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Sommario/riassunto

"Design, Deployment and Performance of 4G Networks addresses the key aspects and best practice of 4G networks design and deployment. In addition, the book focuses on the practical aspects for designing and deploying commercial LTE networks, including the end-to-end aspects of the LTE network architecture and different deployment scenarios. The book presents analysis of LTE coverage and link budgets alongside a detailed comparative analysis with HSPA+. Furthermore, the reader is provided with a detailed explanation of capacity dimensioning of LTE systems. The book also demonstrates a quality of service (QoS) aspect of collocated (and sharing same transport network) LTE/HSPA+ networks and end-to-end implementation scenarios. The LTE performance analysis in this book is presented in a comparative manner with reference to the HSPA+ network to benchmark and evaluate the LTE network performance. This book can be used as a reference for best practices in LTE networks design and deployment, performance analysis, and evolution strategy"--
"The book presents analysis of LTE coverage and link budgets alongside a detailed comparative analysis with HSPA+"--