

RADCOM LTD
Form 20-F
June 30, 2008

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 20-F

REGISTRATION STATEMENT PURSUANT TO SECTION 12(b) OR (g) OF THE SECURITIES EXCHANGE ACT OF 1934

OR

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2007

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

OR

SHELL COMPANY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of event requiring this shell company report _____

Commission file number 0-29452

RADCOM Ltd.

(Exact name of registrant as specified in its charter)

Israel

(Jurisdiction of incorporation or organization)

24 Raoul Wallenberg Street, Tel-Aviv 69719, Israel

(Address of principal executive offices)

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24 Raoul Wallenberg Street, Tel Aviv 69719, Israel

(Name, Telephone, E-mail and/or Facsimile Number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:

Title of Each Class

Name of Each Exchange on Which Registered

**Ordinary Shares, NIS 0.20 par
value per share**

NASDAQ Capital Market

Securities registered or to be registered pursuant to Section 12(g) of the Act:

None.

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:

None.

Indicate the number of outstanding shares of each of the issuer's classes of capital or common stock as of **May 31, 2008 following the issuer's one-for-four reverse share split: 5,075,910 Ordinary Shares, NIS 0.20 par value per share. (As of December 31, 2007, prior to the reverse split effect, the close of the period covered by this annual report, there were 16,364,888 Ordinary Shares, NIS 0.05 par value per share)** .Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934. Yes No

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

Large Accelerated Filer Accelerated Filer Non-Accelerated Filer

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

U.S. GAAP

International Financial Reporting Standards as issued by the International Accounting Standards Board

Other

If "Other" has been checked in response to the previous question, indicate by check mark which financial statement item the registrant elected to follow.

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If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

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INTRODUCTION

RADCOM develops, manufactures, markets and supports innovative network test and service monitoring solutions for communications service providers and equipment vendors. We were incorporated in 1985 under the laws of the State of Israel and commenced operations in 1991.

Except for the historical information contained herein, the statements contained in this annual report are forward-looking statements, within the meaning of the Private Securities Litigation Reform Act of 1995, with respect to our business, financial condition and results of operations. Actual results could differ materially from those anticipated in these forward-looking statements as a result of various factors, including all the risks discussed in “Item 3—Key Information—Risk Factors” and elsewhere in this annual report.

We urge you to consider that statements that use the terms “believe,” “do not believe,” “expect,” “plan,” “intend,” “estimate,” “anticipate” and similar expressions are intended to identify forward-looking statements. These statements reflect our current views regarding future events and are based on assumptions and are subject to risks and uncertainties. Except as required by applicable law, including the securities laws of the United States, we do not intend to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

As used in this annual report, the terms “we,” “us,” “our,” “RADCOM” and the “Company” mean RADCOM Ltd. and its subsidiaries, unless otherwise indicated.

PrismLite™, Omni-Q™, MediaPro™, GearSet™, SipSim™ and Wirespeed™ are our trademarks. All other trademarks and trade names appearing in this annual report are owned by their respective holders.

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PART I

ITEM 1. IDENTITY OF DIRECTORS, SENIOR MANAGEMENT AND ADVISERS

Not applicable.

ITEM 2. OFFER STATISTICS AND EXPECTED TIMETABLE

Not applicable.

ITEM 3. KEY INFORMATION

A. SELECTED FINANCIAL DATA

We have derived the following selected consolidated financial data as of December 31, 2006 and 2007 and for each of the years ended December 31, 2005, 2006 and 2007 from our consolidated financial statements and notes included in this annual report. The selected consolidated financial data as of December 31, 2003, 2004 and 2005 and for the years ended December 31, 2003 and 2004 have been derived from audited consolidated financial statements not included in this annual report. We prepare our consolidated financial statements in accordance with accounting principles generally accepted in the United States.

You should read the selected consolidated financial data together with “Item 5—Operating and Financial Review and Prospects” and our consolidated financial statements and related notes included elsewhere in this annual report. All references to “dollar,” “dollars” or “\$” in this annual report are to the “U.S. dollar” or “U.S. dollars.” All references to “NIS” are to the New Israeli Shekels.

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Year Ended December 31,
(in thousands of U.S. dollars – except weighted average number of ordinary shares, and
basic and diluted income (loss) per ordinary share)

2003 2004 2005 2006 2007

Statement of Operations Data:

Revenues:

Products	\$	10,228	\$	13,956	\$	20,514	\$	20,641	\$	10,158
Services		975		2,099		1,826		2,900		3,339
		11,203		16,055		22,340		23,541		13,497

Cost of revenues:

Products		4,854		5,045		7,290		7,213		4,927
Services		40		82		108		183		466
		4,894		5,127		7,398		7,396		5,393
Gross profit		6,309		10,928		14,942		16,145		8,104

Operating expenses:

Research and development		5,593		5,232		5,815		6,826		7,378
Less - royalty-bearing participation		1,997		1,722		1,735		1,904		2,096
Research and development, net		3,596		3,510		4,080		4,922		5,282

Sales and marketing		7,411		6,983		7,881		9,196		9,279
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General and administrative		1,620		2,191		1,689		2,553		2,391
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Total operating expenses		12,627		12,684		13,650		16,671		16,952
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Operating (loss) income		(6,318)		(1,756)		1,292		(526)		(8,848)
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Financing income, net		93		78		235		472		265
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Net (loss) income		(6,225)		(1,678)		1,527		(54)		(8,583)
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Basic net income (loss) per ordinary share	\$	(2.37)	\$	(0.50)	\$	0.42	\$	(0.01)	\$	(2.10)
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Weighted average number of ordinary shares used to compute basic net income (loss) per ordinary share		2,623,296		3,363,377		3,674,023		3,973,509		4,084,789
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Diluted net income (loss) per ordinary share	\$	(2.37)	\$	(0.50)	\$	0.39	\$	(0.01)	\$	(2.10)
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Weighted average number of ordinary shares used to compute diluted net income (loss) per ordinary share		2,623,296		3,363,377		3,890,396		3,973,509		4,084,789
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Balance Sheet Data:

Working capital	\$	5,702	\$	10,051	\$	12,987	\$	15,783	\$	7,303
Total assets	\$	14,403	\$	20,129	\$	23,790	\$	27,753	\$	18,896
Shareholders' equity	\$	6,246	\$	10,024	\$	12,485	\$	15,373	\$	7,578
Share capital	\$	57	\$	101	\$	107	\$	120	\$	122

B. CAPITALIZATION AND INDEBTEDNESS

Not applicable.

C. REASONS FOR THE OFFER AND USE OF PROCEEDS

Not applicable.

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D. RISK FACTORS

Our business, operating results and financial condition could be seriously harmed due to any of the following risks, among others. If we do not successfully address the risks to which we are subject, we could experience a material adverse effect on our business, results of operations and financial condition and our share price may decline. We cannot assure you that we will successfully address any of these risks.

Risks Related to Our Business and Our Industry

We may incur losses in the future.

Although we had net income in the fiscal year ended December 31, 2005, in the fiscal years ended December 31, 2006 and 2007, we incurred losses, and we also incurred a loss in the first quarter of 2008 of \$0.9 million. We may incur losses in the future, which could materially affect our cash, liquidity and adversely affect the value and market price of our shares. See item 5.B, Liquidity and Capital Resources for further discussion.

We have a history of quarterly fluctuations and unpredictability in our results of operations and expect these fluctuations to continue. This may cause our stock price to decline.

We have experienced and expect to experience in the future significant fluctuations in our quarterly results of operations. Factors that may contribute to fluctuations in our quarterly results of operations include:

- the variation in size and timing of individual purchases by our customers;
- absence of long-term customer purchase contracts;
- seasonal factors that may affect capital spending by customers, such as the varying fiscal year-ends of customers and the reduction in business during the summer months, particularly in Europe;
- the relatively long sale cycles for our products;
- competitive conditions in our markets;
- the timing of the introduction and market acceptance of new products or product enhancements by us and by our customers, competitors and suppliers;
- changes in the level of operating expenses relative to revenues;
- product quality problems;
- supply interruptions;
- changes in global or regional economic conditions or in the telecommunications industry;
- delays in purchasing decisions or customer orders due to customer consolidation;
- changes in the mix of products sold; and
- size and timing of approval of grants from the Government of Israel.

We believe, therefore, that period-to-period comparisons of our operating results should not be relied upon as a reliable indication of future performance.

·Our revenues in any period generally have been, and may continue to be, derived from a relatively small number of orders with relatively high average revenues per order. Therefore, the loss of any order or a delay in closing a transaction could have a more significant impact on our quarterly revenues and results of operations than on those of companies with relatively high volumes of sales or low revenues per order. Our products generally are shipped within 15 to 30 days after orders are received. As a result, we generally do not have a significant backlog of orders, and revenues in any quarter are substantially dependent on orders booked, shipped and installed in that quarter.

We may experience a delay in generating or recognizing revenues for a number of reasons and based on revenue recognition accounting requirements. Unfulfilled orders at the beginning of each quarter are typically substantially less than our expected revenues for that quarter. Therefore, we depend on obtaining orders in a quarter for shipment in that quarter to achieve our revenue objectives. Moreover, demand for our products may fluctuate as a result of seasonality.

Our revenues for a particular period may also be difficult to predict and may be adversely affected if we experience a non-linear (back-end loaded) sales pattern during the period. We generally experience significantly higher levels of sales towards the end of a period as a result of customers submitting their orders late in the period or as a result of manufacturing issues or component shortages which may delay shipments. Such non-linearity in shipments can increase costs, as irregular shipment patterns result in periods of underutilized capacity and periods when overtime expenses may be incurred, and also lead to additional costs associated with inventory planning and management. Furthermore, orders received towards the end of the period may not ship within the period due to our manufacturing lead times.

- Except for our cost of revenues, most of our costs, including personnel and facilities costs, are relatively fixed at levels based on anticipated revenue. As a result, a decline in revenue from even a limited number of orders could result in our failure to achieve expected revenue in any quarter and unanticipated variations in the timing of realization of revenue could cause significant variations in our quarterly operating results and could result in losses.
- If our revenues in any quarter remain level or decline in comparison to any prior quarter, our financial results could be materially adversely affected. In addition, if we do not reduce our expenses in a timely manner in response to level or declining revenues, our financial results for that quarter could be materially adversely affected.
- Due to the factors described above, as well as other unanticipated factors, in future quarters our results of operations could fail to meet the expectations of public market analysts or investors. If this occurs, the price of our ordinary shares may fall.

