Record Nr. UNISA996278285103316 IEEE Standard for Terminology and Test Methods for Circuit Probes // **Titolo IEEE** Pubbl/distr/stampa New York, N.Y.:,: IEEE, , 2014 **ISBN** 0-7381-8878-6 Descrizione fisica 1 online resource (viii, 55 pages): illustrations Collana IEEE Std;; 1696-2013 621.3 Disciplina Soggetti Electric circuits Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Currently, no defined, industry-accepted method exists for Sommario/riassunto characterizing the performance of electrical circuit probes. Each vendor has its own proprietary methods for characterization, leaving probe customers and users without a valid means of comparing probe performance and/or of understanding the circuit-loading effect of the probe. Methods for measuring parameters indicative of a probe's or probe system's performance and guidance on the design and use of a test fixture for measuring probe performance are provided by this standard. An industry-accepted, unbiased means for characterizing probe performance is given by these methods. High-impedance voltage probes that are used to measure the performance of electrical circuits are considered by this standard. The probe systems may include waveform acquisition hardware and software and signal/waveform analysis software. The probe will include the mechanism by which the circuit is contacted. This method and standard will be applicable to all individual probes having one signal conductor and one ground conductor or two signal conductors, and having an input impedance at

least five times greater than the impedance of the circuit under test.