



Testing Summary

Dell Rugged Tablet Desktop Docking Station

(7160-1997-00, 7160-1997-10)

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Cycle Testing – Non-Operational Test date: Oct., 2024	5,000 cycles of the docking connector, latching and locking mechanisms
Electrostatic Discharge – Operational Test date: Aug., 2024	ISO 10605, Section 8, Table C.2, Category 2 – Direct Air Discharge

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Humidity Test date: Sept., 2024	MIL-STD 810H, Method 507.6, Procedure II, Aggravated, Table 507.6 Ten 24-hour cycles, temperature varied from 30°C to 60°C to 30°C at constant 95% relative humidity.
Thermal Shock Test date: Sept., 2024	MIL-STD 810H, Method 503.7, Procedure I-C - Three, 2-hour cycles from -40°C to 85°C to -40°C - Transition time one minute
Low Temperature: Storage Test date: Sept., 2024	MIL-STD 810H, Method 502.7, Procedure I -40°C Non-Operating, 72-hour duration
Low Temperature: Operational Test date: Sept., 2024	MIL-STD 810H 501.7, Procedure II-Operation -20°C Operating, 24 hour duration
High Temperature: Operational Test date: Sept., 2024	MIL-STD 810H, Method 501.7, Procedure II Five 24-hour cycles, temperature varied from 30°C to 60°C to 30°C

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High Temperature: Storage Test date: Sept., 2024	MIL-STD 810H, Method 502.7, Procedure I Seven 24-hour cycles, temperature varied from 33°C to 71°C to 33°C
EMC Testing Test date: Nov., 2024	EN 55032:2015/A11:2020 - CISPR 32 – Class A - FCC Part 15, Subpart B – Class A - ICES-003, Issue 7:2020 – Class A

Other Certifications

Description
EN 50581:2012 RoHS2 Directive 2011/65/EU

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