

DAST

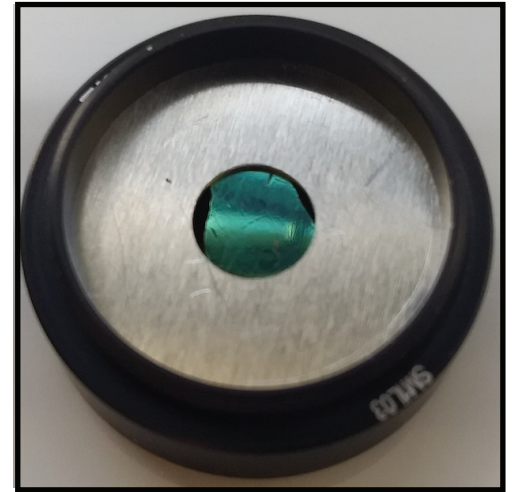


TERAHERTZ INNOVATIONS

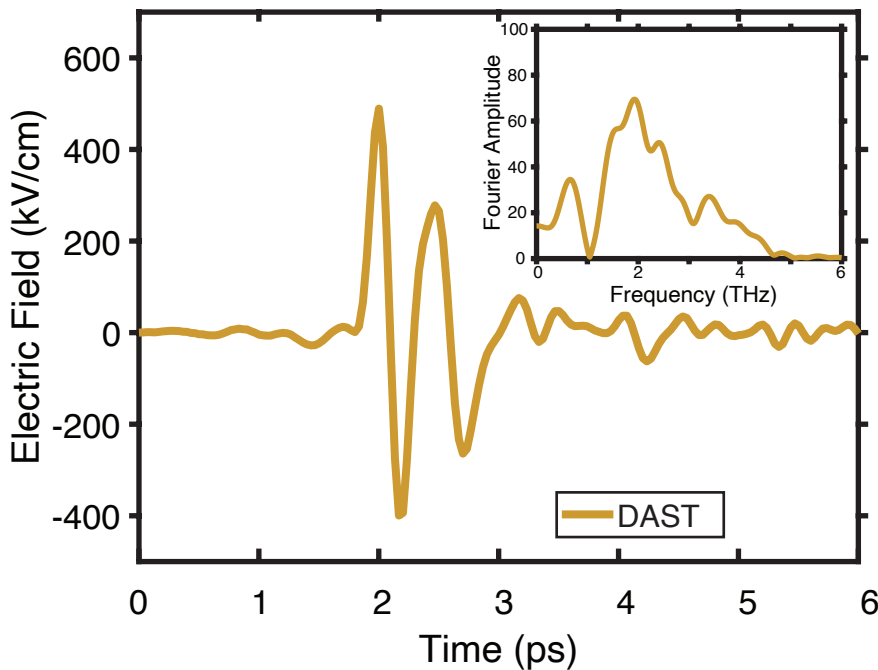
Intense THz generation with
1300-1500 nm light

DAST

100-fs pump, 0.84 mJ 1450-nm pump



High-quality DAST has been the work-horse organic crystal for broadband, high-field THz generation for several years. With a range of crystal thicknesses and extremely large aperture sizes available, we can meet your high-field THz generation needs. DAST is optimally phase-matched for pumping from 1.3-1.6 microns, but also provides good phase-matching from 1-2 microns.



DAST vs OH1 vs BNA-S

100-fs pump

BNA-S

4.2 mJ 800-nm pump vs.

DAST, OH1

0.84 mJ 1450-nm pump
(same THz focusing setup)

