



1. Title:	Angle-resolved absolute Out-of-Band radiation studies of tin-based LPP sources.
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3. Abstract body:

Out of Band radiation has been measured from a laser plasma source formed on a solid tin target at a range of angles between 10 degrees and 90 degrees to the target normal. The wavelength region investigated is between 200 and 2000 nm, and the LPP source is compared to NIST calibrated sources using a CCD equipped spectrometer in this region. In all cases the Nd:YAG laser pulses (600 mJ, 15 ns, 1064 nm) were incident along the target normal. The laser power density was varied from $1 \times 10^{11} \text{ W/cm}^2$ to $2 \times 10^{11} \text{ W/cm}^2$.