A slowdown in the telecommunications industry generally, or in the sectors of the industry that we target (currently primarily 3G and 3.5G Cellular and triple-play networks), could materially adversely affect our revenues and results of operations.

Our future success is dependent upon the continued growth of the telecommunications industry. The global telecommunications industry is evolving rapidly, and it is difficult to predict its potential growth rate or future trends in technology development. The deregulation, privatization and economic globalization of the worldwide telecommunications market that have resulted in increased competition and escalating demand for new technologies and services may not continue in a manner favorable to us or our business strategies. In addition, the growth in demand for Internet services and the resulting need for high speed or enhanced telecommunications equipment may not continue at its current rate or at all.

Our future success depends upon the increased utilization of our test solutions by next-generation network operators and telecommunications equipment vendors. Industry-wide network equipment and infrastructure development driving the demand for our products and services may be delayed or prevented by a variety of factors, including cost, regulatory obstacles or the lack of, or reduction in, consumer demand for advanced telecommunications products and services. Telecommunications equipment vendors and network operators may not develop new technology or enhance current technology. Further, any such new technology or enhancements may not lead to greater demand for our products.

Continued negative trends and factors affecting the telecommunications industry specifically and the economy in general may result in reduced demand and pricing pressure on our products.

Negative trends and factors affecting the telecommunications industry specifically and the economy in general over the past several years have negatively affected our results of operations. As a result of the build-up of capacity by telecommunications companies in the late 1990s, the telecommunications sector has been facing significant challenges from excess capacity, new technologies and intense price competition. This excess network capacity, combined with the failure of many competitors in the telecommunications sector, has contributed to delayed adoption of next-generation cellular and wireline networks. In addition, weak economic conditions that started during the second half of 2007 resulted in reduced capital expenditures, reluctance to commit to long-term capital outlays and longer sales processes for network procurements by our customers. Although this trend has abated, we cannot predict the duration of the improvement or the impact it may have on our results of operations. Furthermore, during 2007, we were affected by a slowdown in the pace of new 3G and 3.5G Cellular deployments. Generally, if economic growth in the United States and other countries' economies is slowed, many customers may delay or reduce technology purchases. This could result in reductions in sales of our products, longer sales cycles, slower adoption of new technologies and increased price competition. In addition, weakness in the end-user market could negatively affect the cash flow of our distributors and resellers who could, in turn, delay paying their obligations to us. This would increase our credit risk exposure and cause delays in our recognition of revenues on future sales to these customers. Any of these events would likely harm our business, operating results and financial condition. If global economic and market conditions, or economic conditions in the United States or other key markets deteriorate, we may experience material impacts on our business, operating results, and financial condition. Finally, an overall trend toward industry consolidation and rationalization among our customers, competitors and suppliers can affect our business, especially if any of the sectors we service or the countries or regions in which we do business are affected. Industry consolidation may slow down the implementation of new systems and technologies. Any future weakness in the economy or the telecommunications industry could affect us through reduced demand for our products, leading to a reduction in revenues and a material adverse effect on our business and results of operations.

The market for our products is characterized by changing technology, requirements, standards and products, and we may be materially adversely affected if we do not respond promptly and effectively to such changes.

The telecommunications market for our products is characterized by rapidly changing technology, changing customer requirements, evolving industry standards and frequent new product introductions, certain changes of which could reduce the market for our products or require us to develop new products. For example, the new IPTV market required us to develop a new product to keep ahead with customer requirements.

New or enhanced telecommunications and data communications-related products developed by other companies could be incompatible with our products. Therefore, our timely access to information concerning, and our ability to anticipate, changes in technology and customer requirements and the emergence of new industry standards, as well as our ability to develop, manufacture and market new and enhanced products successfully and on a timely basis, will be significant factors in our ability to remain competitive. For example, many of our strategic initiatives and investments are aimed at meeting the requirements of application providers of 3G and 3.5G Cellular and triple-play networks. If networking evolves toward greater emphasis on application providers, we believe we have positioned ourselves well relative to our key competitors. If it does not, however, our initiatives and investments in this area may be of no or limited value. As a result we cannot quantify the impact of new product introductions on our future operations.

In addition, as a result of the need to develop new and enhanced products, we expect to continue making investments in research and development before or after product introductions. Some of our research and development activities relate to long-term projects, and these activities may fail to achieve their technical or business targets and may be terminated at any point, and revenues expected from these activities may not be received for a substantial time, if at all.

Our inventory may become obsolete or unusable.

We make advance purchases of various component parts in relatively large quantities to ensure that we have an adequate and readily available supply. Our failure to accurately project our needs for these components and the demand for our products that incorporate them, or changes in our business strategy or technology that reduce our need for these components, could result in these components becoming obsolete prior to their intended use or otherwise unusable in our business. This would result in a write-off of inventories for these components.

Any reversal or slowdown in deregulation of telecommunications markets could materially harm the markets for our products.

Future growth in the markets for our products will depend, in part, on the continued privatization, deregulation and the restructuring of telecommunications markets worldwide, as the demand for our products is generally higher when a competitive environment exists. Any reversal or slowdown in the pace of this privatization, deregulation or restructuring could materially harm the markets for our products. Moreover, the consequences of deregulation are subject to many uncertainties, including judicial and administrative proceedings that affect the pace at which the changes contemplated by deregulation occur, and other regulatory, economic and political factors. Furthermore, the uncertainties associated with deregulation have in the past, and could in the future, cause our customers to delay purchasing decisions pending the resolution of these uncertainties.

Our business could be harmed if we were to lose the services of one or more members of our senior management team, or if we are unable to attract and retain qualified personnel.

Our future growth and success depends to a significant extent upon the continuing services of our executive officers and other key employees. We do not have long-term employment agreements or non-competition agreements with any of our employees. Competition for qualified management and other high-level telecommunications industry personnel is intense, and we may not be successful in attracting and retaining qualified personnel. If we lose the services of any key employees, we may not be able to manage our business successfully or to achieve our business objectives.

Our success also depends on our ability to identify, attract and retain qualified technical, sales, finance and management personnel. We have experienced, and may continue to experience, difficulties in hiring and retaining candidates with appropriate qualifications. If we do not succeed in hiring and retaining candidates with appropriate qualifications, our revenues and product development efforts could be harmed.

We may lose significant market share as a result of intense competition in the markets for our existing and future products.

Many companies compete with us in the market for network testing and service monitoring solutions. We expect that competition will increase in the future, both with respect to products that we currently offer and products that we are developing. Moreover, manufacturers of data communications and telecommunications equipment, which are current and potential customers of ours, may in the future incorporate into their products capabilities similar to ours, which would reduce the demand for our products. In addition, affiliates of ours that currently provide services to us may, in the future, compete with us.

Many of our existing and potential competitors have substantially greater resources, including financial, technological, engineering, manufacturing and marketing and distribution capabilities, and several of them may enjoy greater market recognition than us. We may not be able to compete effectively with our competitors. A failure to do so could adversely affect our revenues and profitability.

We are dependent upon the success of distributors and sales representatives who are under no obligation to distribute our products.

We are highly dependent upon our distributors for their active marketing and sales efforts and for the distribution of our products and sales representatives in North America to a lesser degree. Many of our distributors outside of North America and China are the only entities engaged in the distribution of our products in their respective geographical areas. Typically, our arrangements with them do not prevent our distributors from distributing competing products, or require them to distribute our products in the future. Our distributors may not give a high priority to marketing and supporting our products. Our results of operations could be materially adversely affected by changes in the financial situation, business or marketing strategies of our distributors. Any such changes could occur suddenly and rapidly.

We may lose customers and/or distributors on whom we currently depend and we may not succeed in developing new distribution channels.

We had one customer in North America who accounted for more than 10% of our sales in each of 2005 and 2006. This customer reduced its orders in 2007, thereby accounting for less than 10% of our sales, which caused a decrease in our operating results.

Our seven largest distributors accounted for a total of approximately 36.1% of our sales in 2005, 40.7% of our sales in 2006 and 39.3% of our sales in 2007. One of our largest distributors in Europe accounted for about 10% of our sales in 2005. None of our distributors accounted for more than 10% of our sales in 2006 or 2007. If we terminate or lose any of our distributors or if they downsize significantly, we may not be successful in replacing them on a timely basis, or at all. Any changes in our distribution and sales channels, particularly the loss of a major distributor or our inability to establish effective distribution and sales channels for new products, will impact our ability to sell our products and result in a loss of revenues.

We could be subject to warranty claims and product recalls, which could be very expensive and harm our financial condition.

Products as complex as ours sometimes contain undetected errors. These errors can cause delays in product introductions or require design modifications. In addition, we are dependent on other suppliers for key components that are incorporated in our products. Defects in systems in which our products are deployed, whether resulting from faults in our products or products supplied by others, due to faulty installation or any other cause, may result in customer dissatisfaction, product return and, potentially, product liability claims being filed against us. Our warranties permit customers to return defective products for repair. The warranty period is for one year. Any failure of a system in which our products are deployed (whether or not our products are the cause), any product recall or product liability claims with any associated negative publicity, could result in the loss of, or delay in, market acceptance of our products and harm to our business.

We incorporate open source technology in our products, which may expose us to liability and have a material impact on our product development and sales.

Some of our products utilize open source technologies. These technologies are licensed to us on varying license structures, including the General Public License. This license and others like it pose a potential risk to products in the event they are inappropriately integrated. In the event that we have not, or do not in the future, properly integrate

software that is subject to such licenses into our products, we may be required to disclose our own source code to the public, which could enable our competitors to eliminate any technological advantage that our products may have over theirs. Any such requirement to disclose our source code or other confidential information related to our products could, therefore, materially adversely affect our competitive advantage and impact our business results of operations and financial condition.

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We depend on limited sources for key components and if we are unable to obtain these components when needed, we will experience delays in manufacturing our products.

