Vibration

This test subjects the camera to a sine wave test. The cameras are then verified as operational, disassembled and inspected for damage, reassembled and tested again.

Pass/Fail Criteria

- All cameras must be functionally operational with no internal damage (such as solder cracks or loose components) after the test.

Test Configuration

Specification	Description
Acceleration	10 G
Frequency	14 Hz to 200 Hz
Sweep Velocity	20 minutes / cycle (14 Hz-->200 Hz-->14 Hz)
Direction	X, Y, Z Axis
Iterations	5 sets (where X, Y, Z = 1 set)
Test Sequence	Position 1-->Position 2-->Position 3-->Position 1--> ... -->Position 3

Additional Configuration

- None.

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Camera Reference

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