TEST SET UP DIAGRAM FOR AC CONDUCTED LINE TESTING MODEL 22430XXX-A

ANSI ELECTRICAL AND ELECTRONIC EQUIPMENT IN THE RANGE OF 9 kHz TO 40 GHz C63.4-1992 10 **EUT** cm 10 **NONCONDUCTIVE** cm TABLE 1.5 X 1 METER 5 6 80 cm TO GROUND PLANE 3.1 3.3 3.3 40 cm CONDUCTING GROUND PLANE EXTENDS AT LEAST 0.5 m LISN BEYOND EUT SYSTEM FOOTPRINT LISN 3.2

†LISNs may have to be moved to the side to meet 3.3 below.

LEGEND:

- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 to 40 cm long, hanging approximately in the middle between ground plane and table.
- 2. I/O cables that are connected to a peripheral shall be bundled in center. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1 m.
- 3. EUT connected to one LISN. Unused LISN connectors shall be terminated in 50 Ω. LISN can be placed on top of, or immediately beneath, ground plane.
 - 3.1 All other equipment powered from se∞nd LISN.
 - 3.2 Multiple outlet strip can be used for multiple power cords of non-EUT equipment.

BONDED TO GROUND PLANE

- 3.3 LISN at least 80 cm from nearest part of EUT chassis.
- 4. Cables of hand-operated devices, such as keyboards, mouses, etc., have to be placed as close as possible to the host.
- 5. Non-EUT components being tested.
- 6. Rear of EUT, including peripherals, shall be all aligned and flush with rear of tabletop.
- 7. Rear of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the floor ground plane (see 5.2).

Fig 9(a)
Test Configuration
Tabletop Equipment Conducted Emissions

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