SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 2)*

Nano-X Imaging Ltd.

(Name of Issuer)

Ordinary Shares

(Title of Class of Securities)

(CUSIP Number)

06/26/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☐ Rule 13d-1(b)
☐ Rule 13d-1(c)
☑ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Moalem Moshe
2	Check the appropriate box if a member of a Group (see instructions) ☐ (a) ☐ (b)
3	Sec Use Only
4	Citizenship or Place of Organization ISRAEL

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 5,263,161.00
	6	Shared Voting Power 0.00
	7	Sole Dispositive Power 5,263,161.00
	8	Shared Dispositive Power 0.00

9	Aggregate Amount Beneficially Owned by Each Reporting Person 5,263,161.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions) ☐
11	Percent of class represented by amount in row (9) 7.56 %
12	Type of Reporting Person (See Instructions) IN

SCHEDULE 13G

Item 1.

(a) Name of issuer:

Nano-X Imaging Ltd.

(b) Address of issuer's principal executive offices:

Ofer Tech Park, 94 Shlomo Shmeltzer Road, Petach Tikva, Israel 4970602

Item 2.

(a) Name of person filing:

Moshe Moalem

(b) Address or principal business office or, if none, residence:

8, Herzl Rosenblum Street, Tel Aviv, Israel 6937952

(c) Citizenship:

Israel

(d) Title of class of securities:

Ordinary Shares

(e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
(b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
(c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
(d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
(e) ☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
(f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
(g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
(h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

(k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

(a) 5,263,161 ordinary shares. The Reporting Person directly holds 4,266,430 Ordinary Shares. An additional 996,731 Ordinary Shares are held by Tanir Corporation BVI, a company wholly owned and controlled by the Reporting Person. The Reporting Person possesses sole voting and dispositive power over the Ordinary Shares held by Tanir Corporation BVI and may therefore be deemed to beneficially own such shares.

Percent of class:

(b) 7.56 The foregoing percentage is based upon 69,609,485 Ordinary Shares outstanding as of December 31, 2025, as reported in the Issuer's Annual Report on Form 20-F filed with the Securities and Exchange Commission on March 11, 2026. %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

5,263,161

(ii) Shared power to vote or to direct the vote:

0

(iii) Sole power to dispose or to direct the disposition of:

5,263,161

(iv) Shared power to dispose or to direct the disposition of:

0

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

Not Applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Moalem Moshe

Signature: /s/ Moshe Moalem

Name/Title: Moshe Moalem

Date: 07/15/2026