

# THON RINGS

Measurement performed	5/2/2019
Microscope serial number	9951664
Microscope type	Glacios

Recorded at magnification	120 kx	Camera used	BM-Ceta
Defocus	-2.00 $\mu\text{m}$		

The Thon ring profile is calculated from the FFT of a high-resolution image.

The profile itself is a radial average of one quadrant.

The difference profile is the subtraction of the radial averages of two adjacent quadrants. A significant difference profile is an indication of too much astigmatism or coma in the image.

Specification: Thon rings visible in rotationally averaged power spectrum beyond  $2.7 \text{ nm}^{-1}$  (corresponding to  $0.37 \text{ nm}$  resolution).

