1. Record Nr. UNISA996279880803316 Titolo ANSI N42.45-2011: American National Standard for Evaluating the Image Quality of X-ray Computed Tomography (CT)Security-Screening Systems / / Institute of Electrical and Electronics Engineers New York, New York:,: IEEE,, 2011 Pubbl/distr/stampa **ISBN** 0-7381-6651-0 Descrizione fisica 1 online resource (58 pages) Disciplina 616.075722 Soggetti Biomedical engineering Computer vision Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Test methods and test articles for the evaluation of the image quality of Sommario/riassunto CT security screening systems are provided. The quality of data for automated analysis is the primary concern. This standard does not address the system's ability to use its image data to automatically detect explosives or other threat materials, which is typically verified by an appropriate regulatory body.