

**NANO-X IMAGING LTD**

Ofer Tech Park  
94 Shlomo Shmeltzer Road  
Petach Tikva  
Israel 4970602

March 26, 2026

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
Office of Industrial Applications and Services  
100 F Street, NE  
Washington, D.C. 20549

Attn: Margaret Sawicki

RE: *Nano-X Imaging Ltd.* (the “**Company**”)  
Registration Statement on Form F-3  
File No. 333-294302

Dear Ms. Sawicki:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, the Company hereby respectfully requests that the effective date of the Company’s Registration Statement on Form F-3 (File No. 333-294302) be accelerated by the Securities and Exchange Commission to 4:00 p.m. New York time on March 30, 2026, or as soon as practicable thereafter.

We request that we be notified of such effectiveness by a telephone call to Michael J. Schwartz of Skadden, Arps, Slate, Meagher & Flom LLP at (212) 735-3694 and that such effectiveness also be confirmed in writing.

Very truly yours,

Nano-X Imaging Ltd.

By: /s/ Erez Meltzer

Erez Meltzer  
Chief Executive Officer

cc: Michael J. Schwartz  
*Skadden, Arps, Slate, Meagher & Flom LLP*