

3. SYSTEM TEST CONFIGURATION AND JUSTIFICATION

3.1. EUT Operation Mode and Test Justification

The receiver was tested in a configuration whereby all of the available input/output impedance matched loads are attached and functional. The receiver operates a 24 VAC external wall mount ac adaptor power source. The chosen operating mode fully exercises and duplicates all normal activity that may be expected by a user. This operation provides the worst case for EMC, in that all devices on EUT are active and working normally.

The transmitter was only performed radiated emission test. Because of the transmitter operates with an internal 9 volts potable battery. Therefore, no conducted emission testing was performed for the transmitter.

3.2. EUT Exercise Software

No software was used to exercise the test sample.

3.3. General and Special Conditions

No alternate test method or special accessories were used to achieve compliance.

3.4. EUT Modifications

No modification was required to achieve compliance.

3.5. Cable Configurations

Followings are cables used in the compliance test.

- a. AC Adaptor cable; Power to receiver, unshielded 2 conductor cable, one end fix to wall mount ac adaptor.
- b. 8 of AWG #20 wires; Connect between receiver and load terminal, unshielded 1 conductor wire.

