**Sample: N1 diamond**

**2210146**

Beam: 241Am radioactive source

Biasing voltage: -250V

**Sample: D13 diamond**

**2206138**

Beam: 400 keV H+

Biasing voltage: -150V

Image size: 0.025mm\*0.025 mm (128 pixels\*128 pixels); 50 µm hole

**2206147**

Beam: 400 keV H+

Biasing voltage: -150V

Image size: 0.025 mm\*0.025 mm (128 pixels\*128 pixels); 30 µm hole

**2206149**

Beam: 400 keV H+

Biasing voltage: -150V

Image size: 0.025 mm\*0.025 mm (128 pixels\*128 pixels); 10 µm hole

**2210060**

Beam: 140 keV Cu2+

Biasing voltage: -230V

Image size: 0.014 mm\*0.014 mm (128 pixels\*128 pixels); 10 µm hole

**2210061**

Beam: 140 keV Cu2+

Biasing voltage\_1: -230V; Biasing voltage\_2: -180V

Image size: 0.025 mm\*0.025 mm (128 pixels\*128 pixels); Interstrip region

**2210062**

Beam: 140 keV Cu2+

Biasing voltage\_1: -230V; Biasing voltage\_2: 0V

Image size: 0.025 mm\*0.025 mm (128 pixels\*128 pixels); Interstrip region