Printed Antennas for Wireless Communications. RSP

Description:
Printed antennas, also known as microstrip antennas, have a variety of beneficial properties including mechanical durability, conformability, compactness and cheap manufacturing costs. As such, they have a range of applications in both the military and commercial sectors, and are often mounted on the exterior of aircraft and spacecraft as well as incorporated into mobile radio communication devices.

Printed Antennas for Wireless Communications offers a practical guide to state–of–the–art printed antenna technology used for wireless systems. Contributions from renowned global experts within both academia and industry enable the reader to design printed antennas and associated technologies, and offer valuable insights into important breakthroughs in these areas.

- Divided into 3 sections covering fundamental wideband printed radiating elements for wireless systems, small printed antennas for wireless systems, and advanced concepts and applications in wireless systems.
- Provides experimental data and applies theoretical models to present design performance trends and to give the reader an in–depth coverage of the area.
- Presents summaries of different approaches used in solving wireless systems such as WPAN (wireless personal area network) and MIMO (multi–input/ multi–output), offering the reader an overall perspective of the pros and cons of each.
- Focuses on practical design, examples and real world solutions.

Printed Antennas for Wireless Communications offers an excellent insight on printed antennas from the theoretical to the practical; hence it will appeal to practicing design engineers within commercial and governmental/ military organisations, as well as postgraduate students and researchers in communications technology.

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