We currently obtain key components for our products from either a single supplier or a limited number of suppliers. We do not have long-term supply contracts with any of our existing suppliers. This presents the following risks:

- Delays in delivery or shortages in components could interrupt and delay manufacturing and result in cancellations of orders for our products.
 - Suppliers could increase component prices significantly and with immediate effect.
 - We may not be able to locate alternative sources for product components.
- Suppliers could discontinue the manufacture or supply of components used in our products. This may require us to modify our products, which may cause delays in product shipments, increased manufacturing costs and increased product prices.
- We may be required to hold more inventory than would be immediately required in order to avoid problems from shortages or discontinuance.
- We have experienced delays and shortages in the supply of components on more than one occasion in the past. This resulted in delays in our delivering products to our customers.

We depend on a limited number of independent manufacturers, which reduces our ability to control our manufacturing process.

We rely on a limited number of independent manufacturers, some of which are small, privately held companies, to provide certain assembly services to our specifications. We do not have any long-term supply agreements with any third-party manufacturer. If our assembly services are reduced or interrupted, our business, financial condition and results of operations could be adversely affected until we are able to establish sufficient assembly services supply from alternative sources. Alternative manufacturing sources may not be able to meet our future requirements, and existing or alternative sources may not continue to be available to us at favorable prices.

If we do not effectively manage our planned growth, our business and operating results could be adversely affected.

Our planned growth has placed, and is expected to continue to place, significant demands on our management and our administrative and operational resources. To manage our planned expansion effectively, we need to continue to develop and improve our operational and financial systems, sales and marketing capabilities and expand, train, retain, manage and motivate our employee base. Our systems, procedures or controls may not be adequate to support our operations and our management may not be able to successfully exploit future market opportunities, including, without limitation, strategic partnerships and joint ventures, or successfully manage our relationships with customers and other third parties. We may not continue to grow and, if we do, we may not effectively manage such planned growth. Any failure to manage planned growth could have an adverse effect on our business, financial condition and results of operations.

Our proprietary technology is difficult to protect and unauthorized use of our proprietary technology by third parties may impair our ability to compete effectively.

Our success and ability to compete depend in large part upon protecting our proprietary technology. We rely upon a combination of contractual rights, software licenses, trade secrets, copyrights, nondisclosure agreements and technical measures to establish and protect our intellectual property rights in our products and technologies. In addition, we sometimes enter into non-competition, non-disclosure and confidentiality agreements with our employees, distributors and manufacturers' representatives, and certain suppliers with access to sensitive information. However, we have no registered patents, and these measures may not be adequate to protect our technology from third-party infringement. Moreover, pursuant to current U.S. and Israeli laws, we may not be able to enforce certain existing non-competition agreements. Additionally, effective trademark, patent and trade secret protection may not be available in every country in which we offer, or intend to offer, our products.

We may be subject to litigation, including without limitation, regarding infringement claims or claims that we have violated intellectual property rights, which could seriously harm our business.

Third parties may from time to time assert against us infringement claims or claims that we have violated a patent or infringed a copyright, trademark or other proprietary right belonging to them. If such infringement were found to exist, we might be required to modify our products or intellectual property or obtain a license or right to use such technology or intellectual property. Any infringement claim, even if not meritorious, could result in the expenditure of significant financial and managerial resources.

Yehuda Zisapel and Zohar Zisapel, beneficially own approximately 39.3% of our ordinary shares and therefore have significant influence over the outcome of matters requiring shareholder approval, including the election of directors.

As of May 31, 2008, Yehuda Zisapel and Zohar Zisapel (our Chairman of the Board of Directors), who are brothers, beneficially owned an aggregate of 1,993,447 ordinary shares, representing approximately 39.3% of the ordinary shares. As a result, Yehuda Zisapel and Zohar Zisapel have significant influence over the outcome of various actions that require shareholder approval, including the election of our directors. In addition, Yehuda Zisapel and Zohar Zisapel may be able to delay or prevent a transaction in which shareholders might receive a premium over the prevailing market price for their shares and prevent changes in control of management.

We engage in transactions, and compete, with companies controlled by Yehuda Zisapel and Zohar Zisapel, which may result in potential conflicts.

We are engaged in, and expect to continue to be engaged in, numerous transactions with companies controlled by Yehuda Zisapel and Zohar Zisapel. We believe that such transactions are beneficial to us and are generally conducted upon terms that are no less favorable to us than would be available from unaffiliated third parties. Nevertheless, these transactions may result in a conflict of interest between what is best for us and the interests of the other parties in such transactions. In addition, several products of such affiliated companies may be used in place of our products, and it is possible that direct competition between us and one or more of such affiliated companies may develop in the future. Moreover, opportunities to develop, manufacture, or sell new products (or otherwise enter new fields) may arise in the future and be pursued by one or more affiliated companies instead of or in competition with us. This could materially adversely affect our business and results of operations.

We may encounter difficulties with our international operations and sales which could affect our results of operations.

While we are headquartered in Israel, approximately 96.6% of our sales in 2005, 98.5% of our sales in 2006 and 96.4% of our sales in 2007 were generated outside of Israel, including in North America, Europe, Asia, South America and Australia. This subjects us to many risks inherent in international business activities, including:

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- national standardization and certification requirements and changes in tax law and regulatory requirements;

- longer sales cycles, especially upon entry into a new geographic market;

- export license requirements;

- trade restrictions;

- changes in tariffs;

- currency fluctuations;

- economic or political instability;

- greater difficulty in safeguarding intellectual property; and

- difficulty in managing overseas subsidiaries, branches or international operations.

We may encounter significant difficulties in connection with the sale of our products in international markets as a result of one or more of these factors. In particular, the significant devaluation of the U.S. dollar vis-à-vis the NIS during 2007 had and may continue to have an adverse effect on our operations, as we derive most of our revenues in U.S. dollars while we incur most of our expenses in NIS.

Any inability to comply with Section 404 of the Sarbanes-Oxley Act of 2002 regarding internal control attestation may negatively impact the report on our financial statements to be provided by our independent auditors.

We are subject to the reporting requirements of the United States Securities and Exchange Commission (the "SEC"). The SEC, as directed by Section 404 of the United States Sarbanes-Oxley Act of 2002 (the "Sarbanes-Oxley Act"), adopted rules requiring public companies to include a report of management on the Company's internal control over financial reporting in its annual report on Form 10-K or Form 20-F, as the case may be, that contains an assessment by management of the effectiveness of the Company's internal control over financial reporting. In addition, the Company's independent registered public accountants must attest to and report on management's assessment of the effectiveness of the Company's internal control over financial reporting. Our management may not conclude that our internal controls over financial reporting are effective. Moreover, even if our management does conclude that our internal controls over financial reporting are effective, if the independent accountants are not satisfied with our internal controls, the level at which our controls are documented, designed, operated or reviewed, or if the independent accountants interpret the requirements, rules or regulations differently from us, they may issue an adverse opinion on our internal control over financial reporting. Any of these possible outcomes could result in a loss of investor confidence in the reliability of our financial statements, which could negatively impact the market price of our shares.

As a non-accelerated filer, we must now comply with the annual disclosure requirements of Section 404 regarding management's report on internal control over financial reporting. Pursuant to Section 404(b), we will be required to provide an independent auditor's attestation in the 2009 annual report, i.e., for the year ended December 31, 2009.

If we determine that we are not in compliance with Section 404, we may be required to implement new internal control procedures and re-evaluate our financial reporting. We may experience higher than anticipated operating expenses as well as outside auditor fees during the implementation of these changes and thereafter. Further, we may need to hire additional qualified personnel in order for us to be compliant with Section 404. If we are unable to implement these changes effectively or efficiently, it could harm our operations, financial reporting or financial results

and could result in our conclusion that our internal controls over financial reporting are not effective.

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Our adoption of SFAS 123(R) will result in ongoing accounting charges that will significantly reduce our net income.

In December 2004, the Financial Accounting Standards Board (the “FASB”) issued Statement of Financial Accounting Standards No. 123 (revised 2004), “Share-Based Payment” (“SFAS 123(R)”), which requires all companies to measure compensation expense for all share-based payments (including employee stock options) at fair value, and which became effective for public companies for annual reporting periods of fiscal years beginning after June 15, 2005. Our adoption of SFAS 123(R) required us to record an expense of \$564,000 for stock-based compensation plans during 2007 and will continue to result in ongoing accounting charges that will significantly reduce our net income. See Note 6 of our Notes to the Consolidated Financial Statements for further information.

If we are characterized as a passive foreign investment company, our U.S. shareholders may suffer adverse tax consequences.

As more fully described below in “Item 10—Additional Information—Taxation—United States Federal Income Tax Considerations—Taxation of Ordinary Shares—Passive Foreign Investment Company Status,” if for any taxable year our passive income, or our assets that produce (or are held for the production of) passive income, exceed specified levels, we may be characterized as a passive foreign investment company (“PFIC”) for U.S. federal income tax purposes. This characterization could result in adverse U.S. tax consequences to our U.S. shareholders, including gain on the disposition of our ordinary shares being treated as ordinary income and any resulting U.S. federal income tax being increased by an interest charge. Rules similar to those applicable to dispositions generally will apply to certain “excess distributions” in respect of our ordinary shares. We believe that we were not a PFIC for 2007 based upon our income, assets, activities and market capitalization during such year. However, there are no assurances that the IRS will agree with our conclusion or that we will not become a PFIC in subsequent taxable years. U.S. shareholders should consult with their own U.S. tax advisors with respect to the U.S. tax consequences of investing in our ordinary shares.

Volatility of the market price of our ordinary shares could adversely affect us and our shareholders.

The market price of our ordinary shares has been and is likely to continue to be highly volatile and could be subject to wide fluctuations in response to numerous factors, including the following:

- market conditions or trends in our industry;
- political, economic and other developments in the State of Israel and worldwide;
- actual or anticipated variations in our quarterly operating results or those of our competitors;
- announcements by us or our competitors of technological innovations or new and enhanced products;
- changes in the market valuations of our competitors;
- announcements by us or our competitors of significant acquisitions;
- entry into strategic partnerships or joint ventures by us or our competitors; and
- additions or departures of key personnel.

In addition, the stock market in general, and the market for Israeli and technology companies in particular, has been highly volatile. Many of these factors are beyond our control and may materially adversely affect the market price of our ordinary shares, regardless of our performance. Shareholders may not be able to resell their ordinary shares

following periods of volatility because of the market's adverse reaction to such volatility and we may not be able to raise capital through an offering of securities.

