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The effects of voltage harmonics on accuracy of indications of laboratory measuring instruments

Authors Przemysław Zazula - Regional Office of Measures in Poznań (Okręgowy Urząd Miar w Poznaniu)

[metrological traceability](#) [power supply](#) [voltage harmonics](#)

Abstract

The article discusses the possible impact of the lack of evaluation of one of the parameters treated as a reference during measurements on the system that ensures metrological traceability. The article is limited to instruments measuring electricity supplying loads from various external sources, power grid, accidental UPS, replacement power supply. The impact of distortions introduced by sample power sources was presented and evaluated.

Bibliography

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