

<b><u>UFS - What we test by category (228 of 242 total CTS tests)</u></b>		<b>CTS</b>	<b>Demo license</b>
SCSI Command Tests (110 tests executed)			
7.1	INQUIRY Command (5 tests)		
7.1.1	UFS Inquiry 01	√	√
7.1.2	UFS Inquiry 02	√	
7.1.3	UFS Inquiry 03	√	
7.1.4	UFS Inquiry 04	√	
7.1.5	UFS Inquiry 05	√	
7.2	REQUEST SENSE Command (4 tests)		
7.2.1	UFS RequestSense 01	√	√
7.2.2	UFS RequestSense 02	√	
7.2.3	UFS RequestSense 03	√	
7.2.4	UFS RequestSense 04	√	
7.3	MODE SENSE Command (19 tests)		
7.3.1	UFS ModeSense 01	√	√
7.3.2	UFS ModeSense 02	√	
7.3.3	UFS ModeSense 03	√	
7.3.4	UFS ModeSense 04	√	
7.3.5	UFS ModeSense 05	√	
7.3.6	UFS ModeSense 06	√	
7.3.7	UFS ModeSense 07	√	
7.3.8	UFS ModeSense 08	√	
7.3.9	UFS ModeSense 09	√	
7.3.10	UFS ModeSense 10	√	
7.3.11	UFS ModeSense 11	√	
7.3.12	UFS ModeSense 12	√	
7.3.13	UFS ModeSense 13	√	
7.3.14	UFS ModeSense 14	√	
7.3.15	UFS ModeSense 15	√	
7.3.16	UFS ModeSense 16	√	
7.3.17	UFS ModeSense 17	√	
7.3.18	UFS ModeSense 18	√	
7.3.19	UFS ModeSense 19	√	
7.4	MODE SELECT (10) Command (17 tests)		
7.4.1	UFS ModeSelect10 01	√	√

7.4.2	UFS ModeSelect10 02	√	
7.4.3	UFS ModeSelect10 03	√	
7.4.4	UFS ModeSelect10 04	√	
7.4.5	UFS ModeSelect10 05	√	
7.4.6	UFS ModeSelect10 06	√	
7.4.7	UFS ModeSelect10 07	√	
7.4.8	UFS ModeSelect10 08	√	
7.4.9	UFS ModeSelect10 09	√	
7.4.10	UFS ModeSelect10 10	√	
7.4.11	UFS ModeSelect10 11	√	
7.4.12	UFS ModeSelect10 12	√	
7.4.13	UFS ModeSelect10 13	√	
7.4.14	UFS ModeSelect10 14	√	
7.4.15	UFS ModeSelect10 15	√	
7.4.16	UFS ModeSelect10 16	√	
7.4.17	UFS ModeSelect10 17	√	
7.5	UNMAP Command (6 tests)		
7.5.1	Unmap 01	√	
7.5.2	Unmap 02	√	
7.5.3	Unmap 03	√	
7.5.4	Unmap 04	√	
7.5.5	Unmap 05	√	
7.5.6	Unmap 06	√	
7.6	START STOP UNIT Command (8 tests)		
7.6.1	UFS StartStopUnit 01	√	√
7.6.2	UFS StartStopUnit 02	√	
7.6.3	UFS StartStopUnit 03	√	
7.6.4	UFS StartStopUnit 04	√	
7.6.5	UFS StartStopUnit 05	√	
7.6.6	UFS StartStopUnit 06	√	
7.6.7	UFS StartStopUnit 07	√	
7.6.8	UFS StartStopUnit 08	√	
7.7	READ CAPACITY (10) Command (1 test)		
7.7.1	<del>Obsolete test</del>	√	
7.7.2	UFS ReadCapacity10 02	√	√
7.8	FORMAT UNIT Command (4 tests)		
7.8.1	UFS FormatUnit 01	√	√

