

Abstracts

Wireless multi-channel TV-signal distribution system by using NRD guide transmitter and receiver at 60 GHz

F. Kuroki, S. Shinke, E. Suematsu, H. Sato and T. Yoneyama. "Wireless multi-channel TV-signal distribution system by using NRD guide transmitter and receiver at 60 GHz." 2001 MTT-S International Microwave Symposium Digest 01.3 (2001 Vol. III [MWSYM]): 1813-1816 vol.3.

Millimeter-wave transmitter and receiver have been developed for multi-channel TV-signal distribution system based on the NRD guide technology. Main emphasis is placed on the development of band-widening techniques for NRD guide circuit components. The distribution test of the TV-signals with more than 100 channels can be performed by using them successfully.

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