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From time to time we may need to raise financing. If adequate funds are not available on terms favorable to us or to our shareholders, our operations and growth strategy will be materially adversely affected.

From time to time we may be required to raise financing in connection with our operations and growth strategy. We do not know whether additional financing will be available when needed, or whether it will be available on terms favorable to us. If adequate funds are not available on terms favorable to us or to our shareholders, our operations and growth strategy will be materially adversely affected.

We might not satisfy all the requirements for continued listing on the NASDAQ Capital Market, and our shares may be delisted.

Following a one-to-four reverse share split that we effected on June 16, 2008, we are currently in compliance with all requirements for continued listing on the NASDAQ Capital Market, to which we transferred from the NASDAQ Global Market on October 1, 2007. We cannot assure you, however, that we will maintain such compliance over the long term or that we will be able to maintain compliance with all of the continued listing requirements for the NASDAQ Capital Market. If we fail to comply with any of the continued listing requirements, we could be delisted from the NASDAQ Capital Market. Our shares would then be quoted on the Over-The-Counter Bulletin Board (assuming we satisfied the continued listing requirements for that quotation system). During 2007 and 2008, our share price decreased below the required minimum bid price. In addition, in 2007, we fell below the minimum \$10 million shareholders' equity requirement of the NASDAQ Global Market and we had to transfer to the NASDAQ Capital Market in order to continue to be listed on NASDAQ. The post-reverse share split price of our ordinary share is approximately \$2.50 as of June 1, 2008; however, if our share price continues to decline we might be unable to satisfy the NASDAQ Capital Market continued listing requirements, including its minimum bid price of a \$1 per share.

Risks Relating to Our Location in Israel

Conditions in Israel affect our operations and may limit our ability to produce and sell our products.

We are incorporated under Israeli law and our principal offices and manufacturing and research and development facilities are located in the State of Israel. Political, economic and military conditions in Israel directly affect our operations. Since the establishment of the State of Israel in 1948, a number of armed conflicts have taken place between Israel and its Arab neighbors, and a state of hostility, varying in degree and intensity, has led to security and economic problems for Israel. We could be adversely affected by hostilities involving Israel, the interruption or curtailment of trade between Israel and its trading partners, a significant increase in inflation, or a significant downturn in the economic or financial condition of Israel. Since October 2000, there has been a marked increase in hostilities between Israel and the Palestinians, which has adversely affected the peace process and has negatively influenced Israel's relationship with several Arab countries. Also, the political and security situation in Israel may result in certain parties with whom we have contracts claiming that they are not obligated to perform their commitments pursuant to force majeure provisions of those contracts. In January 2006, Hamas, an Islamic movement responsible for many attacks against Israelis, won the majority of the seats in the Parliament of the Palestinian Authority. The election of a majority of Hamas-supported candidates is expected to be a major obstacle to relations between Israel and the Palestinian Authority, as well as to the stability in the Middle East as a whole. During the third quarter of 2006, Israel was engaged in war with the Hezbollah in Lebanon; however, the war did not materially affect the Company's results. There have been extensive hostilities along Israel's border with the Gaza Strip since June 2007 when the Hamas effectively took control of the Gaza Strip. Further escalation has occurred during 2008.

Since our manufacturing facilities are located exclusively in Israel, we could experience disruption of our manufacturing due to acts of terrorism or any other hostilities involving or threatening Israel. If an attack were to occur, any Israeli military response that results in the call to duty of the country's reservists (as further discussed below) could affect the performance of our Israeli facilities for the short term. Our business interruption insurance may not adequately compensate us for losses that may occur and any losses or damages incurred by us could have a material adverse effect on our business. We do not believe that the political and security situation has had any material impact on our business to date; however, we can give no assurance that it will have no such effect in the future.

Some neighboring countries, as well as certain companies and organizations, continue to participate in a boycott of Israeli firms and others doing business with Israel or with Israeli companies. We are also precluded from marketing our products to certain of these countries due to U.S. and Israeli regulatory restrictions. Because none of our revenue is currently derived from sales to these countries, we believe that the boycott has not had a material adverse effect on us. However, restrictive laws, policies or practices directed towards Israel or Israeli businesses could have an adverse impact on the expansion of our business.

All male adult citizens and permanent residents of Israel under the age of 51 are, unless exempt, obligated to perform military reserve duty annually. Additionally, these residents are subject to being called to active duty at any time under emergency circumstances. Many of our officers and employees are currently obligated to perform annual reserve duty. Given these requirements, we believe that we have operated relatively efficiently since beginning operations in 1991 and since increased hostilities with the Palestinians beginning in October 2000. In addition, our operations were not materially affected by the war with Lebanon that took place during the third quarter of 2006. However, we cannot assess what the full impact of these requirements on our workforce or business would be if the situation with the Palestinians changed, and we cannot predict the effect on our business operations of any expansion or reduction of these military reserve requirements.

We may be adversely affected if the rate of inflation in Israel exceeds the rate of devaluation of the New Israeli Shekel against the dollar, and if the value of the New Israeli Shekel against the dollar increases.

A portion of our expenses, primarily labor expenses, is incurred in NIS. As a result, we are exposed to the risk that the rate of inflation in Israel will exceed the rate of devaluation of the NIS in relation to the dollar or that the timing of this devaluation will lag behind inflation in Israel. Further, during 2007 the dollar decreased in value relative to the NIS by about 9%. This trend has continued during the first five months of 2008 by an additional devaluation of the dollar relative to the NIS by about 10%. If this trend towards devaluation continues, it, coupled with a high inflation rate in Israel, may result in higher dollar costs for our operations in Israel, adversely affecting our dollar-measured results of operations.

We currently benefit from government programs and tax benefits that may be discontinued or reduced.

We currently receive grants and potential tax benefits under Government of Israel programs. In order to maintain our eligibility for these programs and benefits, we must continue to meet specific conditions, including making specific investments in fixed assets and paying royalties with respect to grants received. In addition, some of these programs restrict our ability to manufacture particular products outside of Israel or to transfer particular technology. If we fail to comply with these conditions in the future, the benefits received could be canceled and we could be required to refund any payments previously received under these programs, or pay increased taxes. The Government of Israel has reduced the benefits available under these programs in recent years and these programs and tax benefits may be discontinued or curtailed in the future. If we do not receive these grants in the future, we will have to allocate funds to product development at the expense of other operational costs. The amount, if any, by which our taxes will increase depends upon the rate of any tax increase, the amount of any tax benefit reduction and the amount of any taxable income that we may earn in the future. If the Government of Israel ends these programs and tax benefits, our business, financial condition and results of operations could be materially adversely affected.

Provisions of Israeli law may delay, prevent or make difficult a merger or acquisition of us, which could prevent a change of control and depress the market price of our shares.

The Israeli Companies Law (the “Companies Law”) generally requires that a merger be approved by a company’s board of directors and by a majority of the shares voting on the proposed merger. Unless a court rules otherwise, the statutory merger will not be deemed approved if shares representing a majority of the voting power present at the shareholders meeting, and which are not held by the potential merger partner (or by any person who holds 25% or more of the shares of capital stock or the right to appoint 25% or more of the directors of the potential merger partner or its general manager), vote against the merger. Upon the request of any creditor of a party to the proposed merger, a court may delay or prevent the merger if it concludes that there is a reasonable concern that, as a result of the merger, the surviving company will be unable to satisfy its obligations. In addition, a merger may generally not be completed unless at least (i) 50 days have passed since the filing of the merger proposal with the Israeli Registrar of Companies by each of the merging companies, and (ii) 30 days have passed since the merger was approved by the shareholders of each of the parties to the merger.

Finally, Israeli tax law treats some acquisitions, such as stock-for-stock exchanges between an Israeli company and a foreign company less favorably than do U.S. tax laws. For example, Israeli tax law may, under certain circumstances, subject a shareholder who exchanges his ordinary shares for shares in another corporation to taxation prior to the sale of the shares received in such a stock-for-stock swap.

These provisions of Israeli corporate and tax law and the uncertainties surrounding such law may have the effect of delaying, preventing or making more difficult a merger with us or an acquisition of us. This result could prevent a change of control over us and depress our ordinary shares’ market price which otherwise might rise as a result of such a change of control.

It may be difficult to (i) effect service of process, (ii) assert U.S. securities laws claims and (iii) enforce U.S. judgments in Israel against directors, officers and auditors named in this annual report.

We are incorporated in Israel. All of our executive officers and directors named in this annual report are non-residents of the United States, except for Avi Zamir who is a resident of the United States. A substantial portion of our assets and the assets of such persons are located outside the United States. Therefore, it may be difficult to enforce a judgment obtained in the United States against us or any of those persons or to effect service of process upon those persons. It may also be difficult to enforce civil liabilities under U.S. federal securities laws in original actions instituted in Israel.

Our ordinary shares are listed for trading in more than one market and this may result in price variations.

Our ordinary shares are listed for trading on the NASDAQ, and since February 20, 2006, on the Tel-Aviv Stock Exchange (the “TASE”). Trading in our ordinary shares are traded on these markets in different currencies (U.S. dollars on the NASDAQ and New Israeli Shekels on the TASE), and at different times (resulting from different time zones, different trading days and different public holidays in the United States and Israel). Actual trading volume on the TASE is expected to be lower compared to the trading volume on the NASDAQ, and as such, could be subject to higher volatility. The trading prices of our ordinary shares on these two markets are expected to often differ, resulting from as a result of the factors described above, as well as in this paragraph, and because of differences in exchange rates. Any decrease in the trading price of our ordinary shares on one of these markets could cause a decrease in the trading price of our ordinary shares on the other market.

ITEM 4. INFORMATION ON THE COMPANY

A. HISTORY AND DEVELOPMENT OF THE COMPANY

Both our legal and commercial name is RADCOM Ltd, and we are an Israeli company. RADCOM Ltd. was incorporated in 1985 under the laws of the State of Israel, and we commenced operations in 1991. The principal legislation under which we operate is the Israeli Company Laws 1999 (the “Israeli Companies Law”). Our principal executive offices are located at 24 Raoul Wallenberg Street, Tel Aviv 69719, Israel, and our telephone and fax numbers are 972-3-645-5055 and 972-3-647-4681, respectively. Our website is www.radcom.com. Information on our website and other information that can be accessed through it are not part of, or incorporated by, reference into this annual report.

