



**Testing Summary**  
**Getac X600 Laptop Docking Station**  
 (7300-0600-03)

**Summary of Tests Performed at Gamber-Johnson or Getac**

Test Description	Test Parameters
Vibration – Operational Test date: Dec, 2022	Getac Developmental Testing Specification STD-810H. Test duration is two hours along three mutually orthogonal axes – not simultaneously (6 hours total). <ul style="list-style-type: none"> <li>• Unit is unlocked</li> <li>• OEM provided operating conditions</li> </ul>
Vibration – Non-Operational (Minimum Integrity) Test date: Dec, 2022	Getac Developmental Testing Specification Rev C. MIL-STD-810H, Method 514.8; Procedure I, E-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> <li>• Panel Closed</li> <li>• OEM provided operating conditions</li> </ul>
Shock – Bump Test Test date: Dec, 2021	Getac Developmental Testing Specification Rev C. IEC 60068-2-27. 1000 positive and negative pulses in the vertical axis, 2000 total. <ul style="list-style-type: none"> <li>• 25G, 6ms half sine</li> <li>• Unit is unlocked</li> </ul>
Functional Shock - Operational Test date: Dec, 2021	Getac Developmental Testing Specification Rev C. MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses total. <ul style="list-style-type: none"> <li>• 20G, 11ms Terminal Peak Saw-Tooth</li> <li>• Unit is unlocked.</li> </ul>
Mechanical Shock Safety - Non-Operational Test date: Dec, 2022	Getac Developmental Testing Specification Rev C. MIL-STD-810H, Method 516.8, Procedure I. 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses total. <ul style="list-style-type: none"> <li>• 40G, 11ms half sine</li> <li>• Unit is unlocked</li> </ul>

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Security Testing Test date: Jan, 2023	Gamber-Johnson LLC Product Validation Testing Specification section 3.8. An attempt to remove computer from docking station will be tested. Using one simple tool the computer should not be removed from docking station under in 60 seconds. No damage to the computer should occur. Unit is locked
Cycle Testing – Non-Operational Test date: Jan, 2023	Getac Developmental Testing Specification Rev C. <ul style="list-style-type: none"> <li>10,000 manual cycles of the docking connector, latching and locking mechanisms</li> </ul>
Low Temperature: Operational Test date: Dec, 2022	Getac Developmental Testing Specification Rev C. MIL-STD-810H-502.7; Procedure II <ul style="list-style-type: none"> <li>-21°C Operating, 96-hour duration</li> </ul>
High Temperature: Operational Test date: Dec, 2022	Getac Developmental Testing Specification Rev C. MIL-STD-810H-502.7; Procedure II <ul style="list-style-type: none"> <li>50°C Operating, 96-hour duration</li> </ul>

**Summary of Tests Performed at Independent Facility**

<b>Test Description</b>	<b>Test Parameters</b>
Humidity Test date: Aug, 2022	MIL-STD-810H, Section 507.6 <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>
Thermal Shock Test date: Aug, 2022	MIL-STD-810H, Section 503.7 <ul style="list-style-type: none"> <li>Three, 2-hour cycles from 85°C to -40°C to 85°C</li> </ul>
Low Temperature: Storage Test date: Aug, 2022	MIL-STD-810H, Section 502.7 <ul style="list-style-type: none"> <li>-40°C Non-Operating, 96-hour duration</li> </ul>
High Temperature: Storage Test date: Aug, 2022	MIL-STD-810H, Section 501.7 <ul style="list-style-type: none"> <li>Starting Temp: 24°C: 2 hours</li> <li>Ramp time to 85°C: 2 hours</li> <li>Soak time at 85°C: 72 hours</li> <li>Ramp time to 24°C: 2 hours</li> </ul>
Shock – Crash Hazard Test date: Oct, 2021	SAE J1455 <ul style="list-style-type: none"> <li>Unit is unlocked.</li> <li>30mph sled crash test</li> </ul>

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EMC Testing Test date: Aug, 2021	<ul style="list-style-type: none"><li>• EN 50498</li><li>• ICES-003</li><li>• FCC Part 15 Subpart B</li><li>• CISPR 32</li></ul>
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#### Other Certifications

Description
ROHS COMPLIANT; UKCA;

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