

Single-String Integration Test Measurements of the Next Ion Engine Plume (Paperback)



Filesize: 4.91 MB

Reviews

Most of these ebook is the perfect publication offered. Sure, it really is play, still an interesting and amazing literature. You wont truly feel monotony at whenever you want of your time (that's what catalogs are for about in the event you check with me).

(Roosevelt Rohan)

SINGLE-STRING INTEGRATION TEST MEASUREMENTS OF THE NEXT ION ENGINE PLUME (PAPERBACK)

[DOWNLOAD](#)

To download **Single-String Integration Test Measurements of the Next Ion Engine Plume (Paperback)** PDF, make sure you follow the hyperlink beneath and save the ebook or gain access to additional information that are in conjunction with SINGLE-STRING INTEGRATION TEST MEASUREMENTS OF THE NEXT ION ENGINE PLUME (PAPERBACK) ebook.

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.Measurements were made of a 40 cm ion-thruster plume as part of the single-string-integration-test (SSIT) activity of Phase I of the NASA s Evolutionary Xenon Thruster (NEXT) project. The NEXT ion engine incorporates design improvements that extend NSTAR power levels and efficiencies. During SSIT, an engineering model (EM2) 40 cm engine was operated using an advanced xenon propellant system in combination with either a GRC power console or advanced power processing unit. Integral goals of the single-string phase were to characterize engine performance over the full input power range and to detail thruster operation within the specification of the NEXT throttle table. Plume diagnostics measurements of relative Xe(+) and Xe(++) currents were made using near-field and far-field ExB probes. Planar geometry faraday probes were used to obtain beam current density profiles. This paper reports on the characterization of the EM2 plume over a range of SSIT operating conditions, first with the advanced propellant management system teamed with the GRC power console and then with the power-processing unit.



[Read Single-String Integration Test Measurements of the Next Ion Engine Plume \(Paperback\) Online](#)



[Download PDF Single-String Integration Test Measurements of the Next Ion Engine Plume \(Paperback\)](#)

Related eBooks



[PDF] Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)

Access the link under to download and read "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications . (Paperback)" PDF document.

[Read eBook »](#)



[PDF] Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)

Access the link under to download and read "Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers (Paperback)" PDF document.

[Read eBook »](#)



[PDF] A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)

Access the link under to download and read "A Year Book for Primary Grades; Based on Froebel s Mother Plays (Paperback)" PDF document.

[Read eBook »](#)



[PDF] The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574) (Paperback)

Access the link under to download and read "The First Epistle of H. N. a Crying-Voyce of the Holye Spirit of Loue. Translated Out of Base-Almayne Into English. (1574) (Paperback)" PDF document.

[Read eBook »](#)



[PDF] Federal Court Rules: 2014 (Paperback)

Access the link under to download and read "Federal Court Rules: 2014 (Paperback)" PDF document.

[Read eBook »](#)



[PDF] Firelight Stories; Folk Tales Retold for Kindergarten, School and Home (Paperback)

Access the link under to download and read "Firelight Stories; Folk Tales Retold for Kindergarten, School and Home (Paperback)" PDF document.

[Read eBook »](#)