In 1993, we established a wholly-owned subsidiary in the United States, RADCOM Equipment, Inc. (“RADCOM Equipment, Inc.”), a New Jersey corporation, which serves as our agent for service of process in the United States. RADCOM Equipment is located at 6 Forest Avenue, Paramus, New Jersey 07652, and its telephone number is (201) 518-0033. In 1996, we incorporated a wholly-owned subsidiary in Israel, RADCOM Investments (1996) Ltd. (“RADCOM Investments”), located at our office in Tel Aviv, Israel; its telephone number is the same as ours (972-3-645-5055). In 2001, we established a wholly-owned subsidiary in the United Kingdom, RADCOM (UK) Ltd., a United Kingdom corporation. RADCOM (UK) Ltd. is located at 2440 The Quadrant, Aztec West, Almondsbury, Bristol, BS32 4AQ England, and its telephone number is 44-1454-878827.

For a discussion of important events in the development of the Company’s business, see “—Business Overview. For a discussion of our capital expenditures and divestitures, see “Item 5—Operating and Financial Review and Prospects—Liquidity and Capital Resources.”

BUSINESS OVERVIEW

Below are the definitions of certain technical terms that are used throughout this 20-F and that are important for understanding our business.

GLOSSARY

3G	A third-generation digital cellular telecommunication.
3.5G	3.5 generation digital cellular networks.
Asynchronous Transfer Mode (ATM)	A cell-based network technology protocol that supports simultaneous transmission of data, voice and video typically at T1/E1 or higher speeds.
Code Division Multiple Access (CDMA)	A digital wireless technology that uses a modulation technique in which many channels are independently coded for transmission over a single wideband channel.
CDMA2000 1X (EV-DO)	A third-generation digital high-speed wireless technology for packet-based transmission of text, digitized voice, video, and multimedia that is the successor to CDMA.
Time Division Synchronous Code Division Multiple Access (TD-SCDMA)	A 3G mobile telecommunications standard, being pursued in the People's Republic of China by the Chinese Academy of Telecommunications Technology (CATT).

Global System for Mobile
Communications (GSM)

A digital wireless technology that is widely deployed in Europe and, increasingly,
in other parts of the world.

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General Packet Radio Service (GPRS)	A packet-based digital intermediate speed wireless technology based on GSM. (2.5 generation)
Universal Mobile Telecommunications Service (UMTS)	A third-generation digital high-speed wireless technology for packet-based transmission of text, digitized voice, video, and multimedia that is the successor to GSM.
Voice Over IP (VoIP)	A telephone service that uses the Internet as a global telephone network.
IP Multimedia Subsystem (IMS)	An internationally recognized standard defining a generic architecture for offering Voice over IP and multimedia services to multiple-access technologies.
Triple Play	A marketing term for the provisioning of the three services: high-speed Internet, television (Video on Demand or regular broadcasts) and telephone service over a single broadband connection.
Internet Protocol TV (IPTV)	Transmitting video in IP packets. Also called "TV over IP," IPTV uses streaming video techniques to deliver scheduled TV programs or video on demand (VOD).
Protocol	A specific set of rules, procedures or conventions governing the format, means and timing of transmissions between two devices.
Session	A lasting connection between a user (or user agent) and a peer, typically a server, usually involving the exchange of many packets between the user's computer and the server. A session is typically implemented as a layer in a network protocol.

Overview

We develop, manufacture, market and support innovative network test and service assurance solutions for communications service providers and equipment vendors. We specialize in next generation cellular as well as voice, data and video over IP networks. Our solutions are used in the development and installation of network equipment and in the maintenance of operational networks. Our products facilitate fault management, network service performance monitoring and analysis, troubleshooting and pre-mediation (the ability to collect network information for a third-party application). We currently offer the following solutions:

Network Monitoring

Our award-winning Omni-Q is a unique, next-generation network testing, monitoring and performance management solution. The Omni-Q system consists of a powerful and user-friendly central management module and a broad range of intrusive and non-intrusive probes covering various networks and services, including VoIP, UMTS, CDMA, IPTV, IMS data and others. The Omni-Q's central management module is designed to exploit the unique capabilities and feature set of our probes. It consolidates captured information into a comprehensive, integrated network service view that facilitates performance monitoring, fault detection, and network and service troubleshooting.

Protocol Analyzers

Our award-winning network protocol analyzers offer a powerful network analysis and test solutions available to the Cellular, VoIP and data communications industry. Our network analyzers support over 700 protocols with multiple interfaces, allowing users to troubleshoot and analyze the most complex and advanced networks, quickly and simply.

Our Customers and the Market for Our Solutions

The key benefits of our solutions to markets and customers are described below:

For Developers: Reduced time to market, reduced development costs, automated testing and application versatility from research and development (“ R&D”) to QA (quality assurance) through final testing and field service.

For Service Providers/Enterprises:

- reduced quality degradation, reduced outages, improved network utilization and longer customer hold times;
- ability to employ fewer and less experienced maintenance staff due to the utilization of a single test system environment, controlled by a central console, ensuring ease of use and reduced learning curves; and
- decreased support costs through centralized management, portable high-end solutions for in-depth troubleshooting, ability to offer premium SLAs (service level agreements) and LOE (level of experience) parameters based on measurable parameters and all-inclusive, probe-based solution.

The market for our products consists of the following types of end-users:

Telecommunications Service Providers (Cellular and Wireline) are organizations responsible for providing telecommunications services. This group of companies uses of our product fall into four main categories:

- **Fault detection** – to detect when there is a problem;
- **Performance** – to analyze the behavior of network components and customer network usage in order to understand trends, performance and optimization (to help identify faults before the customer complains);
- **Troubleshooting** – to drill down to resolve specific issues; and
- **Pre-Mediation** – to provide call detail records or CDR information to third-party operations support systems (OSS) or other solutions.

Labs of Telecommunication Service Providers. This group of customers includes companies that buy specific equipment and networks from manufacturers, and provide services to their customers. Our products may be used by these customers to evaluate the quality and performance of this equipment and networks and verify the conformance and interoperability between vendors.

Data Communications and Telecommunications Equipment Developers and Manufacturers. This group of customers includes companies that develop, manufacture and market data communications and telecommunications equipment.

Our Strategy

Our objective is to become a market leader in network test and service monitoring solutions. To this end, we seek to deliver customer-oriented, technically advanced and cost-effective products and to support them according to world-class standards. Key elements of our strategy include:

- Capitalizing on the growth in the Cellular network and the move of wireline networks to IP technology markets and their associated monitoring needs;
- Leveraging and expanding our top-tier customer base and distribution channels to gain access to the service providers who are offering these new technologies;

· Broadening our penetration of major service providers and vendors;

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- Extending our sales capabilities and distribution channels;
- Repeating sales to our existing customers;
- Leveraging our experience and knowledge in the area of converged networks and technology platforms to produce comprehensive testing and analysis solutions for triple-play networks;
- Maintaining technological leadership while addressing the needs of emerging technology markets;
- Partnering with companies that offer complementary solutions and applications; and
- Carrying out synergistic acquisitions of companies in tangent markets to broaden our solution portfolio and our sales and marketing reach.

Our sales network includes North America through our wholly-owned U.S. subsidiary, RADCOM Equipment, a sales office in China and, in the rest of the world, a network of more than 35 distributors selling in over 35 countries. RADCOM Equipment sells our products to end-users through a direct sales force and through 9 independent sales representatives. Our testing and monitoring equipment has been sold to a number of international companies and government agencies, including Hutchison, British Telecom, Telstra, Deutsche Telekom, Verizon Wireless, Vodafone, KPN, Nortel Networks, Lucent, Siemens, Cisco, NTT, NEC, Nokia, ZTE, Huawei, Detang, Alcatel and Ericsson.

Industry Background

Service providers deploy unified, packet-based platforms with broadband and 3G technologies to enhance the value proposition of converged networks. These technologies allow service providers to offer new types of revenue-enhancing services, such as voice calls, video calls, video streaming, IPTV, music downloading and messaging solutions. Mainstream deployment of converged networks has begun and equipment vendors are under pressure to develop and improve the required technologies. Both types of our main market players equipment vendors and service providers need sophisticated testing solutions. Equipment vendors need these solution to speed time-to-market while achieving the highest standard of products, and service providers need to evaluate vendors' products and to monitor customer experience and quality of service (QoS) on an ongoing basis. For these reasons, the demand for new testing and monitoring equipment is growing. For example, analysis from Frost & Sullivan predicts that the VoIP testing and monitoring market will grow from \$379 million in 2006 to \$1.9 billion in 2013 for a compound annual growth rate (CAGR) of 25.7% during that period and IMS test and monitoring market will grow from an estimated \$274.1 million in 2007 to \$1.2 billion in 2013, for a compound annual growth rate of 27.9%

Products and Solutions

We categorize our products into two primary lines: (i) the Omni-Q network monitoring solution and (ii) the Performer family.

The Omni-Q Network Monitoring Solution

- The Omni-Q is a unique, comprehensive, next-generation probe base service assurance solution for network and service monitoring. The Omni-Q solution consists of a powerful and user-friendly central management server and a broad range of intrusive and non-intrusive probes covering various networks and services, including VoIP, UMTS, CDMA and data. These probes are based on the R70 probe and Performer family platforms, enabling the Omni-Q to deliver full visibility at the session and application level (and not only at the single packet or message level), with full 7-layer analysis. The R70 probe platform is an embedded Linux platform, based on our GearSet technology. The

GearSet is a technology extension of our successful GEAR chip technology, allowing a full session tracing and analysis in a chip set and permitting wirespeed analysis of network services.

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In addition, the Omni-Q benefits global telecommunications carriers, by providing end-to-end voice quality monitoring and management. The Omni-Q is designed to enable service providers and vendors to successfully face significant challenges in the coming years, including:

- o deployment of next-generation networks such as UMTS, CDMA2000 and triple-play;
- o integration of new architectures such as high-speed downlink packet access (HSDPA), high-speed uplink packet access (HSUPA), long-term evolution (LTE), IMS, UMTS Release 6 and CDMA Rev' A or evolution data voice (EVDO);
- o successful delivery of advanced services such as VoIP, IPTV and video conferencing; and
- o proactive management of call quality on existing and next-generation service providers' production networks, along with maintenance of high-availability, high-quality voice services over packet telephony.

