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ON THE EMF EXPOSURE DUE TO VIDEO DISPLAY UNITS

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Abstract. The rapid proliferation of the computers has lead to a large increase in the video display units (VDUs) use in both the workplace and at home. A significant number of VDUs currently in use are based on the cathode ray tube (CRT) technology, which raised questions about adverse health effects associated with the electric and magnetic fields found near the CRTs. This paper addresses important issues related to the electric and magnetic fields of VDUs, such as the comparison with the exposure guidelines and emission characterization techniques.

Keywords: video display units (VDUs), electromagnetic fields, exposure guidelines, emission characterization.