

Thermal Cycling <sup>(5)</sup>	E417.11(h)	X	X	X
Humidity <sup>(5)</sup>	E417.11(g)	X	X	X
Acceleration <sup>(5)</sup>	E417.11(f)	X	X	X
Shock <sup>(5)</sup>	E417.11(e)	X	X	X
Sinusoidal Vibration <sup>(5)</sup>	E417.11(b)	X	X	X
Acoustic <sup>(5)</sup>	E417.11(d)	X	X	X
Random Vibration <sup>(5)</sup>	E417.11(c)	X	X	X
Tensile Load	E417.9(j)	X	-	-
Abbreviated Antenna Pattern	E417.17(g)	-	-	X
Internal Inspection	E417.5(g)	-	X	X

<sup>(1)</sup> Each sample component to undergo qualification testing must first successfully complete all acceptance tests identified by table E417.17-1 of this section.

<sup>(2)</sup> The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test.

<sup>(3)</sup> A component must undergo this test before the first and after the last non-operating environment test and before the first and after the last operating environment test.

<sup>(4)</sup> A component must undergo this test during the operating environment tests.

<sup>(5)</sup> A component must undergo this test with flight radio frequency cables attached in the flight representative configuration.

<sup>(6)</sup> The same three sample components must undergo each test designated with an X.

For a test designated with a quantity of less than three, each sample component tested must be one of the original three sample components.