

TESTING SUMMARY

Wireless Charger Cradle (AS7.U050.013-X,014-X,015)

Test Description	Test Parameters
Vibration: Non-Operational	MIL-STD-810H, Method 514.8, Procedure I. Test duration is one hour along three mutually orthogonal axes – not simultaneously (3 hours total).
Mechanical Shock Safety: Non-Operational	MIL-STD-810H, Method 516.8, Procedure I. • 40G, 11ms half sine, Axis 3, Directions 6.
Cycle Test: Non-Operational	30,000 cycles of the latching and locking mechanisms
Shock – Crash Hazard: Non-Operational	SAE J1455, Section 4.11.3.5, per Figure 13 • Unit is tested in front to back and side to side orientations
EMC Testing	<ul style="list-style-type: none"> • FCC Part 18, Clause 18.305 & Clause 1.1310. • RSS – 216 • FCC Part 1, Clause 1.1310 • FCC Part 15, Subpart B • ICES-003 Issue 6 • CISPR 32/EN 55032:2012/AC:2013 • EN 50498:2010
Low Temperature: Operational	MIL-STD 810H, Method 502.7, Procedure II • 0°C Operation, 24 hours
Low Temperature: Storage	MIL-STD 810H, Method 502.7, Procedure I • -20°C Non-Operational, 72 hours
High Temperature: Operational	MIL-STD 810H, Method 501.7, Procedure II, Category A2, Included. Conditions • Five 24-hour cycles, temperature varied from 30°C to 63°C to 30°C
High Temperature: Storage	MIL-STD 810H, Method 501.7, Procedure I, Conditions • 80°C Non-Operational, 72 hours
Thermal Shock	MIL-STD 810H, Method 503.7, Procedure I-C • Fifty cycles from 80°C to -20°C to 80°C; Dwell Time of 2 hours at each temp.
EU Safety (LVD)	• EN IEC 62368-1: 2020 + A11: 2020
RoHS Compliance	• EN IEC 63000:2018, RoHS3 Directive 2015/863





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