoretical	Max Data Rate
A	11.6	21.3	46.0504	21.3	46.0504
B	1.16	5.8	46.0504	5.8	51.277277
G	10.4	20.16	28.182	20.16	55.550959
N (2.4GHz)	19.7	26.4	27.2612	26.4	55.550959
N (5.0GHz)	25.9	40.8	36.8726	40.8	56.230895

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.454 W		1.008 W		2.180 W		1.674 W	
1: SOM: Main battery		1.126 W		843.2 mW		1.944 W		1.479 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.5 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.167 W		1.020 W		1.581 W		1.266 W	
1: SOM: Main battery		1.041.7 mW		846.9 mW		1.441 W		1.088 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.6 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.637 W		1.121 W		1.716 W		1.489 W	
1: SOM: Main battery		1.447 W		851.9 mW		1.572 W		1.287 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.5 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.478 W		1.141 W		1.390 W		1.390 W	
1: SOM: Main battery		1.174 W		952.3 mW		1.278 W		1.199 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.5 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.437 W		1.093 W		1.778 W		1.469 W	
1: SOM: Main battery		1.136 W		901.5 mW		1.586 W		1.285 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		2.6 mW		2.6 mW		4.2 mW		3.6 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.332 W		1.086 W		1.625 W		1.341 W	
1: SOM: Main battery		1.193 W		906.4 mW		1.278 W		1.155 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.5 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.508 W		1.218 W		1.941 W		1.372 W	
1: SOM: Main battery		1.575 W		1.174 W		1.861 W		1.553 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		4.2 mW		2.6 mW		4.2 mW		3.5 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.425 W		1.315 W		1.621 W		1.450 W	
1: SOM: Main battery		1.205 W		1.178 W		1.420 W		1.255 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.5 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.821 W		1.410 W		1.875 W		1.698 W	
1: SOM: Main battery		1.481 W		1.162 W		1.906 W		1.501 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.6 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
Monitors									
0: KR: Main battery		1.514 W		1.181 W		1.590 W		1.448 W	
1: SOM: Main battery		1.244 W		1.216 W		1.318 W		1.293 W	
2: SOM: Backup battery		0.0 mW		0.0 mW		0.1 mW		0.0 mW	
3: Baseboard: 1.8V		3.6 mW		2.6 mW		4.2 mW		3.6 mW	

		Value		Min		Max		Average	
Client 2.4GHz-e mode									
		AP Mode - Open Security							
		iperf SOM client, Mb/s		iperf SOM server, Mb/s					
12.02.02	2.4 GHz	11.7		19.9					
	5.0 GHz	19.4		16.8					

DM374 Tegra30-Wireless 1024124					
DM374 Linux 2.6.4 Release Version					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	2,049 W	1,655 W	2,186 W	2,036 W	
1: SOM: Main battery	1,920 W	1,361 W	1,823 W	1,527 W	
2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.0 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.5 mW	

Tegra30-Wireless Monitors					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	1,467 W	1,227 W	2,043 W	1,724 W	
1: SOM: Main battery	700.6 mW	699.4 mW	1,369 W	1,193 W	
2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.0 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.5 mW	

Tegra30-Wireless Monitors					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	2,126 W	1,339 W	2,613 W	2,026 W	
1: SOM: Main battery	1,158 W	703.1 mW	2,001 W	1,410 W	
2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.0 mW	
5: Baseboard: 1.8V	2.6 mW	2.6 mW	4.2 mW	3.6 mW	

Tegra30-Wireless Monitors					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	1,833 W	1,516 W	2,598 W	1,823 W	
1: SOM: Main battery	1,211 W	912.6 mW	1,979 W	1,211 W	
2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.0 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.6 mW	

13.04.01	average packet time (BT only)	87.22	8		
13.04.02	packet loss				
13.04.03	iperr rate (iperr only)	26.9			
13.04.04	iperr rate (iperr + BT)	26.9			
13.04.05	average packet time (BT + iperr)	96.7			
13.04.06	packet loss (BT + iperr)	0			

21.01.01	DM374 test-run				
21.01.02	Simple MCH test program to add an interrupt() to a 10 value vector				
21.01.03	original vector = 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 data (n=)				
21.01.04	+ 08 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21				
21.01.05	I took 2.727 seconds to perform 100,000 million additions.				
21.01.06	That corresponds to 36.676 mflaps.				
21.01.07	I took 2.727 seconds to perform 100,000 million multiplications.				
21.01.08	That corresponds to 36.676 mflaps.				
21.01.09	I took 30.531 seconds to perform 100,000 million divisions.				
21.01.10	That corresponds to 3.288 mflaps.				

