Abstract Submitted for the SHOCK11 Meeting of The American Physical Society

Fourier Transform and Reflective Imaging Pyrometry GERALD

STEVENS, National Security Technologies, LLC — A stationary Fourier transform pyrometer was used to record mid-wavelength IR spectra in dynamic shock experiments. The gated-IR camera used with this system was also used to record images of light produced and light reflected from shocked metals in order to constrain the dynamic emissivity and provide temperature estimates.

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Date submitted: 17 Feb 2011

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