



Testing Summary

Getac ZX70 Tablet Powered Cradle

(7160-1135)

Summary of Tests Performed at Gamber-Johnson

| Test Description | Test Parameters |
|---|--|
| Vibration – Operational Test date: October, 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">• Unit is unlocked• OEM provided operating conditions |
| Vibration – Operational RF Connection Test date: October, 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">• Unit is unlocked• OEM provided operating conditions• Test is performed simultaneously with operational test.• Test is monitored to record any breaks in RF connectivity during vibration. |
| Vibration – Non-Operational (Minimum Integrity) Test date: October, 2018 | Getac Developmental Testing Specification. 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">• Unit is unlocked• OEM provided operating conditions |
| Shock – Bump Test Test date: October, 2018 | Getac Developmental Testing Specification. IEC 60068-2-27:2008. 1000 positive and negative pulses in the vertical axis, 2000 total. <ul style="list-style-type: none">• 25G, 6ms half sine• Unit is unlocked |
| Functional Shock - Operational Test date: October, 2018 | Getac Developmental Testing Specification. 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">• 20G, 11ms Terminal Peak Saw-Tooth• Unit is unlocked |
| Mechanical Shock Safety - Non-Operational Test date: October, 2018 | Getac Developmental Testing Specification. 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">• 40G, 11ms half sine• Unit is unlocked |

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| Directional Force Test Test date: October, 2018 | Getac Developmental Testing Specification. <ul style="list-style-type: none"> DC Jack Strength Test <ul style="list-style-type: none"> Drop 1kg weight on DC jack Cotton thread must exceed 15 cm 10 Cycles. One cycle equals 3 drops per direction. |
| Cycle Testing – Non-Operational Test date: September, 2018 | <ul style="list-style-type: none"> 30,000 cycles of the docking connector, latching and locking mechanisms |
| Electrostatic Discharge – Operational Test date: June, 2018 | ISO 10605, Section 8, Table C.2, Category 2 – Direct Air Discharge |

Summary of Tests Performed at Independent Facility

| Test Description | Test Parameters |
|---|---|
| Shock – Crash Hazard Test date: Sept. 2018 | SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> Unit is unlocked |

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