

### **Figure 3**

(9 animated frames) Calculated transverse intensity distribution at the front-end movable mask at ca. 18 m from the source. The e-beam was tilted by  $-80 \mu\text{rad}$  (typical operational tilt) and the taper was set to 0.25 mm (typical operational taper). The field of view corresponds to  $250\text{h} \times 25\text{v} \mu\text{rad}^2$ . The energy range in this animation is one harmonic period of 45.6 eV. The color map range is common for both cases.