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Nota di contenuto	Front Cover; Contents; List of Institutions; List of Figures; Editor; Contributors; Chapter 1 - Next-Generation Mobile Multimedia Broadcasting; Chapter 2 - An Overview of the ISDB-T One-Seg Broadcasting, ISDB-TSB and ISDB-Tmm; Chapter 3 - Overview of the South Korean Advanced T-DMB Mobile Broadcasting System; Chapter 4 - An Overview of the North American ATSC M/H Mobile Broadcasting System and Its Next-Generation ATSC 3.0; Chapter 5 - Overview of the Chinese Digital Terrestrial Multimedia Broadcasting System; Chapter 6 - DVB-T2 for Mobile and Mobile DVB-T2 (T2-Lite) Chapter 7 - An Overview of the Next-Generation Mobile Digital Video Broadcasting Standard DVB-NGH Chapter 8 - An Overview of the Cellular Broadcasting Technology eMBMS in LTE; Chapter 9 - Universal DVB-3GPP Broadcast Layer: An Enabler for New Business in Mobile Broadcasting Landscape; Chapter 10 - Overview of the HEVC Video Coding Standard; Chapter 11 - Bit-Interleaved Coded Modulation in Next-Generation Mobile Broadcast Standard DVB-NGH; Chapter 12 - Time Interleaving in DVB-NGH; Chapter 13 - Time-Frequency Slicing for DVB-NGH Chapter 14 - DVB-NGH Logical Frame Structure and Bundling DVB-T2

Future Extension FramesChapter 15 - Overview of the Physical Layer Signaling in DVB-NGH; Chapter 16 - Overview of the System and Upper Layers of DVB-NGH; Chapter 17 - Overhead Reduction Methods in DVB-NGH; Chapter 18 - Local Service Insertion in DVB-NGH Single-Frequency Networks; Chapter 19 - Overview of the Multiple-Input Multiple-Output Terrestrial Profile of DVB-NGH; Chapter 20 - Multiple-Input Single-Output Antenna Schemes for DVB-NGH; Chapter 21 - Enhanced MIMO Spatial Multiplexing with Phase Hopping for DVB-NGH Chapter 22 - An Overview of the Hybrid Terrestrial-Satellite Profile of DVB-NGHChapter 23 - Single-Carrier OFDM for the Satellite Component of DVB-NGH; Chapter 24 - Hybrid Satellite-Terrestrial MIMO for Mobile Digital Broadcasting; Back Cover

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#### Sommario/riassunto

Edited by a member of the DVB-NGH standardization meeting, this book covers the newest finalized standards. The first section contains overview papers, including commercial requirements and limitations of DVB-T2. It covers the first version of the standard, very aligned to T2, called T2+M, and a second version with the new technical features of NGH. The second part of the book is devoted to the new technical solutions adopted in DVB-NGH compared to DVB-T2. It also includes discussions between 3GPP and DVB to have a common standard--

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