1. Record Nr. UNISA996280423203316

Titolo	IEEE Recommended Practice for Precision Centrifuge Testing of Linear Accelerometers : Redline / / IEEE
Pubbl/distr/stampa	New York, N.Y. : , : IEEE, , 2009
ISBN	0-7381-6987-0
Edizione	[(Revision of IEEE Std 836-2001).]
Descrizione fisica	1 online resource (136 pages)
Collana	IEEE Std ; ; 836-2009
Disciplina	620.0
Soggetti	System failures (Engineering) - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This recommended practice describes the conduct and analysis of precision tests that are to be performed on linear accelerometers using centrifuge techniques. The term precision, in this context, refers to tests that are conducted to evaluate accelerometer parameters, as opposed to those conducted to establish environmental survivability only. Evaluation may take the form of determining the coefficients of the accelerometers model equation, except for bias and scale factor, which are most accurately determined by static multi-position tests. Alternatively, evaluation may only establish that the accelerometer output complies with specific error limit criteria.