Telecommunications Service Providers (Cellular and Wireline) use the Omni-Q in four main areas:

- o Performance monitoring – to analyze the behavior of network components and customer network usage in order to understand trends, performance and optimization (i.e., to help identify faults before the customer complains).
 - o Fault detection – to detect when and where there is a problem.
 - o Troubleshooting – to drill down to resolve specific issues.
- o Pre-Mediation – to provide call detail records or CDR information to third-party operations support systems (OSS) or other solutions.

The Omni-Q is comprised of the following components:

- o The Omni-Q's central management module is designed to take advantage of the unique capabilities and feature set of our platform by consolidating the monitoring and analysis information into a comprehensive, integrated view that enables visibility, fault detection, performance and troubleshooting.
- o The Omni-Q Wireline monitoring solution gives service providers, incumbent local exchange carriers (ILECs) and cable/multi-system operators (MSOs) complete visibility into the voice, video or TV service running over the network, enabling early-stage fault detection, pre-emptive maintenance and optimization, and drill-down troubleshooting that leads to quick and easy fault resolution.
- o The Omni-Q UMTS/CDMA2000 Network Monitoring gives cellular service providers complete visibility into their networks, enabling long-term real-time traffic analysis, fault detection, troubleshooting and data collection. It monitors and analyzes the performance of Radio Access, Core Signaling and Core IP components. It provides extensive and flexible Key Performance Indicators (KPIs) and Key Quality Indicators (KQIs) analyses with real-time alarms that allow operators to detect faults before their customers experience problems.

The Performer Family

The Performer family is an open platform that supports a wide range of test applications over a variety of technologies. With simplified control from a central console, the Performer hardware and software suite tests the quality and grade of service of a real-world network environment. The Performer family is a PC-based system, utilizing our generic analyzer processor, or GEAR-based, hardware. Our GEAR (GenEric AnalyzeR processor) chip is our main differentiating technology. It is a proprietary, one-chip analyzer processor designed to provide on all layers wire-speed testing performance, independent of protocols and technologies. The GEAR processor positions us as the industry leader in the high-performance, communication test-equipment market. It allows one platform to carry out both network troubleshooting and analysis as well as packet and cell analysis in real time, at up to 2.5 gigabytes per second (Gbps), with no limitation on interface type or protocols. The GEAR technology also allows us to rapidly develop and roll out new interfaces by merely adding a new interface with the appropriate functionality. The Performer family is unique for its combination of strong hardware performance and flexible software use.

The Performer's architectural advantages include:

- Single Platform - Our single-platform technology enables all functions to be performed on one platform, as opposed to the multi-system architecture of its competitors;
- Scalable - Our systems are fully scalable, can migrate quickly to new applications, and can be easily integrated with third-party applications; and
- Distributed system - Our solution is based on a GPS synchronization technology, IP connectivity and management console/server architecture.

The Performer family response to customer needs is twofold:

- Post-deployment/quality management solutions and troubleshooting for convergence service providers, and
- Pre-deployment, predictive test systems for convergence vendors.

Our system solutions are critical for the successful rollout of next-generation 3G Cellular networks, Voice over IP and Video over IP technologies. Our solutions lead the market in their ability to troubleshoot connectivity problems and analyze network performance, helping equipment vendors and service providers to ensure a trouble-free network environment and a high-quality user experience. We continuously extend our solutions in response to rapidly changing technology and customer requirements, evolving industry standards and frequent new product introductions. In addition, our ability to provide highly cost-effective solutions has been a critical asset in this competitive market.

Network Protocol Analyzer

The Performer's innovative approach provides customers with real-time cell and packet analysis and troubleshooting capabilities at all seven telecommunications layers, including, basic physical and link layer testing, complex tracing of NAS layer voice, IP session signaling and data/voice quality of service validation. This analyzer supports Ethernet, WAN, ATM and POS interfaces, and can decode over 700 communication protocols. The Network Protocol Analyzer, a fully distributed system, is an ideal solution for vendor research and development, quality assurance and integration labs, as well as for use by operators during network setup and operation for protocol verification, cell/frame-level analysis, voice call and IP session analysis and streaming media and voice quality testing.

The Cellular Performer

The Cellular Performer is an application that runs on our Performer platform launched in February 2003. The Cellular Performer is a multi-layer session-level analysis of applications and services that gives users a simple, intuitive and powerful troubleshooting tool. Used for drilling down to each of a cellular networks interfaces, our cellular protocol analysis tools enable users to trace a call over a whole network, and identify the source of network problems. This allows users to quickly pinpoint specific problems, and to smooth out the performance of highly complex networks. The product supports all major 2.5 and third-generation networks, including GPRS, UMTS, CDMA2000, Enhanced Data Rates for Global Revolution Standard (Edge) and Time Division Synchronous CDMA (TD-SCDMA).

The Network Consultant is an advanced cellular network analysis application that enables mobile operators to quickly verify subscriber connectivity and proactively monitor end-to-end network performance. The Network Consultant gathers and processes data from multiple server links from the Radio Access Network, Core signaling, and Core IP. It enables full drill-down analysis capabilities of the call session, voice calls and video calls. Using it, customers can zoom in and view the signaling and procedures on each interface separately – online and offline.

The RANalysis is a solution that enables fast and easy RAN analysis in UMTS networks. With the RANalysis, different types of RAN problems can be identified. And with the number of services, mobile devices, and customers expected to grow every year, radio-optimization engineers need a long-term solution that can provide a quick and easy view of problems in the cells. RANalysis offers engineers rich functionality, with an easy-to-use application and focused reports. RANalysis changes the way deep UMTS radio analysis is done. Based on a vast amount of detailed radio measurements, RANalysis supports the RAN optimization process, reduces the huge expenses involved in drive-testing and helps shorten radio troubleshooting turnaround time.

The Voice-over-IP Performer

·The Voice-over-IP Performer is designed to support pre-deployment testing of current and emerging convergence technologies. The Voice-over-Data Performer is the first performance testing solution that we launched.

The following are some of the highlights of the Voice-over-IP Performer:

- SIPSim – The SIPSim is a SIP services load generator that focuses on high-stress load testing of any SIP application. The SIPSim provides high industry performance while retaining the flexibility needed to emulate all types of services. By emulating up to hundreds of thousands of users over the SIPSim's Triple M capability (multi-IP, multi-MAC and multi-VLAN), any service can be emulated over any type of network configuration. The SIPSim is capable of stress-testing different SIP services and network elements, including softswitch, SBC and IMS networks. Using the SipStudio, the user can build scripts to customize the SipSim to simulate almost any call flow. This is especially important in the IMS environment, where network topology is complex and each new service introduces a new flow;
- MediaPro – A real-time hardware-based, multi-protocol, multi-technology VoIP and Video analyzer, capable of analyzing a wide variety of VoIP signaling protocols and media CODECs; and
- QPro – The QPro is a multi-technology call quality analyzer that enables users to test many call quality parameters over a variety of interfaces.

The following table shows the breakdown of our consolidated sales for the fiscal years 2005, 2006 and 2007 by product:

Year ended December 31,

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	2005	2006	2007
	(in thousands of U.S. dollars)		
The Omni-Q family	\$ 3,940	\$ 15,765	\$ 9,537
The Performer family and others	\$ 18,400	\$ 7,776	\$ 3,960
Total	\$ 22,340	\$ 23,541	\$ 13,497

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Sales and Marketing

We sell our products in North America through our wholly-owned U.S. subsidiary, RADCOM Equipment, which sells our products to end-users primarily directly or through independent representatives. Most of these representatives have exclusive rights to the distribution of our products in their respective geographical areas throughout North America (with the exception of some accounts and the Omni-Q, our monitoring solution which we handle directly) and are compensated by us on a commission basis. The activities of our representatives and our other sales and marketing efforts in North America are coordinated by RADCOM Equipment's employees, who also provide product support to our North American customers. The independent representatives do not hold any of our inventory, and they do not buy products from us. Our representatives locate customers, provide a demo if needed (in which case they use our demo equipment), and in some cases they provide training to the end-users. The customers submit orders directly to our wholly owned subsidiary, RADCOM Equipment, which invoices the end-user customers and collects payment directly, and then pays commissions to the representative for the sales in their territory. The commission is between 7.5% and 15%, depending on the agreement RADCOM Equipment has with the individual representative.

Outside North America, we sell our products through a global network of distributors who market data communications-related hardware and software products. We currently have more than 35 independent distributors, some of whom have exclusive rights to sell our products in their respective geographical areas. We have opened regional sales support offices in China, Singapore, Korea and Spain. These offices support our distributors in these regions. We continue to search for new distributors to penetrate new geographical markets or to better serve our target markets.

Our distributors serve as an integral part of our marketing and service network around the world. They offer technical support in the end-user's native language, attend to customer needs during local business hours, organize user programs and seminars and, in some cases, translate our manuals and product and marketing literature into the local language. We have a standard contract with our distributors. Based on this agreement, sales to distributors are final, and distributors have no right of return or price protection. The distributors do not need to disclose to us their customers' names, prices or date of order. To the best of our knowledge, a distributor places an order with us after it receives an order from its end-user, and does not hold our inventory for sale. Usually, we are not a party to the agreements between distributors and their customers. Distributors may hold products for a demo or as repair parts in order to keep their service agreement with a customer. According to our agreement with the distributors, a distributor generally should buy at least one demo unit in order to present the equipment to their customers. This is a final sale, and there are no rights of return. The distributor cannot sell this equipment to the end-user; the license is only for the distributor. We do not consider this a benefit to the distributors since we sell only the demo systems with a special software discount.

We focus a significant amount of our sales and marketing resources on our distributors, providing them with ongoing communications and support, and our employees regularly visit distributors' sites. We organize annual distributors' meetings to further our relationships with our distributors and familiarize them with our products. In addition, in conjunction with our distributors, we participate in the exhibitions of our products worldwide, place advertisements in local publications, encourage exposure in the form of editorials in communications journals and prepare direct mailings of flyers and advertisements. The table below indicates the approximate breakdown of our revenue by territory:

	Year ended December 31, (in millions of U.S. dollars)			Year ended December 31, (in percentages)		
	2005	2006	2007	2005	2006	2007
North America	8.8	7.6	4.3	39.5%	32.3%	31.8%
Europe	8.6	9.4	5.7	38.5	40.0	42.2
Far East	3.3	2.6	1.6	14.8	11.1	11.9
South America	0.7	2.6	1.2	3.2	11.1	8.9
Others	0.9	1.3	0.7	4.0	5.5	5.2
Total revenues	22.3	23.5	13.5	100.0%	100.0%	100.0%

Seasonality of Our Business

Generally, we are affected by the capital spending of the end-users of our products. These end-users tend to spend more towards the end of their fiscal year, which is typically the end of the calendar year, resulting in more orders during the second half of the year compared to the first half of the year. This has been the pattern over the last few years.

