ASUS MIL-STD 810G Test Report - C214MA

	Test Category	Test Method	MIL-STD-810G Test Parameters	Test Result
	Altitude Storage/Air Transport	Method 500.5 Procedure I	Test Pressure: Equivalent to cabin altitude of 40,000ft Temperature: -30°C and 60°C Altitude Change Rate: <10 m/s Duration:12 and 12 hour Unit is non-operational during test.	Pass
	Altitude Operation/Air Carriage	Method 500.5 Procedure II	Test Pressure: Equivalent to cabin altitude of 15,000ft Temperature: 5°C and 40°C Altitude Change Rate: <10 m/s Duration:12 and 12 hour Unit is operational during test.	Pass
	High Temperature Storage and Transit	Method 501.5 Procedure I	Duration: 7 day exposure (7 X 24 hr. cycles) Temperature:33°C~71°C Table 501.5 - III High temperature cycles, climate category A1 Hot Dry Unit is non-operational during test.	Pass
	High Temperature Operational	Method 501.5 Procedure II2	Duration: 3 day exposure (3 X 24 hr. cycles) Temperature: 32~49°C cycling temperature exposure Table 501.5 - III High temperature cycles, climate category A1 Hot Dry Unit is operational during test.	Pass
	Low Temperature Storage and Transit	Method 502.5 Procedure I	Duration:7 day exposure (7 X 24 hr. cycles) Temperature: -25~ -33°C Table 502.5 - I Low temperature cycles, Basic Cold Unit is non-operational during test.	Pass
	Humidity Aggravated Cycle	Method 507.5 Procedure II	Duration:10 Days Temperature: Cyclic per Figure 507.5-7 (30°C and 60°C) Humidity: 95% RH, constant Unit is non-operational during test.	Pass
	Shock Bench Handling	Method 516.6 Procedure VI	1. Free Fall Side : Top side, Bottom side 2. Test Side : Front Side, Rear Side, Right Side, Left Side 3. No. of Drops : Four times on each direction 4. Drop Surface : wooden 5. Condition : Power On 6. Drop Height : 100 mm	Pass
	Vibration	Method 514.6	Operational Vibration, 5-500 Hz, Vertical : 2.24 Grms /Transverse : 1.48Grms /Longitudinal : 1.9Grms, random 2 hour per axis Table 514.6C-VI. Category - 3 - Composite wheeled vehicle vibration exposure	Pass