TESTING SUMMARY

Trimline Dock and Cradle for Durabook R8 Tablet

(AS7.D008.100 | AS7.D008.102 | AS7.D008.104)

Test Description	Test Parameters
Vibration: Operational *Test date: Aug 2024*	MIL-STD-810G, Method 514.6, Procedure 1 Test duration is one 1-hour cycle along three mutually orthogonal axes – not simultaneously (3 hours total). • Unit is unlocked.
Vibration: Non-Operational *Test date: Aug 2024*	MIL-STD-810G, Method 514.6E, Procedure 1, Test duration is 1-hour along three mutually orthogonal axes – not simultaneously (3 hours total). • Unit is unlocked
Mechanical Shock Safety: Non-Operational *Test date: Sept 2024*	MIL-STD-810G, Method 514.6, Procedure 1, 3 positive and 3 negative pulses along three mutually orthogonal axes. • 40G, 11ms half sine • Unit is unlocked
Cycle Test: Non-Operational *Test date: Sept 2024*	30,000 cycles of the docking connector, latching and locking mechanisms
Shock – Crash Hazard: Non-Operational *Test date: Aug 2024*	SAE J1455, Section 4.11.3.5, per Figure 13 • Unit is unlocked • Unit is tested in front to back and side to side orientations
EMC Testing *Test date: Oct 2024*	• FCC Part 15, Subpart B • ICES-003 Issue 7 • CISPR 32/EN 55032:2012/AC:2013 • EN 50498:2010
Low Temperature: Operational *Test date: Nov 2024*	MIL-STD 810H: CHG1, Method 502.7, Procedure ll • -20°C [-4°F] Operational, 24 hours
Low Temperature: Storage *Test date: Nov 2024*	MIL-STD 810H: CHG1, Method 502.7, Procedure l • -40°C [-40°F] Non-Operational, 72 hours
High Temperature: Operational *Test date: Nov 2024*	MIL-STD 810H: CHG1, Method 501.7, Procedure ll • 30°C to 63°C [145°F], Operational, 24h per cycle, 5 cycles
High Temperature: Storage *Test date: Nov 2024*	MIL-STD 810H: CHG1, Method 501.7, Procedure I • 85°C [185°F] Non-Operational, 72 hours
Humidity *Test date: Dec 2024*	MIL-STD 810H Method 507.6, Procedure II, Aggravated, Figure 507.6-7 • Ten 24-hour cycles, temperature varied from 30°C [86°F] to 60°C [140°F] to 30°C [86°F] at constant 95% relative humidity.

Test Description	Test Parameters
Thermal Shock *Test date: Dec 2024*	MIL-STD-810H: CHG1, Method 503.7 • Three cycles from 85°C[185°F] to -40°C[-40°F] to 85°C[185°F]; Dwell Time of 1 hours at each temp.

Other Certifications

Description
ROHS COMPLIANT; UKCA;