7.8.2	UFS FormatUnit 02	√	
7.8.3	UFS FormatUnit 03	√	
7.8.4	UFS FormatUnit 04	√	
7.9	TEST UNIT READY Command (2 tests)		
7.9.1	UFS TestUnitReady 01	√	√
7.9.2	UFS Test UnitReady 02	√	
7.10	WRITE (6) Command (2 tests)		
7.10.1	<del>UFS_Write6_01</del>		
7.10.2	UFS Write6 02	√	
7.10.3	UFS Write6 03	√	√
7.11	WRITE (10) Command (6 tests)		
7.11.1	UFS Write10 01	√	
7.11.2	UFS Write10 02	√	
7.11.3	UFS Write10 03	√	√
7.11.4	UFS Write10 04	√	
7.11.5	UFS Write10 05	√	
7.11.6	UFS Write10 06	√	
7.12	Read (6) Command (2 tests)		
7.12.1	<del>UFS_Read6_01</del>		
7.12.2	UFS Read6 02	√	√
7.12.3	UFS Read6 03	√	
7.13	Read (10) Command (6 tests)		
7.13.1	UFS Read10 01	√	
7.13.2	UFS Read10 02	√	√
7.13.3	UFS Read10 03	√	
7.13.4	UFS Read10 04	√	
7.13.5	UFS Read10 05	√	
7.13.6	UFS Read10 06	√	
7.14	Verify (10) Command (4 tests)		
7.14.1	UFS Verify10 01	√	
7.14.2	UFS Verify10 02	√	√
7.14.3	UFS Verify10 03	√	
7.14.4	UFS Verify10 04	√	
7.15	Send Diagnostic Command (3 tests)		
7.15.1	UFS SendDiagnostic 01	√	
7.15.2	UFS SendDiagnostic 02	√	√
7.15.3	UFS SendDiagnostic 03	√	

7.16	REPORT LUNS Command (9 tests)		
7.16.1	UFS ReportLuns 01	√	√
7.16.2	UFS ReportLuns 02	√	
7.16.3	UFS ReportLuns 03	√	
7.16.4	UFS ReportLuns 04	√	
7.16.5	UFS ReportLuns 05	√	
7.16.6	UFS ReportLuns 06	√	
7.16.7	UFS ReportLuns 07	√	
7.16.8	UFS ReportLuns 08	√	
7.16.9	UFS ReportLuns 09	√	
7.17	SYNCHRONIZE CACHE (10) Command (6, 7.17.3 includes IMMEDIATE supported and not supported)		
7.17.1	UFS SynchronizeCache 01	√	√
7.17.2	UFS SynchronizeCache 02	√	
7.17.3	UFS SynchronizeCache 03 IMMEDIATE Not Supported	√	
7.17.3	UFS SynchronizeCache 03 IMMEDIATE Supported	√	
7.17.4	UFS SynchronizeCache 04	√	
7.17.5	UFS SynchronizeCache 05	√	
7.18	Pre Fetch (10) Command (6, 7.18.2 includes IMMEDIATE supported and not supported)		
7.18.1	UFS PreFetch10 01	√	√
7.18.2	UFS PreFetch10 02 IMMEDIATE Not Supported	√	
7.18.2	UFS PreFetch10 02 IMMEDIATE Supported	√	
7.18.3	UFS PreFetch10 03	√	
7.18.4	UFS PreFetch10 04	√	
7.18.5	UFS PreFetch10 05	√	
UFS Protocol Tests (120 tests executed)			
8.1	Context Management (3 tests)		
8.1.1	UFS ContextManagement 01	√	
8.1.2	UFS ContextManagement 02	√	
8.1.3	UFS ContextManagement 03	√	
8.2	UFS Task Management (6 tests)		
8.2.1	UFS TM 01	√	√
8.2.2	UFS TM 02	√	
8.2.3	UFS TM 03	√	
8.2.4	UFS TM 04	√	
8.2.5	UFS TM 05	√	

