Humidity (5) Acceleration (5) E417.11(g) X X X Shock (5) E417.11(e) X X X Sinusoidal Vibration (6) E417.11(b) X X X X Acoustic (5) E417.11(c) X X X X Random Vibration (6) E417.11(c) X X X X Tensile Load E417.11(c) X X X Tensile Load E417.17(g) Abbreviated Antenna Pattern E417.17(g) - X Internal Inspection E417.5(g) The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Thermal Cycling (5)	E417.11(h)	X	X	X
Shock (5) Sinusoidal Vibration (5) E417.11(b) X X X Acoustic (5) E417.11(d) X X X Random Vibration (5) E417.11(e) X X X Tensile Load E417.11(e) X X X Tensile Load E417.9(j) X - Abbreviated Antenna Pattern E417.17(g) - X Internal Inspection E417.5(g) The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. (3) 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. (4) A component must undergo this test during the operating environment tests. (5) A component must undergo this test with flight radio frequency cables attached in the flight representative configuration.	Humidity (5)	E417.11(g)	X	X	X
Sinusoidal Vibration (5) Acoustic (5) E417.11(d) E417.11(e) E417.11(e) E417.11(e) E417.11(e) E417.11(e) E417.11(e) E417.11(e) E417.11(e) E417.17(g) Abbreviated Antenna Pattern E417.17(g) E417.5(g) E417.5(g) E417.17-1 of this section. The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Acceleration (5)	E417.11(f)	х	X	X
Acoustic (5) Random Vibration (5) E417.11(c) E417.11(c) X X X Tensile Load E417.9(j) Abbreviated Antenna Pattern E417.17(g) E417.5(g) E417.5(g) E417.17-1 of this section. The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. A component must undergo this test before the first and after the last non-operating environment test. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. The same three sample components must undergo each test designated with an X.	Shock (5)	E417.11(e)	X	X	X
Random Vibration (5) E417.11(c) X X X Tensile Load E417.9(j) Abbreviated Antenna Pattern E417.17(g) - X Internal Inspection E417.5(g) - X X Internal Inspection E417.5(g) - X X Internal Inspection E417.17-1 of this section. The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Sinusoidal Vibration (5)	E417.11(b)	X	X	X
Tensile Load E417.9(j) X Internal Inspection E417.5(g) E417.5(g) The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. A component must undergo this test before the first and after the last non-operating environment test. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Acoustic (5)	E417.11(d)	X	X	X
Abbreviated Antenna Pattern E417.17(g) - X Internal Inspection E417.5(g) - X X The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. The same three sample components must undergo each test designated with an X.	Random Vibration (5)	E417.11(c)	X	X	X
Internal Inspection Each sample component to undergo qualification testing must first successfully complete all acceptance tests identified by table E417.17-1 of this section. The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Tensile Load	E417.9(j)	X	-	-
Each sample component to undergo qualification testing must first successfully complete all acceptance tests identified by table E417.17-1 of this section. The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Abbreviated Antenna Pattern	E417.17(g)	-	-	X
complete all acceptance tests identified by table E417.17-1 of this section. The radio frequency receiving system, including the antenna, radio frequency cables, and radio frequency coupler must undergo this test. 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. A component must undergo this test during the operating environment tests. A component must undergo this test during the operating environment tests. A component must undergo this test with flight radio frequency cables attached in the flight representative configuration. The same three sample components must undergo each test designated with an X.	Internal Inspection	E417.5(g)	-	X	X
For a test designated with a quantity of less than three, each sample component	The radio frequency receiving system, included cables, and radio frequency coupler must unterpose this test before operating environment test and before the frequency coupler must undergo this test before operating environment test and before the frequency coupler must undergo this test during A component must undergo this test during A component must undergo this test with flether flight representative configuration. The same three sample components must undergo the same three samples components must unde	ding the antenna, randergo this test. the first and after the lassifiest and after the lassifiest and after the operating envirously ight radio frequence	he last not to operation to y cables a signated v	ency n- ng ests. ttached in with an X.	