DOCOMO Today

What We Can Do

Technology Reports (Special Articles)

Special Articles on Introducing the 3.5-GHz Band

- NTT DOCOMO’s Efforts Concerning Technical Developments for Introducing TD-LTE in 3.5-GHz Frequency Band
- Base-station Equipment with the Aim of Introducing 3.5-GHz Band TD-LTE
- Base Station Antennas for 3.5-GHz Band
- High-precision Clock-time-synchronization Network Equipment for Introduction of 3.5-GHz Band TD-LTE
- Router-type Mobile Terminal for TD-LTE in 3.5-GHz Band

Technology Reports (Special Articles)

Special Articles on LTE-Advanced Release 13 Standardization

- LTE-Advanced Release 13 Standardization Technology Overview
- New Technologies for Achieving IoT in LTE Release 13
- Broadband Frequency Technologies in LTE-Advanced Release 13
- LTE-Advanced Release 13 Multiple Antenna Technologies and Improved Reception Technologies
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Consolidates baseband processing to perform control operations

Achieves CA by overlapping macro cell

Achieves CA between a macro cell and multiple add-on cells by adding small cells inside the macro cell in a high-traffic area

Achieves CA by spot deployment of a small cell

Radio units with small size

Achieves CA by overlapping macro cell

Frequency bandwidth

Macro cell
Small cell
Baseband unit

Technology Reports (Special Articles)  NTT DOCOMO’s Efforts Concerning Technical Developments for Introducing TD-LTE in 3.5-GHz Frequency Band (P.4)
CA by advanced C-RAN architecture