

550.

Author

Jia WL. Hou L. Chen SG. Hu XJ. Wang SQ. Shi W.

Title

THERMAL STABILITY OF GaAS PHOTOCONDUCTIVE TERAHERTZ ANTENNA

Source

MICROWAVE AND OPTICAL TECHNOLOGY LETTERS vol.53 no.10 2393-2395 DOI:  
10.1002/mop.26232 OCT 2011

Abstract

We tested the THz intensity, current, and temperature of two kinds of antennas. In the experiment, THz intensity of an antenna went down with time. The instability is caused by the local temperature at the electrode gap. This originates from the decline of the steady state instability. (C) 2011 Wiley Periodicals, Inc. Microwave Opt Technol Lett 53:2393-2395, 2011; View this article online at [wileyonlinelibrary.com](http://wileyonlinelibrary.com). DOI 10.1002/mop.26232