Customer Service and Support

We believe that providing a high level of customer service and support to end-users is essential to the acceptance of our products. We offer a toll-free technical support help desk to our representatives in the United States and a technical support help desk to our distributors worldwide. We also support our customers via fax, email and cellular phone service, and provide additional technical information on our Internet home page. We also offer an E-Learning system, which provides technical courses to our distributors, representatives and sales and technical support people at remote locations. These services are partially available to end-users. We regularly produce a newsletter which is sent to representatives and distributors, and we publish application notes and technical briefs for representatives, distributors and end-users to assist them in using our products more efficiently.

In addition to our direct service and support activities, our representatives in North America and our distributors worldwide provide to end-user customers sales, service and technical support functions for our products in their respective territories. We organize annual technical seminars in different areas of the world every year to increase the technical knowledge of distributors in the use of our products.

Our products are designed and manufactured to meet standards required by our customers. We provide a free one-year warranty, which includes bug-fixing solutions and a hardware warranty on our products. After the initial update period, our customers can purchase an extended warranty for one-, two- or three-year periods. The extended warranty includes bug fixing and full hardware repair of any faulty units. Generally the cost of the extended warranty is based on a percentage of the overall cost of the product as an annual maintenance fee. For the Prism products the cost is fixed.

Manufacturing and Suppliers

Our manufacturing facilities, which are located in Tel Aviv, Israel, consist primarily of final assembly, testing and quality control. Electronic components and subassemblies are prepared by subcontractors according to our designs and specifications. Certain components used in our products are presently available from, or supplied by, only one source and others are only available from limited sources. In addition, some of the software packages that we include in our product line are being developed by unaffiliated subcontractors. The manufacturing processes and procedures are generally ISO 2000 and ISO 14000 certified.

Research and Development

The industry in which we compete is subject to rapid technological developments, evolving industry standards, changes in customer requirements, and new product introductions and enhancements. As a result, our success, in part, depends upon our ability, on a cost-effective and timely basis, to continue to enhance our existing products and to develop and introduce new products that improve performance and reduce total cost of ownership. In order to achieve these objectives, we work closely with current and potential end-users, distributors and manufacturer's representatives and leaders in certain data communications and telecommunications industry segments to identify market needs and define appropriate product specifications. We intend to continue developing products that meet key industry standards and to support important protocol standards as they emerge. Still, there can be no assurances that we will be able to successfully develop products to address new customer requirements and technological changes, or that such products will achieve market acceptance.

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Our gross research and development costs were approximately \$5.8 million in 2005, \$6.8 million in 2006 and \$7.4 million in 2007, representing 26.0%, 28.9% and 54.7% of our sales, respectively. Aggregate research and development expenses funded by the Office of the Chief Scientist of the Israeli Ministry of Industry, Trade and Labor, (the "Chief Scientist") were approximately \$1.7 million in 2005, \$1.9 million in 2006 and \$2.1 million in 2007. For more information on the Office of the Chief Scientist, see "Israeli Office of the Chief Scientist" below. We expect to continue to invest significant resources in research and development.

As of December 31, 2007, our research and development staff consisted of 55 employees. Research and development activities take place at our facilities in Tel Aviv. We occasionally use independent subcontractors for portions of our development projects.

Israeli Office of the Chief Scientist

From time to time we file applications for grants under programs of the Office of the Chief Scientist. Grants received under such programs are repaid through a mandatory royalty based on revenues from products (and related services) incorporating know-how developed with the grants. This government support is contingent upon our ability to comply with certain applicable requirements and conditions specified in the Chief Scientist's programs and with the provisions of the Law for the Encouragement of Research and Development in Industry, 1984 and the regulations promulgated thereunder (the "R&D Law").

Under the R&D Law, research and development programs that meet the specified criteria and are approved by the Research Committee of the Chief Scientist (the "Research Committee") are usually eligible for grants of up to 50% of certain approved expenditures of such programs, as determined by this Research Committee.

In exchange, the recipient of such grants is required to pay the Chief Scientist royalties from the revenues derived from products incorporating know-how developed within the framework of each such program or derived from such program (including ancillary services in connection with such products), usually up to an aggregate of 100% of the dollar-linked value of the total grants received in respect of such program, plus interest. As of January 1, 2007, our royalty rate was 3.5%.

In 2006 the Israeli government announced a process of formulating a proposed amendment to the royalty regulations promulgated under the R&D Law. The amendment is expected to include changes to the royalty rates, which would vary from company to company based on the amount of its revenues and the approval date of its program, up to a rate of 6%, and, as of 2006, to increase the rate of interest accruing on grants by 1% per year. The amendment may have a retroactive effect, although there is no indication as to whether and when it will be adopted.

The R&D Law generally requires that the product developed under a program be manufactured in Israel. However, upon notification to the Chief Scientist, up to 10% of the manufacturing volume may be performed outside of Israel; furthermore, with the approval of the Chief Scientist, a greater portion of the manufacturing volume may be performed outside of Israel, provided that the grant recipient pays royalties at an increased rate, which may be substantial, and the aggregate repayment amount is increased, which increase might be up to 300% of the grant, depending on the portion of the total manufacturing volume that is performed outside of Israel. The R&D Law further permits the Chief Scientist to approve the transfer of manufacturing rights outside Israel in exchange for an import of different manufacturing into Israel as a substitute, in lieu of the increased royalties. The R&D Law also allows for the approval of grants in cases in which the applicant declares that part of the manufacturing will be performed outside of Israel or by non-Israeli residents and the Research Committee is convinced that doing so is essential for the execution of the program. This declaration will be a significant factor in the determination of the Chief Scientist as to whether to approve a program and the amount and other terms of benefits to be granted. The increased royalty rate and repayment amount will be required in such cases.

The R&D Law also provides that know-how developed under an approved research and development program may not be transferred to another person or entity in Israel without the approval of the Research Committee. Such approval is not required for the sale or export of any products resulting from such research or development. The R&D Law permits the transfer of Chief Scientist-funded know-how outside of Israel, under certain circumstances and subject to the Chief Scientist's prior approval, only in the following cases: (a) if the subject company pays to the Chief Scientist a portion of the sale price paid in consideration of such funded know-how; (b) if the subject company receives know-how from a third party in exchange for its funded know-how; or (c) if such transfer of funded know-how arises in connection with certain types of cooperation in research and development activities.

The R&D Law imposes reporting requirements with respect to certain changes in the ownership of a grant recipient. The law requires the grant recipient and its controlling shareholders and foreign interested parties to notify the Chief Scientist of any change in control of the recipient or a change in the holdings of the means of control of the recipient that results in a non-Israeli becoming an interested party directly in the recipient, and requires the new interested party to undertake to the Chief Scientist to comply with the R&D Law. In addition, the rules of the Chief Scientist may require additional information or representations in respect of certain of such events. For this purpose, "control" is defined as the ability to direct the activities of a company other than any ability arising solely from serving as an officer or director of the company. A person is presumed to have control if such person holds 50% or more of the means of control of a company. "Means of control" refers to voting rights or the right to appoint directors or the chief executive officer. An "interested party" of a company includes a holder of 5% or more of its outstanding share capital or voting rights, its chief executive officer and directors, someone who has the right to appoint its chief executive officer or at least one director, and a company with respect to which any of the foregoing interested parties owns 25% or more of the outstanding share capital or voting rights or has the right to appoint 25% or more of the directors. Accordingly, any non-Israeli who acquires 5% or more of our ordinary shares will be required to notify the Office of the Chief Scientist that it has become an interested party and to sign an undertaking to comply with the R&D Law.

The funds available for Chief Scientist grants made out of the annual budget of the State of Israel were reduced in 1998, and the Israeli authorities have indicated in the past that the government may further reduce or abolish the Chief Scientist grants in the future. Even if these grants are maintained, we cannot presently predict the amounts of future grants, if any, that we might receive. In each of the last ten fiscal years, we have received such royalty-bearing grants from the Chief Scientist. At December 31, 2007, our contingent liability to the Office of the Chief Scientist in respect of grants received was approximately \$23.2 million.

Binational Industrial Research and Development Foundation

We received from the Binational Industrial Research and Development Foundation (the "BIRD Foundation") funding for the research and development of products. At December 31, 2007, our contingent liability to the BIRD Foundation

for funding received was approximately \$319,000. We have not received grants from the BIRD Foundation since 1995.

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Proprietary Rights

To protect our rights to our intellectual property, we rely upon a combination of trademarks, contractual rights, trade secret law, copyrights, nondisclosure agreements and technical measures to establish and protect our proprietary rights in our products and technologies. We own registered trademarks for the names PrismLite, Omni-Q, MediaPro, GearSet, SipSim and Wirespeed. In addition, we sometimes enter into non-disclosure and confidentiality agreements with our employees, distributors and manufacturer's representatives and with certain suppliers with access to sensitive information. However, we have no registered patents or trademarks (except for those listed above) and these measures may not be adequate to protect our technology from third-party infringement, and our competitors may independently develop technologies that are substantially equivalent or superior to ours.

Given the rapid pace of technological development in the communications industry, there also can be no assurance that certain aspects of our internetworking test solutions do not or will not infringe on existing or future proprietary rights of others. Although we believe that our technology has been independently developed and that none of our technology or intellectual property infringes on the rights of others, from time to time third parties may assert infringement claims against us. If such infringement is found to exist, or if infringement is found to exist on existing or future proprietary rights of others, we may be required to modify our products or intellectual property or obtain the requisite licenses or rights to use such technology or intellectual property. However, there can be no assurance that such licenses or rights can be obtained or obtained on terms that would not have a material adverse effect on us.

