



## Microwave Measurements (Iet Electrical Measurement)

*From The Institution of Engineering and Technology*



**Microwave Measurements (Iet Electrical Measurement)** From The Institution of Engineering and Technology

The IET has organised training courses on microwave measurements since 1983, at which experts have lectured on modern developments. The purpose of this third edition of the lecture notes is to bring the latest techniques in microwave measurements to a wider audience. The book includes a survey of the theory of current microwave circuits as well as a description of the techniques for the measurement of power, spectrum, attenuation, circuit parameters, and noise, measurements of antenna characteristics, free fields, modulation and dielectric parameters. The emphasis throughout is on good measurement practice. All the essential theory is given and a previous knowledge of the subject is not assumed. The book will be of interest to those engaged in the design of microwave measurement systems in both research and industry, those providing microwave measurement systems in both research and industry, in measurement services and those involved in teaching microwave measurements in universities.

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### Editorial Review

#### About the Author

Richard Collier is currently a Praeceptor in Physics at Corpus Christi College. He has been a lecturer on the IET Microwave Measurement Training Course since 1983 and is the present chairman of its organising committee. Douglas Skinner MBE is an independent consultant on the calibration of d.c., low frequency, radio frequency and microwave measuring instruments and measurement uncertainties. He is an active UKAS technical assessor and was awarded an MBE for Services to the Calibration Industry in 1990.

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