8.2.6	UFS TM 06	√	
8.3	UFS BOOT (1 test)		
8.3.1	<del>UFS Boot_01</del>		
8.3.2	UFS BOOT 02	√	√
8.4	UFS Descriptor (15 tests)		
8.4.1	UFS QR ReadDescriptor 01	√	√
8.4.2	UFS QR ReadDescriptor 02	√	
8.4.3	UFS QR ReadDescriptor 03	√	
8.4.4	UFS QR ReadDescriptor 04	√	
8.4.5	UFS QR ReadDescriptor 05	√	
8.4.6	UFS QR ReadDescriptor 06	√	
8.4.7	UFS QR ReadDescriptor 07	√	
8.4.8	UFS QR ReadDescriptor 08	√	
8.4.9	UFS QR ReadDescriptor 09	√	
8.4.10	UFS QR ReadDescriptor 10	√	
8.4.11	UFS QR ReadDescriptor 11	√	
8.4.12	UFS QR ReadDescriptor 12	√	
8.4.13	UFS QR WriteDescriptor 01	√	√
8.4.14	UFS QR WriteDescriptor 02	√	
8.4.15	UFS QR WriteDescriptor 03	√	
8.5	UFS Flag (25 tests)		
8.5.1	UFS QR SetFlag 01	√	√
8.5.2	UFS QR SetFlag 02	√	
8.5.3	UFS QR SetFlag 03	√	
8.5.4	UFS QR SetFlag 04	√	
8.5.5	UFS QR SetFlag 05	√	
8.5.6	UFS QR SetFlag 06	√	
8.5.7	UFS QR SetFlag 07	√	
8.5.8	UFS QR SetFlag 08	√	
8.5.9	UFS QR SetFlag 09	√	
8.5.10	UFS QR ReadFlag 01	√	√
8.5.11	UFS QR ReadFlag 02	√	
8.5.12	UFS QR ReadFlag 03	√	
8.5.13	UFS QR ReadFlag 04	√	
8.5.14	UFS QR ReadFlag 05	√	
8.5.15	UFS QR ReadFlag 06	√	
8.5.16	UFS QR ReadFlag 07	√	

8.5.17	UFS QR ReadFlag 08	√	
8.5.18	UFS QR ClearFlag 01	√	√
8.5.19	UFS QR ClearFlag 02	√	
8.5.20	UFS QR ClearFlag 03	√	
8.5.21	UFS QR ClearFlag 04	√	
8.5.22	UFS QR ToggleFlag 01	√	√
8.5.23	UFS QR ToggleFlag 02	√	
8.5.24	UFS QR ToggleFlag 03	√	
8.5.25	UFS QR ToggleFlag 04	√	
8.6	UFS Attribute (44 tests)		
8.6.1	UFS QR ReadAttribute 01	√	√
8.6.2	UFS QR ReadAttribute 02	√	
8.6.3	UFS QR ReadAttribute 03	√	
8.6.4	UFS QR ReadAttribute 04	√	
8.6.5	UFS QR ReadAttribute 05	√	
8.6.6	UFS QR ReadAttribute 06	√	
8.6.7	UFS QR ReadAttribute 07	√	
8.6.8	UFS QR ReadAttribute 08	√	
8.6.9	UFS QR ReadAttribute 09	√	
8.6.10	UFS QR ReadAttribute 10	√	
8.6.11	UFS QR ReadAttribute 11	√	
8.6.12	UFS QR ReadAttribute 12	√	
8.6.13	UFS QR ReadAttribute 13	√	
8.6.14	UFS QR ReadAttribute 14	√	
8.6.15	UFS QR ReadAttribute 15	√	
8.6.16	UFS QR ReadAttribute 16	√	
8.6.17	UFS QR ReadAttribute 17	√	
8.6.18	UFS QR WriteAttribute 01	√	√
8.6.19	UFS QR WriteAttribute 02	√	
8.6.20	UFS QR WriteAttribute 03	√	
8.6.21	UFS QR WriteAttribute 04	√	
8.6.22	UFS QR WriteAttribute 05	√	
8.6.23	UFS QR WriteAttribute 06	√	
8.6.24	UFS QR WriteAttribute 07	√	
8.6.25	UFS QR WriteAttribute 08	√	
8.6.26	UFS QR WriteAttribute 09	√	
8.6.27	UFS QR WriteAttribute 10	√	

