

# Abstracts

## Active retrodirective array for remote tagging and wireless sensor applications

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*R.Y. Miyamoto, Yongxi Qian and T. Itoh. "Active retrodirective array for remote tagging and wireless sensor applications." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1431-1434.*

A retrodirective array based on a novel, compact phase-conjugating mixer with conversion gain has been developed. A 4-element prototype array demonstrates excellent retrodirectivity. A simplified BPSK signal transmitted by the array is recovered successfully at the source location, demonstrating great potential for remote tagging and wireless sensor applications.

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