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Work title: Use of broadband and narrowband measurement scheme for partial discharge control by electrical method

Annotation:

The work focuses on the problems associated with the use of narrowband measurement schemes in the resonant frequency range defined by IEC 60270 and broadband schemes for partial discharge measurements in the frequency range of 100 kHz - 500 kHz.

In this work, measurements of partial discharges were carried out in laboratory conditions at the Department of HVEE.

Broadband and narrowband measurement schemes were used to register the partial ones. The results of measurements were analyzed.