Survey on Ultra Wideband Reconfigurable Antenna for Improving the Performance of Cognitive Radio System

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 181
Number 25

Year of Publication: 2018

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10.5120/ijca2018918035

Abstract

Ultra-Wideband (UWB) technology uses very narrow pulses of nano-seconds length to supply very high information rates. The pulses to be used for the UWB are vital and will meet the emission mask regulatory needs to induce smart performance once transmitted over the channel. During this paper we tend to review the ultra wideband reconfigurable antenna for enhancing the performance of cognitive radio system.

References


**Index Terms**

Computer Science

Communications
Keywords

Reconfigurable antennas, cognitive radio, UWB