

Abstracts

Multi-channel upstream data transmission in a millimeter-wave fiber-radio system

C. Lim, A. Nirmalathas and D. Novak. "Multi-channel upstream data transmission in a millimeter-wave fiber-radio system." 1999 MTT-S International Microwave Symposium Digest 99.3 (1999 Vol. III [MWSYM]): 1209-1212 vol.3.

We demonstrate the transmission of multiple modulated millimeter-wave (MM-wave) frequencies using a multi-section laser with hybrid and synchronous mode-locking and implement the technique for the upstream path in a MM-wave fiber-radio system incorporating a 20 km fiber link.

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