

60 GHz Short Range Transceivers and Applications for Minimum Delay Spread LAN

Y. Takimoto, H. Yatsuka, A. Inoue, T. Yokoyama, T. Aoyagi, K. Ohata, T. Saito, T. Negishi and N. Okubo. "60 GHz Short Range Transceivers and Applications for Minimum Delay Spread LAN." 1996 MTT-S International Microwave Symposium Digest 96.2 (1996 Vol. II [MWSYM]): 509-512.

The authors describe the design and measured performances of the developed 60 GHz band MMICs, fabricated brass-board models of millimeter-wave application systems such as high and ultra-high speed wireless LAN, wide-band analog signal transmission and low bit-rate contactless ID systems, and the demonstrated performance of the wireless LAN system in a Minimum Delay Spread (MDS) configuration set in our new conceptual propagation test room.

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