



**Testing Summary for
Samsung Tab Active 2 Cradle Lite Powered
(7160-1148-00, 7160-1148-10)**

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational September, 2018	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, 2018	MIL-STD-810H, Method 514.8, Category 24, per Figure 514.8 E-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 September, 2018	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, 2018	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

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Humidity April, 2018	MIL-STD 810G, Method 502.5, Procedure II, Aggravated, Table 507.5-IX <ul style="list-style-type: none"> • Ten 24-hour cycles, temperature varied from 30°C to 60°C at constant 95% relative humidity.
Low Temperature: Operational January, 2018	MIL-STD 810G, Method 502.5, Procedure II <ul style="list-style-type: none"> • 24-hour soak at -20°C
Low Temperature: Storage January, 2018	MIL-STD 810G, Method 502.5, Procedure II <ul style="list-style-type: none"> • 24-hour soak at -40°C

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High Temperature: Operational April, 2018	MIL-STD 810G, Method 501.5, Procedure II, Table 501.5-II, Induced Conditions <ul style="list-style-type: none"> • (5) cycles where (1) cycle is 24 hours. • Each cycle the temperature varies from 30°C to 60°C to 30°C
High Temperature: Storage April, 2018	MIL-STD 810G, Method 501.5, Procedure I, Table 501.5-III, Induced Conditions <ul style="list-style-type: none"> • (7) cycles where (1) cycle is 24 hours • Each cycle the temperature varies from 33°C to 71°C to 33°C
Shock – Crash Hazard June, 2018	SAE J1455, Section 4.11.3.5, per Figure 13 <ul style="list-style-type: none"> • Unit is unlocked
EMC Testing May, 2018	EN 55032:2012 <ul style="list-style-type: none"> • CISPR 32 – Class A • FCC Part 15, Subpart B – Class A • ICES-003, Issue 6:2016 – Class A
E-Mark April, 2018	ECE R10 REV.5

Other Certifications

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

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