

Figure1 SEM imaging w/ and w/o DSeB
The black circle area (upper figure) without e-beam irradiation was not damaged (lower figure).

Digital Selective e-Beaming (DSeB) contributes to charge-up control and damage control.

The high-speed on / off function of the irradiation laser enables irradiation or non-irradiation of the electron beam in a specific area of the SEM image.

You can select the e-beam irradiating location / area, control not to irradiate other areas, and vice versa (Fig.1).

The shape and size of the e-beam irradiating area can be selected arbitrarily (Fig.2).

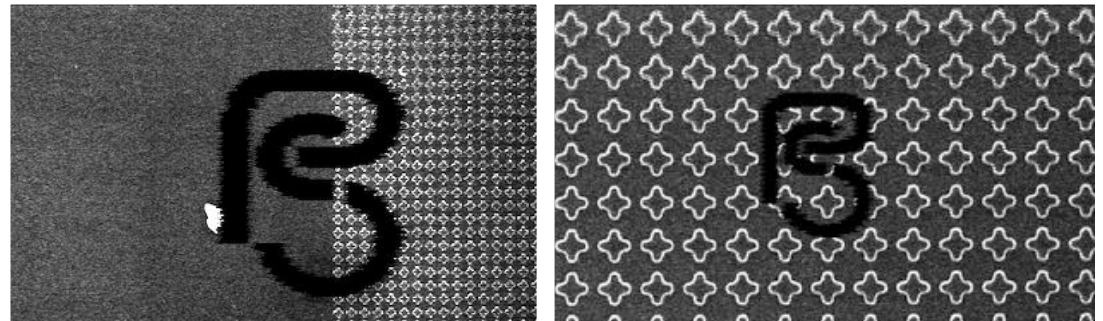


Figure2 SEM imaging with DSeB (shape of PeS Logo).