

# Abstracts

## An active tagging system using circular polarization modulation

*M. Kossel, H. Benedickter and W. Baechtold. "An active tagging system using circular polarization modulation." 1999 MTT-S International Microwave Symposium Digest 99.4 (1999 Vol. IV [MWSYM]): 1595-1598 vol.4.*

An active read/write microwave tagging system using circular polarization modulation as a novel modulation scheme for RFID systems to reduce demodulation complexity and power consumption on the battery powered tag is presented. Additional coding of the circular polarization modulated data reduces transmission errors due to polarization inversion at multipath propagation.

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