

Testing Summary

Panasonic FZ-X1 Docking Station

(7160-0564; 7160-594)

Summary of Tests Performed at Gamber-Johnson

Test Description	Test Parameters
Vibration – Operational Test date: November, 2014	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). - Unit is unlocked - Panasonic provided operating conditions
Vibration – Non-Operational (Minimum Integrity) Test date: November, 2014	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. - Unit is unlocked - Panasonic provided operating conditions
Vibration – Non-Operational Sinusoidal Test date: November, 2014	10-200Hz Sine Sweep Panasonic provided operating conditions
Functional Shock - Non-Operational Test date: November, 2014	MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses 20G, 11ms half sine - Unit is unlocked
Mechanical Shock Safety - Non-Operational Test date: November, 2014	MIL-STD-810G, Method 516.6, Procedure 1, 3 positive and 3 negative pulses each axis (vertical, longitudinal and transverse), 18 pulses 40G, 11ms half sine - Unit is unlocked
Cycle Testing – Non-Operational Test date: November, 2014	10,000 cycles of the docking connector, latching and locking mechanisms
Electrostatic Discharge – Operational Test date: November, 2014	ISO 10605, Section 8, Table C.2, Category 2 – Direct Air Discharge

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Summary of Tests Performed at Independent Facility

Test Description	Test Parameters
Shock – Crash Hazard Test date: September 2014	SAE J1455, Section 4.11.3.5, per Figure 13 Unit is unlocked
EMC Testing Test date: 9/16/2014	EN 50498:2010
EMC Testing Test date: 9/15/2014	EN 55022:2010/AC:2010 - CISPR 22 – Class A - FCC Part 15, Subpart B – Class A

Other Certifications

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

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