

Miniature X-Ray Sources and the Effects of Spot Size on System Performance

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Low power miniature x-ray sources have experienced rapid advances over the past 5 years and continue to push the limits of the technology forward for portable applications. This presentation will highlight the key technical progression of miniature x-ray sources and demonstrate how these technical advances effect system level performance. Particular interest will be paid towards x-ray spot characteristics (size, position, stability, etc.) and how they impact system capabilities. Past, present and future miniature x-ray sources will be explored.