1. Record Nr. UNINA9910135404803321 IEC 62860-1: 2013(E) IEEE Std. 1620.1-2006: Test methods for the Titolo characterization of organic transistor-based ring oscillators / / Institute of Electrical and Electronics Engineers Piscataway, New Jersey:,: IEEE,, 2013 Pubbl/distr/stampa **ISBN** 0-7381-8687-2 Descrizione fisica 1 online resource (26 pages) Disciplina 621.381533 Oscillators, Electric Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Recommended methods and standardized reporting practices for Sommario/riassunto electricalcharacterization of printed and organic ring oscillators are covered. Due to the nature of printedand organic circuits, significant measurement errors can be introduced if the electricalcharacterization design-of-experiment is not properly addressed. This standard describes themost common sources of measurement error, particularly for high-impedance electricalmeasurements commonly required for printed and organic ring oscillators. This standard alsogives recommended practices in order to minimize and/or characterize the effect of measurementartifacts and other sources of error encountered while measuring printed and organic ringoscillators.