

Abstracts

An RF Field Strength Measurement System Using an Integrated Optical Linear Modulator

H.I. Bassen, C.H. Bulmer and W.K. Burns. "An RF Field Strength Measurement System Using an Integrated Optical Linear Modulator." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 317-318.

An electrically small dipole or loop antenna may be mated with an integrated optical linear modulator and optical fibers to form a broadband, minimally perturbing, RF field strength measurement device. Good preliminary results have been obtained with the modulator prototype.

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