

Abstract Submitted
for the APR05 Meeting of
The American Physical Society

Short-Range Test of Newton's Inverse Square Law DANIEL KAPNER, ERIC ADELBERGER, TED COOK, JENS GUNDLACH, BLAYNE HECKEL, C.D. HOYLE, ERIK SWANSON, University of Washington — We present new results from our torsion pendulum tests of the Inverse-Square Law. Our sensitivity now probes gravity-strength force down to $\approx 70\mu\text{m}$. These results represent a factor of 150 improvement in sensitivity over our published results at $\lambda = 50\mu\text{m}$.

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Date submitted: 13 Jan 2005

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