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Threats associated with electromagnetic field immunity tests of electronic devices according to selected standards

Tytuł

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Abstract: Electromagnetic disturbances may interfere in operation of electronic devices. For protection against this phenomenon, each

device should be subjected to EMC tests. Such tests are provided to check whether the device does not introduce too high level disturbances into the environment and whether it is sufficiently resistant to the electromagnetic field that may occur in this environment. The article describes test methods for electromagnetic interference immunity in relation to selected standards and an attempt of evaluation the reliability of the results has been undertaken.

Keywords: electromagnetic compatibility, electromagnetic disturbances, devices immunity, measurement techniques

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