

218

标题: Complex THz Reflectance Spectra of Hexogen Measured for Various Surfaces

作者: Palka, N (Palka, N.)

来源出版物: ACTA PHYSICA POLONICA A 卷: 122 期: 5 页: 854-857 出版年: NOV 2012

在 Web of Science 中的被引频次: 0

被引频次合计: 0

引用的参考文献数: 12

摘要: In this paper, we report on measurements of reflection spectra of hexogen (RDX) by means of time domain spectroscopy. We analyzed both phase and amplitude of reflected impulses for three cases: detuning, samples with rough surfaces and samples with curved surfaces. It can be concluded that both spectral characteristics can be applied for identification of explosives in the reflection configuration.

入藏号: WOS:000311329900016

语种: English

文献类型: Article

KeyWords Plus: SPECTROSCOPY; EXPLOSIVES

地址: Mil Univ Technol, Inst Optoelect, PL-00908 Warsaw, Poland

通讯作者地址: Palka, N (通讯作者), Mil Univ Technol, Inst Optoelect, S Kaliskiego 2, PL-00908 Warsaw, Poland.

电子邮件地址: npalka@wat.edu.pl

出版商: POLISH ACAD SCIENCES INST PHYSICS

出版商地址: AL LOTNIKOW 32-46, PL-02-668 WARSAW, POLAND

Web of Science 类别: Physics, Multidisciplinary

研究方向: Physics

IDS 号: 040NP

ISSN: 0587-4246

29 字符的来源出版物名称缩写: ACTA PHYS POL A

ISO 来源出版物缩写: Acta Phys. Pol. A

来源出版物页码计数: 4