

ECMA-199, Immunity of VDUs to Power Frequency Magnetic Fields

SCOPE

This Standard defines the performance criteria and the procedure for testing the immunity of visual display units using direct-view cathode ray tube technology (VDUs) to magnetic disturbances at power frequency occurring in:

- residential and office locations,
- commercial and light industrial locations, and
- heavy industrial locations

This Standard establishes a common and reproducible basis for evaluating the performance of VDUs.

Disturbances due to capacitive or inductive coupling on the cables or other parts of the field installation are outside the scope of this Standard.

This ECMA Standard is based on the basic standard IEC 1000-4-8, the requirements of which are applicable to the measurement of the magnetic field immunity of VDUs except where in conflict with the requirements of this ECMA Standard.