

1. Record Nr.	UNISA996217944903316
Autore	Penttinen Jyrki T. J.
Titolo	The LTE/SAE deployment handbook // Jyrki Penttinen
Pubbl/distr/stampa	Chichester, West Sussex ; , : , , 2012 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2012]
ISBN	1-119-96111-4 1-283-40485-0 9786613404855 1-119-95418-5 1-119-95417-7
Edizione	[1]
Descrizione fisica	1 online resource (447 p.)
Altri autori (Persone)	PenttinenJyrki T. J
Disciplina	621.3845/6
Soggetti	Long-Term Evolution (Telecommunications) System Architecture Evolution (Telecommunications)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	List of Contributors xv -- Foreword xvii -- Preface xix -- Acknowledgments xxi -- Glossary xxiii -- 1 General 1 -- 1.1 Introduction 1 -- 1.2 The LTE Scene 1 -- 1.3 The Role of LTE in Mobile Communications 2 -- 1.4 LTE/SAE Deployment Process 3 -- 1.5 The Contents of the Book 7 -- References 9 -- 2 Drivers for LTE/SAE 11 -- 2.1 Introduction 11 -- 2.2 Mobile System Generations 11 -- 2.3 Data Service Evolution 14 -- 2.4 Reasons for the Deployment of LTE 19 -- 2.5 Next Steps of LTE/SAE 20 -- 2.6 Summary of the Benefits of LTE 21 -- References 21 -- 3 LTE/SAE Overview 23 -- 3.1 Introduction 23 -- 3.2 LTE/SAE Standards 24 -- 3.3 How to Find Information from Specs? 25 -- 3.4 Evolution Path Towards LTE 27 -- 3.5 Key Parameters of LTE 28 -- 3.6 LTE vs WiMAX 29 -- 3.7 Models for Roaming Architecture 29 -- 3.8 LTE/SAE Services 36 -- 3.9 LTE-Advanced -- Next Generation LTE 40 -- References 42 -- 4 Performance Requirements 45 -- 4.1 Introduction 45 -- 4.2 LTE Key Features 45 -- 4.3 Standards LTE Requirements 49 -- 4.4 Effects of the Requirements on the LTE/SAE Network Deployment 60 -- References 62 -- 5 LTE and SAE Architecture 63 -- 5.1 Introduction 63 -- 5.2 Elements 63 -- 5.3

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Sommario/riassunto

"Comprehensively covers the planning, rolling out and optimization of
 LTE/SAE networks. A hands-on description of the complete end-to-end
 functionality, network planning and physical construction of LTE
 networks, The LTE/SAE Deployment Handbook: The Functioning,
 Measurements and Planning of Evolved Packet System is unique in its
 practical approach to the topic. This book gives a complete picture of

LTE systems, as well as providing many examples from the operational networks, in order to be used as a handbook and guide in the planning and operational phase of the networks. Describing the principles and details of LTE/SAE, with a complete view on the functioning, planning, construction, measurements and optimisation of the radio and core networks of the system, it also focuses on the practical description of LTE/SAE, how to de-mystify the LTE functionality and planning and carry out practical measurements of the system. The contents include a general view (the evolution path, network architecture and business models), technical functioning of the system (signalling, coding, different modes for channel delivery and security of core and radio system) and information on the in-depth planning of the core and radio networks (field test measurement guidelines, hands-on network planning advices and suggestions for the parameter adjustments). It also describes the next generation of LTE, LTE-Advanced, which represents the initial fourth generation of the mobile systems. The book contains a preliminary module that is suitable as an introduction to the more advanced level of the topic, including the initial studies and revisions of the technical and marketing aspects. The latter part of the book is designed for more experienced professionals who would benefit from the practical descriptions of the physical core and radio network planning, end-to-end performance measurements, physical network construction and optimisation of the system"--

"This book gives a complete picture of LTE systems, as well as providing many examples from the operational networks, in order to be used as a handbook and guide in the planning and operational phase of the networks"--
