

Tetsing of a Multichannel Satellite Transponder Using Automatic Testing Equipment (ATE)

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This paper deals with the complex problem of testing the performance of a multichannel satellite transponder using automatic test equipment. The paper includes a summary of the factors which determine the use of an automatic test facility and the important considerations in fixing hardware and software requirements. Some of the peculiarities and possible sources of error using automatic test equipment for R. F. Microwave measurements are discussed and typical measurement results are presented.

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