

Abstracts

Wideband propagation measurements and Doppler analysis for the 60 GHz indoor channel

S. Guillouard, G. El Zein and J. Citerne. "Wideband propagation measurements and Doppler analysis for the 60 GHz indoor channel." 1999 MTT-S International Microwave Symposium Digest 99.4 (1999 Vol. IV [MWSYM]): 1751-1754 vol.4.

This paper presents a new wideband indoor channel sounder dedicated to the 60 GHz band. Based on the sliding correlation technique, it is optimized to perform long term measurement campaign without undersampling the fast varying impulse response. Some measurement results with Doppler analysis are presented.

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