



TESTING SUMMARY

TrimLine Dock and Cradle for Dell Laptop

(AS7.D900.100 | AS7.D900.103 | AS7.D900.104 | AS7.D901.100 | AS7.D901.103)

Test Description	Test Parameters
Vibration: Operational <i>Test date: October 2021</i>	MIL-STD-810G:2014, Method 514.7, Annex C, Category 4, per Figure 514.7C-1. Test duration is one hour along three mutually orthogonal axes (3 hours total). <ul style="list-style-type: none"> • Unit is unlocked • RF ports were also monitored during the test
Vibration: Non-Operational <i>Test date: October 2021</i>	MIL-STD-810G:2014, Method 514.7, Annex C, Category 24, per Figure 514.7E-1. Test duration is one hour along three mutually orthogonal axes (3 hours total). <ul style="list-style-type: none"> • Unit is unlocked
Mechanical Shock Safety: Operational <i>Test date: October 2021</i>	MIL-STD-810G:201, Method 516.7, Procedure I Basic Standard: SAE J1455:2012 <ul style="list-style-type: none"> • 20G, 6ms, half sine, 3 Axis. • Unit is unlocked
Mechanical Shock Safety: Non-Operational <i>Test date: April 2016</i>	MIL-STD-810G:2014, Method 516.7, Procedure I <ul style="list-style-type: none"> • 40G, 11ms half sine, 3 Axis • Unit is unlocked
Cycle Test – Non Operational <i>Test date: October 2021</i>	30,000 cycles of the docking connector, latching and locking mechanisms
Shock – Crash Hazard <i>Test date: October 2021</i>	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> • Unit is unlocked
Low Temperature: Operational <i>Test date: April 2016</i>	MIL-STD 810G:2014, Method 502.6, Procedure II <ul style="list-style-type: none"> • -29°C Operation, 8 hours
Low Temperature: Storage <i>Test date: June 2020</i>	MIL-STD 810G:2014, Method 502.6, Procedure I <ul style="list-style-type: none"> • -51°C Non-Operational, 72 hours
High Temperature: Operational <i>Test date: April 2018</i>	MIL-STD 810G:2014, Method 501.6, Procedure II <ul style="list-style-type: none"> • 63°C, 8 hours
High Temperature: Storage <i>Test date: April 2016</i>	MIL-STD 810G:2014, Method 501.6, Procedure I <ul style="list-style-type: none"> • 85°C Non-Operational, 24 hours
Humidity <i>Test date: July 2019</i>	MIL-STD 810G:2014, Method 507.6, Procedure II, Aggravated, Table 507.6 <ul style="list-style-type: none"> • Ten 24-hour cycles, temperature varied from 30°C to 60°C to 30°C at constant 95% relative humidity.