21.02.01	BOOT TIME =	light splash screen:	SD Card Boot	Hard boot	
21.02.02	Tue:	"15 seconds	"15 seconds	"15 seconds	
21.02.03	Linux prompt:	"25 seconds	"25 seconds	"25 seconds	

21.03.01	Standard state				
21.03.02	Monitors	Value	Min	Max	Average
21.03.03	0: Kit: Main battery	327.0 mW	322.5 mW	486.0 mW	364.3 mW
21.03.04	1: SOM: Main battery	277.0 mW	214.0 mW	357.1 mW	277.4 mW
21.03.05	2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.0 mW
21.03.06	5: Baseboard: 1.8V	2.6 mW	2.6 mW	3.6 mW	2.8 mW

21.03.07	Suspend state, "echo mem" command				
21.03.08	Monitors	Value	Min	Max	Average
21.03.09	0: Kit: Main battery	58.5 mW	46.5 mW	166.5 mW	96.2 mW
21.03.10	1: SOM: Main battery	9.9 mW	6.2 mW	19.8 mW	12.0 mW
21.03.11	2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.0 mW
21.03.12	5: Baseboard: 1.8V	3.6 mW	0.0 mW	6.8 mW	3.0 mW

21.03.13	Suspend State, S2 button				
21.03.14	Monitors	Value	Min	Max	Average
21.03.15	0: Kit: Main battery	159.0 mW	47.5 mW	166.5 mW	87.9 mW
21.03.16	1: SOM: Main battery	12.0 mW	6.2 mW	19.8 mW	11.2 mW
21.03.17	2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.0 mW
21.03.18	5: Baseboard: 1.8V	4.2 mW	0.0 mW	6.8 mW	2.3 mW

21.04.01	sd read / write time				
21.04.02	sd read / write time				
21.04.03	sd read / write time				
21.04.04	sd read / write time				
21.04.05	sd read / write time				

21.04.06	sd read / write time				
21.04.07	sd read / write time				
21.04.08	sd read / write time				
21.04.09	sd read / write time				
21.04.10	sd read / write time				

21.04.11	USB read / write time				
21.04.12	USB read / write time				
21.04.13	USB read / write time				
21.04.14	USB read / write time				
21.04.15	USB read / write time				

21.04.16	rand read / write time				
21.04.17	rand read / write time				
21.04.18	rand read / write time				
21.04.19	rand read / write time				
21.04.20	rand read / write time				

21.04.21	rand read / write time				
21.04.22	rand read / write time				
21.04.23	rand read / write time				
21.04.24	rand read / write time				
21.04.25	rand read / write time				

21.04.26	rand read / write time				
21.04.27	rand read / write time				
21.04.28	rand read / write time				
21.04.29	rand read / write time				
21.04.30	rand read / write time				

21.05.01	TRIMAP_7				
21.05.02	Monitors	Value	Min	Max	Average
21.05.03	0: Kit: Main battery	1,058 W	1,040 W	1,175 W	1,079 W
21.05.04	1: SOM: Main battery	262.7 mW	280.2 mW	414.2 mW	310.9 mW
21.05.05	2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.1 mW
21.05.06	5: Baseboard: 1.8V	3.6 mW	3.6 mW	5.2 mW	3.8 mW

21.05.07	MB/s	9.4			
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21.05.08	MB/s	9.4			
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21.05.09	MB/s	9.4			
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21.05.10	MB/s	9.4			
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DM374 Tegra30-Wireless 1027171					
DM374 Linux 2.6.4 Release Version					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	2,295 W	1,310 W	2,498 W	2,110 W	
1: SOM: Main battery	1,662 W	723.1 mW	1,896 W	1,305 W	
2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.1 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.5 mW	

