TESTING SUMMARY

Trimline Dock and Cradle for Dell 7230 Tablet Dock

(AS7.D921.102 | AS7.D921.100 | AS7.D921.104 | AS7.D921.105|)

Test Description	Test Parameters
Vibration: Operational *Test date: Jan 2023*	MIL-STD-810H, Method 514.6, Procedure 1 Test duration is one 2-hour cycle along three mutually orthogonal axes – not simultaneously (6 hours total). • Unit is unlocked.
Vibration: Non-Operational *Test date: Jan 2023*	MIL-STD-810H, Method 514.6, Procedure 1, Test duration is one hour along three mutually orthogonal axes – not simultaneously (3 hours total). • Unit is unlocked
Mechanical Shock Safety: Non-Operational *Test date: Sep 2021*	MIL-STD-810G, Method 514.6, Procedure 1 • 40G, 11ms half sine • Unit is unlocked
Cycle Test: Non-Operational *Test date: Feb 2023*	30,000 cycles of the docking connector, latching and locking mechanisms
Shock – Crash Hazard: Non-Operational *Test date: Nov 2022*	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: Dec 2022*	• FCC Part 15, Subpart B • ICES-003 Issue 7 • CISPR 32/EN 55032:2012/AC:2013 • EN 50498:2010
Low Temperature: Operational *Test date: May 2022*	MIL-STD 810G: CHG1, Method 502.5, Procedure ll • -20°C [-4°F] Operational, 24 hours
Low Temperature: Storage *Test date: Jan 2023*	MIL-STD 810G: CHG1, Method 502.5, Procedure l • -40°C [-40°F] Non-Operational, 24 hours
High Temperature: Operational *Test date: Jan 2023*	MIL-STD 810G: CHG1, Method 501.5, Procedure ll • 60°C [140°F], Operational, 24h per cycle, 5cycles
High Temperature: Storage *Test date: Jan 2023*	MIL-STD 810G: CHG1, Method 501.6, Procedure I • 71°C [160°F] Non-Operational, 24h per cycle, 7cycles
Humidity *Test date: Jan 2023*	MIL-STD 810G Method 507.5, 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.

Other Certifications

Description
ROHS COMPLIANT; UKCA;