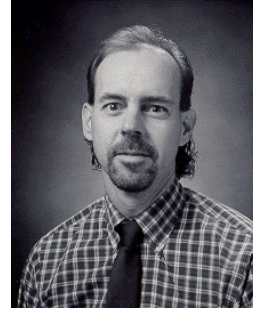


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Robert Bauer is the Project Manager of the Advanced Communications Technology Satellite (ACTS) Project at NASA's Glenn Research Center. In this role he is responsible for the overall operations and usage of the space and ground segments. This includes operations of the \$499 M satellite and the team that supports the applications and use of the experimental system's payload in areas such as TCP/IP over satellites, interoperability of satellites with the terrestrial network, tele-education, tele-medicine, and Ka-band characterization.

He joined NASA in July, 1988. He started on ACTS three year earlier in 1985 while working for an engineering contractor at Glenn. In those early years of the program, Mr. Bauer's responsibilities included soliciting, coordination, developing, evaluating, and executing experiments using the ACTS system. Once ACTS became operational in September of 1993, his duties shifted to operations management and coordinating efficient ACTS experiments operations. This involved working with over 80 participating organizations, the spacecraft operations teams, earth station support teams, and developing the operations schedules of experimenters on the satellite.

He also oversaw 10 contacts concerned with RF propagation characterization in the 30/20 GHz Ka-band being performed by the NASA Propagation Experimenters group (NAPEX). The results of this work will provide empirical data and improved models which will aid in the future design of Ka-Band satellite systems.

Mr. Bauer graduated from Cleveland State University in 1985 with a Bachelor of Electrical Engineering degree. In 1992, he earned his Masters in Business Administration also from Cleveland State University.