Tegra30-Wireless Monitors					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	2,083 W	1,932 W	2,199 W	2,116 W	
1: SOM: Main battery	1,554 W	1,379 W	1,587 W	1,518 W	
2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.1 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.5 mW	

Tegra30-Wireless Monitors					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	2,349 W	1,308 W	2,902 W	2,033 W	
1: SOM: Main battery	1,829 W	713.5 mW	2,005 W	1,448 W	
2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.1 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.6 mW	

Tegra30-Wireless Monitors					
Monitors	Value	Min	Max	Average	
0: Kit: Main battery	2,097 W	1,694 W	2,925 W	2,093 W	
1: SOM: Main battery	1,524 W	1,114 W	2,318 W	1,482 W	
2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.1 mW	
5: Baseboard: 1.8V	3.6 mW	2.6 mW	4.2 mW	3.5 mW	

13.04.01	average packet time (BT only)	96.21			
13.04.02	packet loss				
13.04.03	iperr rate (iperr only)	26.2			
13.04.04	iperr rate (iperr + BT)	26.2			
13.04.05	average packet time (BT + iperr)	103.6			
13.04.06	packet loss (BT + iperr)	0			

21.01.01	DM374 test-run				
21.01.02	Simple MCH test program to add an interrupt() to a 10 value vector				
21.01.03	original vector = 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 data (n=)				
21.01.04	+ 08 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21				
21.01.05	I took 2.295 seconds to perform 100,000 million additions.				
21.01.06	That corresponds to 44.444 mflaps.				
21.01.07	I took 2.295 seconds to perform 100,000 million multiplications.				
21.01.08	That corresponds to 44.444 mflaps.				
21.01.09	I took 8.680 seconds to perform 100,000 million divisions.				
21.01.10	That corresponds to 11.513 mflaps.				

21.02.01	BOOT TIME =	light splash screen:	SD Card Boot	Hard boot	
21.02.02	Tue:	"15 seconds	"15 seconds	"15 seconds	
21.02.03	Linux prompt:	"25 seconds	"25 seconds	"25 seconds	

21.03.01	Standard state				
21.03.02	Monitors	Value	Min	Max	Average
21.03.03	0: Kit: Main battery	432.0 mW	312.0 mW	493.5 mW	372.0 mW
21.03.04	1: SOM: Main battery	283.7 mW	266.6 mW	337.3 mW	281.5 mW
21.03.05	2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.0 mW
21.03.06	5: Baseboard: 1.8V	4.2 mW	2.6 mW	4.2 mW	3.8 mW

21.03.07	Suspend state, "echo mem" command				
21.03.08	Monitors	Value	Min	Max	Average
21.03.09	0: Kit: Main battery	77.0 mW	61.5 mW	159.0 mW	101.9 mW
21.03.10	1: SOM: Main battery	22.3 mW	19.8 mW	31.0 mW	26.5 mW
21.03.11	2: SOM: Backup battery	0.0 mW	0.0 mW	0.1 mW	0.0 mW
21.03.12	5: Baseboard: 1.8V	1.6 mW	0.0 mW	5.2 mW	2.3 mW

21.03.13	Suspend State, S2 button				
21.03.14	Monitors	Value	Min	Max	Average
21.03.15	0: Kit: Main battery	154.5 mW	61.3 mW	159.0 mW	104.1 mW
21.03.16	1: SOM: Main battery	26.5 mW	22.3 mW	32.2 mW	27.5 mW
21.03.17	2: SOM: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.1 mW
21.03.18	5: Baseboard: 1.8V	1.6 mW	0.0 mW	5.7 mW	3.0 mW

21.04.01	sd read / write time				
21.04.02	sd read / write time				
21.04.03	sd read / write time				
21.04.04	sd read / write time				
21.04.05	sd read / write time				

21.04.06	sd read / write time				
21.04.07	sd read / write time				
21.04.08	sd read / write time				
21.04.09	sd read / write time				
21.04.10	sd read / write time				

21.04.11	USB read / write time				
21.04.12	USB read / write time				
21.04.13	USB read / write time				
21.04.14	USB read / write time				
21.04.15	USB read / write time				

21.04.16	rand read / write time				
21.04.17	rand read / write time				
21.04.18	rand read / write time				
21.04.19	rand read / write time				
21.04.20	rand read / write time				