8.6.28	UFS QR WriteAttribute 11	√	
8.6.29	UFS QR WriteAttribute 12	√	
8.6.30	UFS QR WriteAttribute 13	√	
8.6.31	UFS QR WriteAttribute 14	√	
8.6.32	UFS QR WriteAttribute 15	√	
8.6.33	UFS QR WriteAttribute 16	√	
8.6.34	UFS QR WriteAttribute 17	√	
8.6.35	UFS QR WriteAttribute 18	√	
8.6.36	UFS QR WriteAttribute 19	√	
8.6.37	UFS QR WriteAttribute 20	√	
8.6.38	UFS QR WriteAttribute 21	√	
8.6.39	UFS QR WriteAttribute 22	√	
8.6.40	UFS QR WriteAttribute 23	√	
8.6.41	UFS QR WriteAttribute 24	√	
8.6.42	UFS QR WriteAttribute 25	√	
8.6.43	UFS QR WriteAttribute 26	√	
8.6.44	UFS QR WriteAttribute 27	√	
8.7	UFS Power Mode (6 tests)		
8.7.1	UFS PowerMode 01	√	√
8.7.2	UFS PowerMode 02	√	
8.7.3	UFS PowerMode 03	√	
8.7.4	UFS PowerMode 04	√	
8.7.5	UFS PowerMode 05	√	
8.7.6	UFS PowerMode 06	√	
<del>8.8</del>	<del>UFS RPMB (0 tests)</del>		
<del>8.8.1</del>	<del>UFS_RPMB_01</del>		
<del>8.8.2</del>	<del>UFS_RPMB_02</del>		
<del>8.8.3</del>	<del>UFS_RPMB_03</del>		
<del>8.8.4</del>	<del>UFS_RPMB_04</del>		
<del>8.8.5</del>	<del>UFS_RPMB_05</del>		
<del>8.8.6</del>	<del>UFS_RPMB_06</del>		
<del>8.8.7</del>	<del>UFS_RPMB_07</del>		
<del>8.8.8</del>	<del>UFS_RPMB_08</del>		
<del>8.8.9</del>	<del>UFS_RPMB_09</del>		
<del>8.8.10</del>	<del>UFS_RPMB_10</del>		
<del>8.8.11</del>	<del>UFS_RPMB_11</del>		
8.9	UFS UPIU (2 tests)		

8.9.1	UFS UPIU 01	√	√
8.9.2	UFS UPIU 02	√	
8.10	UFS UPIU Flags (3 tests)		
8.10.1	UFS UPIU Flags 01	√	
8.10.2	UFS UPIU Flags 02	√	
8.10.3	UFS UPIU Flags 03	√	
8.11	UFS Unit Attention Condition (15 tests)		
8.11.1	UFS Unit Attention 01	√	√
8.11.2	UFS Unit Attention 02	√	
8.11.3	UFS Unit Attention 03	√	
8.11.4	UFS Unit Attention 04	√	
8.11.5	UFS Unit Attention 05	√	
8.11.6	UFS Unit Attention 06	√	
8.11.7	UFS Unit Attention 07	√	
8.11.8	UFS Unit Attention 08	√	
8.11.9	UFS Unit Attention 09	√	
8.11.10	UFS Unit Attention 10	√	
8.11.11	UFS Unit Attention 11	√	
8.11.12	UFS Unit Attention 12	√	
8.11.13	UFS Unit Attention 13	√	
8.11.14	UFS Unit Attention 14	√	
8.11.15	UFS Unit Attention 15	√	

Note: Demo licenses only enable the listed subset of all test cases. They can be run at PWM-G1 and HS-G1 speeds, x1 link width. Custom test cases can be created and saved but not run.