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3.3.6 Equivalent Circuit 3.3.7 Antenna Matching; 3.3.8 Effective Length
and Area; 3.3.9 Friis' Transmission Formula; 3.3.10 Radiation Intensity;
3.3.11 Radiation Pattern; 3.3.12 (Antenna) Bandwidth; 3.3.13 Directive
Gain, Directivity, Power Gain; 3.3.14 Radiation Efficiency; 3.4 Basic
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Sommario/riassunto

Providing up-to-date material for UWB antennas and propagation as used in a wide variety of applications, "Ultra-wideband Antennas and Propagation for Communications, Radar and Imaging" includes fundamental theory, practical design information and extensive discussion of UWB applications from biomedical imaging, through to radar and wireless communications. An in-depth treatment of ultra-wideband signals in practical environments is given, including interference, coexistence and diversity considerations. The text includes antennas and propagation in biological media in addition to more co