21.04.21	rand read / write time				
21.04.22	rand read / write time				
21.04.23	rand read / write time				
21.04.24	rand read / write time				
21.04.25	rand read / write time				

21.04.26	rand read / write time				
21.04.27	rand read / write time				
21.04.28	rand read / write time				



DM37M Tegra2-Wireless 1024174  
DM37M Linux 2.6.4 Release Version

Monitors	Value	Min	Max	Average
0: KZ: Main battery	1,540 W	1,502 W	1,583 W	1,538 W
1: SC0M: Main battery	851.9 mW	770.0 mW	882.8 mW	846.9 mW
2: SC0M: Backup battery	0.1 mW	0.0 mW	0.1 mW	0.1 mW
3: Baseboard: 1.8V	4.2 mW	3.6 mW	5.2 mW	4.0 mW

Mb/s 92.8

21.06.01	ethernet unplug	< 1 second
	ethernet plug in	< 1 second
	sd card removal	< 1 second
	sd card insertion	< 1 second
	usb removal	< 1 second
	usb insertion	< 1 second

21.07.01

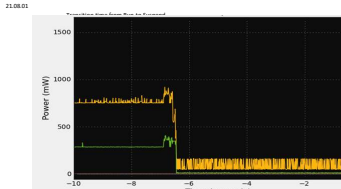
previous Ethernet transfer speeds	no previous (102481)
102482-T	From
102482-T	From

current Ethernet transfer speeds	From	To
102482-T	9.41 Mb/s	2.4.4
102482-T	92.8 Mb/s	2.4.4

Fastest Ethernet transfer speed	From	To
102482-T	9.41 Mb/s	2.4.4
102482-T	92.8 Mb/s	2.4.4

21.08.01

Transition time from Screen to Screen



Transition time: < 0.6 second  
Time to screen on: immediate

21.08.02

Transition time from Screen to Screen



Transition time: < 0.2 second  
Time to screen on: < 1 second

21.09.01

whetstones	Loops: 60000	Iterations: 1	Duration: 40.404 sec
	Converted: Double	Precision: Whetstone	148.3 MPIS

21.09.02

dhrystones	Microseconds for 1000000 ops	ops/sec	through	Dhrystone	0.9
	Second: 1000000				

21.09.03

Impact	Rollad	Double	Precision	Unpack
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norm.	read	read	read	machop	q05-1	q1-11
2.7	7.42E-14	2.22E-14	1.20E-14	1.20E-14		
times	are	reported	for	matrices	of	order
100	times	are	reported	for	matrices	of
201	times	are	reported	for	matrices	of
200	times	are	reported	for	matrices	of

Rollad Double Precision 14811 Mflops : 90 Rops

21.09.04

OSF Frequency Benchmark	200000	real	0m0.748s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.450s
	user	0m0.000s
	sys	0m0.227s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	n/a	n/a	
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21.09.05

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.06

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.07

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.08

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.09

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.10

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.11

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.12

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.13

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.14

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.15

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.16

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.17

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.18

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.19

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.213s

600000	real	0m1.000s
	user	0m0.000s
	sys	0m0.213s

800000	real	0m1.574s
	user	0m0.000s
	sys	0m0.203s

21.09.20

OSF Frequency Benchmark	200000	real	0m0.694s
		user	0m0.000s
		sys	0m0.213s

320000	real	0m0.339s
	user	0m0.000s
	sys	0m0.



DM377x Targeted-Wireless 1024024  
DM377x Linux 2.6.4 Release Version

DM377x Targeted-Wireless 1027271  
DM377x Linux 2.6.4 Release Version

AM377x Targeted 1027226  
DM377x Linux 2.6.4 Release Version

DM377x Serial 1023907  
DM377x Linux 2.6.4 Release Version

DM377x Targeted-Wireless 1027267  
DM377x Linux 2.6.4 RTT/RTS Patched Version

Doc #	Rev	Author	Reviewer	DM37x Linux BSP	Date
	1.0	DH		2.4-4 Release	Aug. 24, 2015
1031343	2.0	BSB	RF	2.4-4 NVS/BTS Patched	Jul. 27, 2021

