Record Nr. UNISA996280194703316 IEEE standard procedures for the measurement of radio noise from Titolo overhead power lines and substations Pubbl/distr/stampa New York:,: IEEE,, 2017 **ISBN** 1-5044-3695-4 Descrizione fisica 1 online resource (49 pages) 621 Disciplina Soggetti Radio noise - Measurement - Standards Electric noise - Measurement - Standards Overhead electric lines - Standards Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto Uniform procedures for the measurement of radio noise generated by corona from overhead power lines and substations are established in this standard. Measurement procedures in this standard are also valid for other power-line noise sources such as gaps and harmonics; however, most of the precautionary information, analysis, and data plotting techniques were written and developed primarily for corona discharges. The procedures are not valid for measuring transient radio noise sources that occur during breaker or disconnect switching operations. The procedures apply in the frequency range of 0.010 MHz to 1000 MHz; however, the emphasis is on the standard amplitudemodulation broadcasting (0.535 MHz to 1.605 MHz) and television broadcasting (54 MHz to 72 MHz, 76 MHz to 88 MHz, 174 MHz to 216 MHz, and 470 MHz to 698 MHz) bands. This standard is applicable to both ac and dc transmission lines and substations.