

## Testing Summary

### Getac B300 Gen5 Composite Docking Station

(7160-0526; 7160-0570)

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

Test Description	Test Parameters
Vibration – Operational Test date: March, 2015	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 (3 hours total). <ul style="list-style-type: none"> <li>Unit is unlocked</li> </ul>
Vibration – Operational <b>RF Connection</b> Test date: March, 2015	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 (3 hours total). <ul style="list-style-type: none"> <li>Unit is unlocked</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: March, 2015	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. <ul style="list-style-type: none"> <li>Unit is unlocked</li> </ul>
Vibration – Non-Operational Sinusoidal Test date: March, 2015	10-1000Hz Sine Sweep at 1g Rate = 1 octave per minute
Functional Shock - Non-Operational Test date: March, 2015	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: March, 2015	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>40G, 11ms half sine</li> <li>Unit is unlocked</li> </ul>
Cycle Testing – Non-Operational Test date: March, 2015	<ul style="list-style-type: none"> <li>10,000 cycles of the docking connector, latching and locking mechanisms</li> </ul>
Electrostatic Discharge – Operational Test date: 03/19/2015	ISO 10605, Section 8, Table C.2, Category 2 – Direct Air Discharge

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**Summary of Tests Performed at Independent Facility**

<b>Test Description</b>	<b>Test Parameters</b>
Shock – Crash Hazard Test date: June 2015	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: 03/03/2015	EN 50498:2010
EMC Testing Test date: 03/02/2015	EN 55022:2010/AC:2010 <ul style="list-style-type: none"> <li>• CISPR 22 – 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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