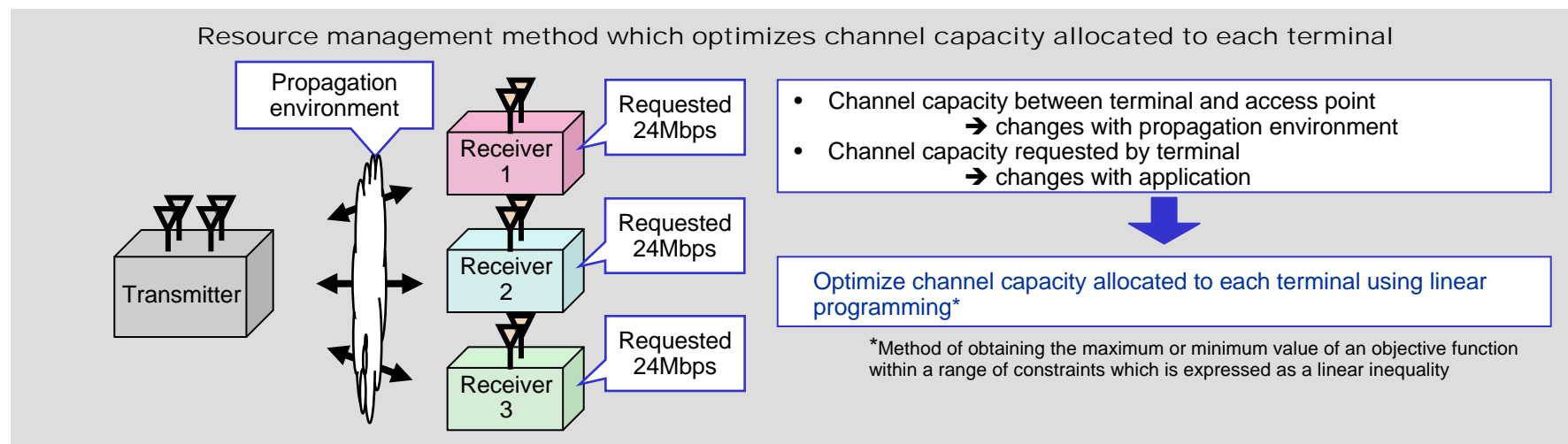


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## Confirmation of improved transmission quality in a new wireless communication technique for simultaneous delivery of multiple HDTV images



The Central Research Laboratory of Hitachi, Ltd., has investigated a new wireless communication technique capable of high-speed high-quality simultaneous transmission of large volume data such as multiple HDTV images, and verified its effectiveness using simulation. The technique provides optimal control of transmission signals for the quality-of-service (QoS) requested by terminals such as domestic televisions, enabling stable-quality high-speed wireless transmission. This technique will enable wireless transmission and reception of large volumes of data, such as HDTV images from a HDD recorder or home server, to a TV monitor or PC anywhere in the home, and is expected to become an elemental technique in next-generation wireless home networks.

Research results relating to this technology will be presented at the 2006 Society Conferences of the Institute of Electronics, Information and Communication Engineers (IEICE) to be held at Kanazawa University in Ishikawa, Japan, from 19th - 22nd September 2006.