

Abstracts

Recent Activities on Millimeter Wave Indoor LAN System Development in Japan

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The necessity for 60 GHz band development in Japan, the features of millimeter wave (MM-wave) indoor LAN, developments needed for its realization, and propagation studies to implement indoor LAN are reviewed. This paper describes a MM-wave minimum delay spread LAN under development in Japan, results of its propagation simulation, absorbable construction materials being considered for the system, and MMIC devices needed for the system.

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