



## Characterization of HIRF Susceptibility Threshold for a Prototype Implementation of an Onboard Data Network

By -

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 50 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. An experiment was conducted to characterize the effects of HIRF-induced upsets on a prototype onboard data network. The experiment was conducted at the NASA Langley Research Center's High Intensity Radiation Field Laboratory and used a generic distributed system prototyping platform to realize the data network. This report presents the results of the hardware susceptibility threshold characterization which examined the dependence of measured susceptibility on factors like the frequency and modulation of the radiation, layout of the physical nodes and position of the nodes in the test chamber. The report also includes lessons learned during the development and execution of the experiment. This item ships from La Vergne, TN. Paperback.



**READ ONLINE**  
[ 1.35 MB ]

### Reviews

*A whole new e book with a brand new point of view. I could possibly comprehend every thing using this written e book. Its been written in an extremely simple way which is only soon after i finished reading through this ebook by which actually modified me, change the way in my opinion.*

-- **Marcia McDermott**

*If you need to adding benefit, a must buy book. it absolutely was writtern extremely perfectly and beneficial. You are going to like the way the blogger compose this publication.*

-- **Orlando Abernathy**