



TEST CERTIFICATE

Certificate # C22107B

Client:	Jenn Pregowski/Cameron Moore MAX Interactive 130 McCormick Costa Mesa, CA 92626	Phone: (888) 799-6837 x1102 Fax: N/A Email: jenn@maxcases.com
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Test Site:	Quality Testing Services 15661 Producer Lane, Unit H Huntington Beach, CA 92649	Phone: (714) 903-1155 Email: Eric@qualitytest.net
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Quote #	Verbal
Job number #	22107B
PO #	Unk
Product Tested:	Dell 3189, Extreme Shell 2.0

Authorization	
Tom Prendergast	2-22-2018
Test Performed By	Test Date(s)
Eric Gerlach	2-22-2018
Test Certificate Author Owner	Date

Testing Performed			
Description	Specification / Paragraph	Test levels	Notes
Transit Drop Test	MIL STD 810G, Method 516.6, Paragraph 4.6.5.3, Procedure IV	<p>Drop on each face, edge and corner for a total of 26 drops.</p> <p>The drop on the bottom back edge was omitted as the case provided no protection for that edge.</p>	<p>On the front bottom edge drop, case slightly popped off but no damage was visible to laptop.</p> <p>On the lower bottom edge drop, the case slightly separated but no damage was visible.</p> <p>On the top left edge drop, case slightly separated.</p> <p>On the bottom left edge drop, the screen hinge broke on the laptop.</p> <p>At the end of drop testing, the left hinge of the laptop monitor was damaged. Minor scuffing from drop testing was visible on the case. Device was still fully operational following drop testing.</p>

Biasing / Monitoring:

The unit was in sleep mode during the test procedure. At the conclusion of drop testing, device was fully operational.

Test Equipment:			
Equipment Name	Model #	Serial #	Calibration Due

Drop Test Breakdown:

Angle	Pass	Fail	Notes
Front Face	X		
Back Face	X		
Top Face	X		
Bottom Face	X		
Right Face	X		
Left Face	X		
Top Right Edge	X		
Top Left Edge	X		Case slightly separated
Top Front Edge	X		Case slightly separated
Top Back Edge	X		
Bottom Right Edge	X		
Bottom Left Edge	X		Screen hinge (left) on laptop monitor broke
Bottom Front Edge	X		Case slightly separated
Right Front Edge	X		
Right Back Edge	X		
Left Front Edge	X		
Left Back Edge	X		
Top Right Front Corner	X		
Top Right Back Corner	X		
Top Left Front Corner	X		
Top Left Back Corner	X		
Bottom Right Front Corner	X		
Bottom Right Back Corner	X		
Bottom Left Front Corner	X		
Bottom Left Back Corner	X		

Pictures



Pre-test photo of Top of Laptop



Pre-test photo of Bottom of Laptop



Hinge damage



Drop Test