

1. Record Nr.	UNISA996575059403316
Titolo	4003-2021 : IEEE Standard for Spaceborne Global Navigation Satellite System-Reflectometry (GNSS-R) Data and Metadata Content / / Institute of Electrical and Electronics Engineers
Pubbl/distr/stampa	New York, NY, USA : , : IEEE, , 2021
ISBN	1-5044-7994-7
Descrizione fisica	1 online resource (27 pages)
Disciplina	910.285
Soggetti	Global Positioning System Reflectometer Remote sensing - Data processing Speech processing systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	In February 2019 a Project Authorization Request was approved by the Institute of Electrical and Electronics Engineers (IEEE) Standards Association with the title "Standard for Global Navigation Satellite System Reflectometry (GNSS-R) Data and Metadata Content". A Working Group was assembled to develop this standard with the purpose of unifying and documenting GNSS-R calibration procedures and product level definitions. The Working Group (https://sagroups.ieee.org/4003/) includes members, collaborators, and contributors from academia, international space agencies, and private industry. In a face-to-face meeting held during the ARSI+KEO 2019 Conference, the need was recognized to develop a standard with a wide range of operations, providing procedure guidelines independent of any constraints imposed by current limitations on geophysical parameter retrieval algorithms. As such, this effort aims to establish the fundamentals of a potential network of satellites providing inter-comparable data to the scientific community.