



**Testing Summary for
Retrofit Pocket Kit for the Dell Latitude Rugged Laptop Docking
Station
(7110-1391)**

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational September, 2021	MIL-STD-810H, Method 514.8, Procedure 1, Category 4, per Figure 514.8C-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
Vibration – Non-Operational (Minimum Integrity) September, 2021	MIL-STD-810H, Method 514.8, Category 24, per Figure 514.8E-1. Test duration is one hour along three mutually orthogonal axes – not simultaneously. <ul style="list-style-type: none"> • Unit is unlocked
Functional Shock - Non-Operational September, 2021	MIL-STD-810H, Method 516.8, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> • 20G, 11ms half sine • Unit is unlocked
Mechanical Shock Safety - Non-Operational September, 2021	MIL-STD-810H, Method 516.8, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses <ul style="list-style-type: none"> • 40G, 11ms half sine • Unit is unlocked
Cycle Testing – Non-Operational September, 2021	30,000 cycles of the docking connector, latching and locking mechanisms

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Shock – Crash Hazard October, 2021	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> • Unit is unlocked

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