



# Principles of Planar Near-Field Antenna Measurements (Iet Electromagnetic Waves)

By Stuart Gregson, John McCormick, Clive Parini

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### **Editorial Review**

#### Review

At last, a must-have complete reference source for the foundations, principles and practice of planar near field antenna measurements. The principles are presented in user friendly math from the Maxwellian basis, to the plane wave spectra, to the latest advances. Practical measurement aspects, including sampling, alignment, truncation, positioning errors, polarization and multiple reflections, are examined in detail. This book is a brilliant collection of the body-of-knowledge of planar near field measurement with extensions to the future. I highly recommend this book for antenna measurement practitioners and those new to antenna measurements. --Ed Joy, Professor Emeritus, Georgia Institute of Technology

#### About the Author

Stuart Gregson has been working in the field of antenna design and antenna measurement for the space and aerospace industries for nearly 20 years and is currently with Nearfield Systems Inc.

John McCormick is Lead Antenna Engineer in the Sensor Systems Division of Selex Galileo and has extensive experience in Antenna/RCS research and development.

Clive Parini is Professor of Antenna Engineering at Queen Mary, University of London and has published over 300 papers.

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