

ZISAPEL ZOHAR ET AL  
Form SC 13G/A  
February 14, 2007

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G/A  
Under the Securities Exchange Act of 1934

RADCOM Ltd.

(Name of Issuer)

Ordinary Shares, par value NIS 0.05 per share

(Title of Class of Securities)

M81865103

(Cusip Number)

December 31, 2006

(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)

CUSIP No. M81865103

13G

Page 2 of 5 Pages

1.	NAMES OF REPORTING PERSONS	Zohar Zisapel
	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)	Not Applicable.
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a) <input type="checkbox"/>
		(b) <input checked="" type="checkbox"/>
3.	SEC USE ONLY	
4.	CITIZENSHIP OR PLACE OF ORGANIZATION	Israel
NUMBER OF SHARES	5. SOLE VOTING POWER	3,185,201
BENEFICIALLY OWNED	6. SHARED VOTING POWER	177,841

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BY EACH REPORTING	7. SOLE DISPOSITIVE POWER 3,185,201
PERSON WITH	8. SHARED DISPOSITIVE POWER 177,841
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,363,042
10.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 20.7 %
12.	TYPE OR REPORTING PERSON IN

2

- 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  
Zohar 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  
(a) Amount beneficially owned:

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As of December 31, 2006, the Reporting Person beneficially owned 3,363,042 Ordinary Shares, or 20.7% of the total number of Ordinary Shares issued and outstanding. Of the 3,363,042 Ordinary Shares (i) 3,050,701 Ordinary Shares, or 18.8% of the total number of Ordinary Shares issued and outstanding, were owned of record by the Reporting Person; (ii) 54,500 or 0.3% of the total number of Ordinary Shares issued and outstanding, are owned of record by Klil and Michael Ltd., an Israeli company, which is controlled by the Reporting Person, its principal shareholder and director..; (iii) 80,000 Ordinary Shares issuable upon exercise of options exercisable within 60 days of December 31, 2006 and (iv) 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 Yehuda Zisapel have shared voting and dispositive power with respect to the shares of Rad Data Communications Ltd.

3

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:  
20.7 %
- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote:  
3,185,201
- (ii) Shared power to vote or to direct the vote:  
177,841
- (iii) Sole power to dispose or to direct the disposition of:  
3,185,201
- (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

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Company

Not Applicable.

Item 8. Identification and Classification of Members of the Group

Not Applicable.

4

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.

5

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/ Zohar Zisapel

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Name: Zohar Zisapel