DETERMINATION OF RADIO COMMUNICATION CHANNEL RESPONDS WITH THE HELP OF A PSEUDORANDOM SEQUENCE

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ABSTRACT The paper describes the method of the determination of a radio communication channel response when a high-frequency signal modulated with psuedorandom sequence is used as the input of channels. The impulse response was calculated by means of a cross-correlation between received and sent signals. Results of experiments in a real-world environment are inserted.

Keywords: radio communication channel, channel impulse response, multipath propagation