

Edgar Filing: RADCOM LTD - Form SC 13G/A

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|-------------------|--|-----------|
| BY EACH REPORTING | 7. SOLE DISPOSITIVE POWER 1,849,320 | |
| PERSON WITH | 8. SHARED DISPOSITIVE POWER 177,841 | |
| 9. | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON | 2,027,161 |
| 10. | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES | |
| 11. | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) | 12.5 % |
| 12. | TYPE OR REPORTING PERSON | IN |

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- Item 1(a). Name of Issuer
Radcom Ltd. (hereinafter referred to as the "Company")
- Item 1(b). Address of Issuer's Principal Executive Offices
24 Raoul Wallenberg Street
Tel Aviv, 69719, Israel
- Item 2(a). Name of Person Filing
Yehuda Zisapel (hereinafter referred to as the "Reporting Person")
- Item 2(b). Address of Principal Business Office or, if None, Residence
24 Raoul Wallenberg Street
Tel Aviv, 69719, Israel
- Item 2(c). Citizenship
Israel
- Item 2(d). Title of Class of Securities
This statement relates to Ordinary Shares, par value NIS 0.05 per share (hereinafter referred to as "Ordinary Shares").
- Item 2(e). CUSIP Number
M81865103
- Item 3. Identification of Persons Filing Pursuant to ss. 240.13d-1(b) or ss. 240.13d-2(b) or (c)
Not Applicable.
- Item 4. Ownership

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(a) Amount beneficially owned:

As of December 31, 2006, the Reporting Person beneficially owned 2,027,161 Ordinary Shares, or 12.5% of the total number of Ordinary Shares issued and outstanding. Of the 2,027,161 Ordinary Shares (i) 938,960 Ordinary Shares, or 5.8% of the total number of Ordinary Shares issued and outstanding, were owned of record by the Reporting Person; (ii) 910,360 or 5.6% of the total number of Ordinary Shares issued and outstanding, are owned of record by Retem Local Networks Ltd., an Israeli company, which is controlled by the Reporting Person, its principal shareholder and director.; and (iii) 177,841 or 1.1% of the total number of Ordinary Shares issued and outstanding, consists of Ordinary Shares owned of record by RAD Data Communications Ltd. The Reporting Person and Zohar Zisapel have shared voting and dispositive power with respect to the shares of Rad Data Communications Ltd.

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Except as set forth in this Item 5(a), the Reporting Person does not beneficially own any Ordinary Shares. The percentages stated above are based on 16,232,277 Ordinary Shares outstanding as of December 31, 2006.

(b) Percent of class:

12.5 %

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

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

1,849,320

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

177,841

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

1,849,320

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

177,841

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

Not Applicable.

Item 6. Ownership of More than Five 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

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Not Applicable.

Item 8. Identification and Classification of Members of the Group

Not Applicable.

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Item 9. Notice of Dissolution of Group

Not Applicable.

Item 10. Certification

(a) Not Applicable.

(b) By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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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.

Date: February 14, 2007

/s/ Yehuda Zisapel

Name: Yehuda Zisapel