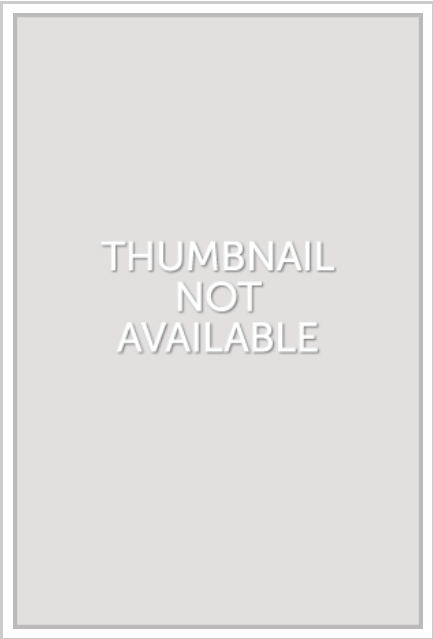


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# An introduction to the GOES I-M imager and sounder instruments and the GVAR retransmission format

By -

No binding. Book Condition: New. This item is printed on demand. Original publisher: Washington, D. C. : U. S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Environmental Satellite, Data, and Information Service, Office of Systems Development, Ground Systems Division, 1994 OCLC Number: (OCoLC)741275898 Subject: Satellite meteorology. Excerpt: . . . Star reference data collection is performed by each instrument. This permits regular determination of optical references. These features that reduce pointing errors permit the total system to achieve high accuracies with respect to ground coordinates. Each instruments optical assembly measures approximately 18 x 18 x 42 . A 9 long sun shield extends from the scan cavity and a 24 square by 12 extension shields the radiative cooler. The separate electronics module for each instrument, containing nearly all the control and signal processing circuitry, is located across from the optical assembly. Raw Imager data is transmitted at 2. 6208 Mbps. The Sounder has a much lower rate at 0. 040 Mbps. 2. 2 Key Features General characteristics of the two units are summarized and their performance is given in Tables 2-1, 2-2, 2-3, and 2-4. Figures 2-4 and 2-5 show the coordinate frames and scan limits for the...

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