



## TESTING SUMMARY

### TrimLine Dock and Cradle for DURABOOK Z14 LAPTOP (AS7.D014.600 | AS7.D014.603 | AS7.D014.604)

Test Description	Test Parameters
<b>Vibration: Operational</b> <i>Test date: Oct 2018</i>	MIL-STD-810G, Method 514.6, Procedure 1, Category 4, per Figure 514.6C-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously (6 hours total). <ul style="list-style-type: none"> <li>• Unit is unlocked</li> <li>• Ports connection is monitored during the test.</li> <li>• Test is monitored to record any breaks in Ports connectivity during vibration.</li> </ul>
<b>Vibration: Non-Operational</b> <i>Test date: August 2019</i>	MIL-STD-810G, Method 514.6, Category 24, per Figure 514.6E-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously (3 hours total). <ul style="list-style-type: none"> <li>• Unit is unlocked</li> </ul>
<b>Mechanical Shock Safety: Non-Operational</b> <i>Test date: August 2019</i>	MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses along three mutually orthogonal axes (6 hours total). <ul style="list-style-type: none"> <li>• 40G, 11ms half sine</li> <li>• Unit is unlocked</li> </ul>
<b>Cycle Test: Non-Operational</b> <i>Test date: August 2019</i>	30,000 cycles of the docking connector, latching and locking mechanisms
<b>Shock – Crash Hazard: Non-Operational</b> <i>Test date: August 2019</i>	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> <li>• Unit is unlocked</li> <li>• Unit is tested in front to back and side to side orientations</li> </ul>
<b>Electrostatic Discharge: Operational</b> <i>Test date:</i>	-
<b>EMC Testing</b> <i>Test date:</i>	-
<b>Electrical Safety Testing</b> <i>Test date:</i>	-
<b>Low Temperature: Operational</b> <i>Test date:</i>	MIL-STD 810G, Method 502.5, Procedure II <ul style="list-style-type: none"> <li>• -10°C Operation, 24-hours</li> </ul>
<b>Low Temperature: Storage</b> <i>Test date: August 2019</i>	MIL-STD 810G, Method 502.6, Procedure I <ul style="list-style-type: none"> <li>• -40°C Non-Operational, 72 hours</li> </ul>
<b>High Temperature: Operational</b> <i>Test date: August 2019</i>	MIL-STD 810G, Method 501.5, Procedure II, Table 501.5-II, Induced Conditions <ul style="list-style-type: none"> <li>• Five 24-hour cycles, temperature varied from 30°C to 63°C to 30°C</li> </ul>
<b>High Temperature: Storage</b> <i>Test date: August 2019</i>	MIL-STD 810G, Method 501.5, Procedure I, Table 501.6-III, Induced Conditions <ul style="list-style-type: none"> <li>• 85°C Non-Operational, 72 hours</li> </ul>
<b>Thermal Shock</b>	-

<i>Test date: Oct 2018</i>	<ul style="list-style-type: none"> <li>• Fifty cycles from 85°C to -40°C to 85°C; Dwell Time of 2 hours at each temp.</li> </ul>
<b>Humidity</b> <i>Test date: August 2019</i>	MIL-STD 810G, Method 507.5, Procedure II, Aggravated, Table 507.5- IX <ul style="list-style-type: none"> <li>• Ten 24-hour cycles, temperature varied from 30°C to 60°C to 30°C at constant 95% relative humidity.</li> </ul>
<b>RoHS Compliance</b> <i>Date: August 2019</i>	EN 50581:2012 RoHS2 Directive 2011/65/EU



Conforms to CSA C22.2 No. 60950-1-07, UL 60950-1  
REGULATORY MODEL: AS7.P033.112

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