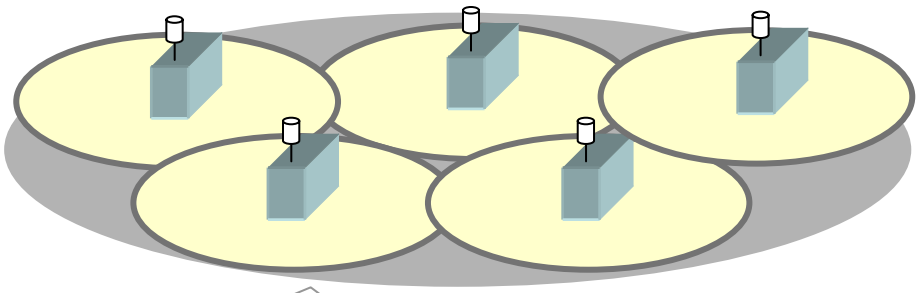
Attachment 2

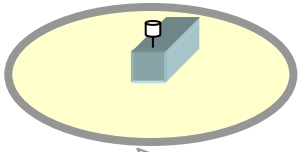
Achievements in 4G System Development

Wide area (moving at high speed)

Local area (moving at low speed)



Supported with same air-interface, using variable control of spreading factor



●March 2002 (announced March 18)
Construction of experimental equipment for 4G system starts

●October 2002 (announced October 9)
100Mbps downlink and 20Mbps uplink transmissions in indoor trial simulating outdoor environment

● May 2003 (announced May 28)
Start of outdoor trial to verify basic technologies for 100Mbps downlink and 20Mbps uplink, and fast packet transmissions

● August 2004 (announced December 17)
Maximum of 1Gbps real-time transmission in the downlink with mobile fading in low-speed indoor trial simulating outdoor environment

● May 2005 (announced June 23)
Real-time transmission via 1Gbps downlink (maximum) in low-speed outdoor trial

●December 2005 (announced February 23, 2006)
Transmission via 2.5Gbps downlink (maximum) in low-speed outdoor trial

●December 2006 (current press release)
Transmission via 5Gbps downlink (maximum) in low-speed outdoor trial