

Abstracts

Overview of Microwave Components Activities at the European Space Agency

R. Coirault, S.J. Feltham, G. Gatti, M. Guglielmi and D. Perring. "Overview of Microwave Components Activities at the European Space Agency." 1992 Transactions on Microwave Theory and Techniques 40.6 (Jun. 1992 [T-MTT] (Special Issue on Microwaves in Space)): 1150-1158.

A review of some of the activities of the European Space Agency in the area of Microwave Devices and Components for Space Application is presented. The activities discussed are in the areas of Solid State Devices and Technology, Traveling Wave Amplifiers, Microwave Filters and Time References. Each area is discussed in detail illustrating the achievements of on-going research and development programs involving European Industries and Research Centers. The growing importance of Microwave Technology for space applications is discussed and the future challenges outlined indicating how the European Space Industry is preparing for the future through the many R&D activities sponsored by the European Space Agency.

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