



**Testing Summary**  
**Getac F110 Tablet Docking Station**  
 (7160-0987)

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

Test Description	Test Parameters
Vibration – Operational Test date: September, 2018	Getac Developmental Testing Specification per Figure 1. 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 – Operational RF Connection Test date: September, 2018	MIL-STD-810G, Method 514.6, Procedure 1, Category 4, per Figure 514.6C-1. 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> <li>• Test is performed simultaneously with operational test.</li> <li>• Test is monitored to record any breaks in RF connectivity during vibration.</li> </ul>
Vibration – Non-Operational (Minimum Integrity) Test date: September, 2018	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> <li>• OEM provided operating conditions</li> </ul>
Functional Shock - Non-Operational Test date: September, 2018	MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> <li>• 20G, 11ms half sine</li> <li>• Unit is unlocked</li> </ul>
Mechanical Shock Safety - Non-Operational Test date: September, 2018	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>• 40G, 11ms half sine</li> <li>• Unit is unlocked</li> </ul>
Cycle Testing – Non-Operational Test date: April-June, 2018	<ul style="list-style-type: none"> <li>• 30,000 cycles of the docking connector, latching and locking mechanisms</li> </ul>

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**Summary of Tests Performed at Independent Facility**

<b>Test Description</b>	<b>Test Parameters</b>
Humidity Test date: June, 2018	MIL-STD 810G, Method 502.5, Procedure II, Aggravated, Table 507.5 <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: May, 2018	MIL-STD 810G, Method 503.5, Procedure I-C <ul style="list-style-type: none"> <li>• Three, 2-hour cycles from 71°C to -51°C to 71°C</li> <li>• Transition time taking less than 5 seconds</li> </ul>
Low Temperature: Storage Test date: May, 2018	MIL-STD 810G, Method 502.5, Procedure I <ul style="list-style-type: none"> <li>• -51°C Non-Operating, 96-hour duration</li> </ul>
High Temperature: Operational Test date: May, 2018	MIL-STD 810G, Method 501.5, Procedure II <ul style="list-style-type: none"> <li>• 60°C Operating, 96-hour duration</li> </ul>
High Temperature: Storage Test date: May, 2018	MIL-STD 810G, Method 501.5, Procedure I <ul style="list-style-type: none"> <li>• 71°C Non-Operating, 96-hour duration</li> </ul>
Shock – Crash Hazard Test date: June, 2018	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> <li>• Unit is unlocked</li> </ul>
EMC Testing Test date: September, 2018	ECR R10: 2014 Addendum 9, Revision 5
EMC Testing Test date: September, 2018	EN 55032:2012 <ul style="list-style-type: none"> <li>• CISPR 32 – Class A</li> <li>• FCC Part 15, Subpart B – Class A</li> </ul>

**Other Certifications**

<b>Description</b>
EN 50581:2012 RoHS2 Directive 2011/65/EU

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