



Testing Summary

Samsung Tab Active Pro Tablet Docking Station

(7160-1418)

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational Test date: October, 2019	MIL-STD-810G, Method 514.6, Procedure 1, Category 4, per Figure 514.6C-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) Test date: October, 2019	MIL-STD-810G, Method 514.6, Category 24, per Figure 514.6E-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 Test date: October, 2019	MIL-STD-810G, Method 516.6, 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 Test date: October, 2019	MIL-STD-810G, Method 516.6, 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
Electrostatic Discharge – Operational Test date: October, 2019	ISO 10605, Section 8, Table C.2, Category 2 – Direct Air Discharge
Cycle Testing – Operational Test date: November, 2019	30,000 cycles of the docking connector and latching mechanisms

Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Humidity Test date: October- November, 2019	MIL-STD 810G, Method 507.5, Procedure II, Aggravated, Table 507.5-I <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.

An ISO 9001:2015 certified company

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Low Temperature: Operational Test date: October- November, 2019	MIL-STD 810G, Method 502.5, Procedure II <ul style="list-style-type: none"> -20°C Operating, 24-hour duration
Low Temperature: Storage Test date: October- November, 2019	MIL-STD 810G, Method 502.5, Procedure I <ul style="list-style-type: none"> -40°C Non-Operating, 24-hour duration
High Temperature: Operational Test date: October- November, 2019	MIL-STD 810G, Method 501.5, Procedure II, Table 501.5-II, Induced Conditions <ul style="list-style-type: none"> Five 24-hour cycles, temperature varied from 30°C to 60°C to 30°C
High Temperature: Storage Test date October- November, 2019	MIL-STD 810G, Method 501.5, Procedure I, Table 501.5-III, Induced Conditions <ul style="list-style-type: none"> Seven 24-hour cycles, temperature varied from 33°C to 71°C to 33°C
EMC Testing Test date: October, 2019	EN 55032:2015 <ul style="list-style-type: none"> CISPR 32 – Class A FCC Part 15, Subpart B – Class A
EMC Testing Test date: October, 2019	<ul style="list-style-type: none"> EN 50498:2010

Other Certifications

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

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