

2. Test Results

2.1 AC POWERLINE CONDUCTED EMISSION MEASUREMENT

1) Reference Rule and Specification

FCC Rule Part 15, Section 15.107(a)

2) Test Procedure

2-1) Configure the EUT System in accordance with ANSI C63.4-1992 section 7 and 12.2.

Connect the EUT's AC line cord to the EUT port of LISN.

2-2) All input terminals are terminated in the proper impedance.

The output ports are connected to the cable provided with the device and the ending port are terminated in the proper impedance.

2-3) Activates the EUT system

Using a calibrated coaxial cable, the TEST RECEIVER is connected to the measuring port of the LISN for EUT.

2-4) To the find out an EUT condition procedures the maximum emission, the position of cables, EUT operations mode are checked under normal usage of EU. Then, the emission are scanned from 0.45MHz to 30MHz relative to the limit are recorded.



2.2 RADIATED EMISSION MEASUREMENT

1) Reference Rule and Specification

FCC Rule Part 15, Section 15.109(a) and (c)

2) Test Procedure

2-1) Configure the EUT System in accordance with ANSI C63.4-1992 section 8 and 12.2.

2-2) Power cords for the EUT System are connected the receptacle on the ground plane. The output ports are connected to the cable provided with the device and the ending port of the cable are terminated in the proper impedance.

2-3) Activates the EUT system. To find out the emission of the EUT system, preliminary radiated measurement are performed at a closer distance than that specified for final radiated measurement.

2-4) To determine the EUT condition produces the maximum emission, the cable positions are checked under normal usage. In final compliance test, the maximum emissions recorded above are measured at the specified distance.