Competition

The markets for our products are very competitive and we expect that competition will increase in the future, both with respect to products that we are currently offering and products that we are developing. We believe that the principal competitive factors in the market for internetworking test and analysis equipment include:

- name recognition;
- product performance;
- product fit to customer workflow and procedures;
- support of the required interfaces and protocols;
- support of the right services;
- quality of the software and the hardware;
- technical features;
- multitechnology support;
- price;
- customer service and support;
- ease of use; and
- ability to integrate with other information systems.

Our principal competitors are Agilent , Tektronix, Tekelek, NetHawk, Anritsu (Nettest), SPIRENT Communications, Sunrise Telecom Inc., Empirix and Brix Networks. In addition to these competitors, we expect substantial competition from established and emerging computer, communications, network management and test equipment companies. Many of these competitors have substantially greater resources than we have, including financial, technological, engineering, manufacturing and market and distribution capabilities, and some of them may enjoy greater market recognition than we do.

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Employees

As of December 31, 2007, we had 114 permanent employees and 1 temporary employee located in Israel, 9 permanent employees of RADCOM Equipment located in the United States and 9 permanent employees in total located in Spain, Singapore, Korea and China, collectively. Of the 115 employees located in Israel, 55 were employed in research and development, 15 in operations (including manufacturing and production), 34 in sales and marketing and 11 in administration and management. Of the 9 employees located in the United States, 7 were employed in sales and marketing and 2 were employed in administration and management. All the 9 employees located in Spain, Singapore, Korea and China, were employed in sales and marketing. We consider our relations with our employees to be good and we have never experienced a labor dispute, strike or work stoppage. Most of our permanent employees have employment agreements and none of our employees are represented by labor unions. Our temporary employees are paid an hourly rate, have employment agreements and are not represented by a labor union.

Although we are not a party to a collective bargaining agreement, we are subject to certain provisions of general collective agreements between the Histadrut (General Federation of Labor in Israel) and the Coordinating Bureau of Economic Organizations (including the Industrialists' Association) that are applicable to our employees by virtue of expansion orders of the Israeli Ministry of Labor and Welfare. In addition, Israeli labor laws are applicable to all of our employees in Israel. These provisions and laws principally concern the length of the work day, minimum daily wages for workers, procedures for dismissing employees, determination of severance pay and other conditions of employment.

In Israel, a general practice we follow (although not legally required) is the contribution of funds on behalf of most of our permanent employees to an individual insurance policy known as "Managers' Insurance." This policy provides a combination of savings plan, insurance and severance pay benefits to the insured employee. It provides for payments to the employee upon retirement or death and accumulates funds on account of severance pay, if any, to which the employee may be legally entitled upon termination of employment. Each participating employee contributes an amount equal to 5% of such employee's base salary, and we contribute between 13.3% and 14.7% of the employee's base salary. Full-time employees who are not insured in this way are entitled to a savings account, to which each of the employee and the employer makes a monthly contribution of 5% of the employee's base salary. We also provide our permanent employees with an Education Fund, to which each participating employee contributes an amount equal to 2.5% of such employee's base salary and we contribute an amount equal to 7.5% of the employee's base salary. In the United States we provide benefits, in the form of health, dental, vision and disability coverage, in an amount equal to 14.49% of the employee's base salary. All Israeli employers, including us, are required to provide certain increases in wages as partial compensation for increases in the consumer price index. The specific formula for such increases varies according to the general collective agreements reached among the Manufacturers' Association and the Histadrut. Israeli employees and employers also are required to pay pre-determined sums which include a contribution to national health insurance to the Israel National Insurance Institute, which provides a range of social security benefits.

C. ORGANIZATIONAL STRUCTURE

In January 1993, we established our wholly-owned subsidiary in the United States, RADCOM Equipment, which conducts the sales and marketing of our products in North America. In July 1996, we incorporated a wholly-owned subsidiary in Israel, Radcom Investments (1996) Ltd., for the purpose of making various investments, including the purchase of securities. As of May 31, 2008, Radcom Investments did not hold any of our outstanding shares. In August 2001, we established our wholly-owned subsidiary in the United Kingdom, RADCOM (UK) Ltd., which is currently not active, but in the past conducted the sales and marketing of our products in the United Kingdom. In 2002, we established our wholly-owned Representative Office in China, which conducts the marketing for our products in China. Following are our subsidiaries, all of which are wholly-owned:

Name of Subsidiary	Jurisdiction of Incorporation
RADCOM Equipment, Inc.	United States
RADCOM Investments (1996) Ltd.	Israel
RADCOM (UK) Ltd.	United Kingdom

Yehuda Zisapel and Zohar Zisapel are co-founders and principal shareholders of our Company. Individually or together, they are also founders, directors and principal shareholders of several other privately and publicly held high technology and real estate companies which, together with us and the other subsidiaries and affiliates, are known as the “RAD-Bynet Group.” In addition to engaging in other businesses, members of the RAD-Bynet Group are actively engaged in designing, manufacturing, marketing and supporting data communications and telecommunications products. Our Company has limited competition with RADVision Ltd., which supplies as part of its technology package a protocol simulation that may serve some of the needs of our customers for test equipment. Some of the products of members of the RAD-Bynet Group are complementary to, and have been and are currently used in connection with, our products.

D. PROPERTY, PLANTS AND EQUIPMENT

We do not own any real property. We currently lease an aggregate of approximately 2,442 square meters of office premises in Tel Aviv, which includes approximately 2,186 square meters from affiliates of our principal shareholders. Our manufacturing facilities consist primarily of final assembly, testing and quality control of materials, wiring, subassemblies and systems. In 2007, aggregate annual lease and maintenance payments for the Tel Aviv premises were approximately \$585,000, of which approximately \$415,000 was paid to affiliates of our principal shareholders. We may, in the future, lease additional space from affiliated parties. We also lease premises in Paramus, New Jersey from an affiliate. In 2007, we leased approximately 6,131 square feet from an affiliate, approximately 276 square feet of which we now sub-lease to a related party. In 2007, aggregate annual lease payments for the premises were approximately \$126,000 and we received \$5,000 from the related party for those sub-leases. We also lease approximately 142 square meters in Beijing. In 2007, our aggregate annual lease payments for those premises were approximately \$27,000. The rental agreements for the premises in Tel Aviv and New Jersey, United States, expire on December 31, 2008 and on January 15, 2011, respectively.

ITEM 4A. UNRESOLVED STAFF COMMENTS

Not applicable.

ITEM 5. OPERATING AND FINANCIAL REVIEW AND PROSPECTS

The following discussion of our financial condition and results of operations should be read in conjunction with the consolidated financial statements and the related notes included elsewhere in this annual report.

This discussion contains forward-looking statements regarding future events and our future results that are subject to the safe harbors created under the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended (the “Exchange Act”). These statements are based on current expectations, estimates, forecasts and projections about the industries in which we operate and the beliefs and assumptions of our management. Words such as “expects,” “anticipates,” “targets,” “goals,” “projects,” “intends,” “plans,” “believes,” “seeks,” “estimates,” “continues,” “may,” variation and similar expressions are intended to identify such forward-looking statements. In addition, any statements that refer to projections of our future financial performance, our anticipated growth and trends in our businesses, and other characterizations of future events or circumstances are forward-looking statements. Readers are cautioned that these

forward-looking statements - including those identified below, as well as certain factors - including, but not limited to, those set forth in “Item 3—Key Information—Risk Factors” - are only predictions and are subject to risks, uncertainties, and assumptions that are difficult to predict. Therefore, actual results may differ materially and adversely from those expressed in any forward-looking statements. We undertake no obligation to revise or update any forward-looking statements for any reason.

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Overview

We develop, manufacture, market and support innovative network test and service monitoring solutions for communications service providers and equipment vendors. We specialize in next generation cellular as well as voice, data and video over IP networks. Our solutions are used in the development and installation of network equipment and in the maintenance of operational networks. Our products facilitate fault management, network service performance monitoring and analysis, troubleshooting and pre-mediation, the latter of which refers to the ability to collect network information for a third-party application.

General

Our discussion and analysis of our financial condition and results of operation are based upon our consolidated financial statements, which have been prepared in accordance with generally accepted accounting principles in the United States. Our operating and financial review and prospects should be read in conjunction with our financial statements, accompanying notes thereto and other financial information appearing elsewhere in this annual report.

We commenced operations in 1991. Since then, we have focused on developing and enhancing our products, building our worldwide direct and indirect distribution network and establishing and expanding our sales, marketing and customer support infrastructures.

Most of our revenues are generated in U.S. dollars or are dollar-linked and the majority of our expenses are incurred in dollars and, as such, we use the dollar as our functional currency. Our consolidated financial statements are prepared in dollars and in accordance with generally accepted accounting principles in the United States.

Our technology vision is based on an architectural evolution of networking from simple connectivity of products to application systems, or as we refer to it, the "Application Provider." As such, many of our strategic initiatives and investments are aimed at meeting the requirements of Application Providers of 3G Cellular and triple-play networks. If networking evolves toward greater emphasis on Application Providers, we believe we have positioned ourselves well relative to our key competitors. If it does not, however, our initiatives and investments in this area may be of no or limited value. As a result we cannot quantify the impact of new product introductions on our historical operations or anticipated impact on future operations.

As we evaluate our growth prospects and manage our operations for the future, we continue to believe that the leading indicator of our growth will be the deployment of 3G Cellular and triple-play networks. During fiscal year 2007, we continued to focus our resources on the 3G Cellular segment and triple-play networks. While this potentially increases our exposure to changes in telecommunications industry conditions, we feel that this is a growing area and that we have the technology to capitalize on this market growth.

After commencing sales of our Performer in the first quarter of 2003, our revenues began to increase. Through 2005, our Performer family was the main driver increasing our revenues. In 2006 our comprehensive monitoring solution started to evolve as our main product. As a result of these developments, we enjoyed increased sales across all converged network product lines and the average size of our deals began to rise. Unfortunately, this momentum did not continue in 2007. We view this as a temporary weakness and not as the new state for 2008 and onwards.

Our net sales for 2007 were \$13.5 million, compared with \$23.5 million in fiscal year 2006. Net loss for 2007 was \$8.6 million, compared with net loss of \$54,000 in fiscal 2006. Our cash, cash equivalents and short-term deposits decreased by \$6.3 million in 2007 compared with a decrease of \$0.5 million in 2006.

In 2008, we are continuing to focus on our two major growth areas of 3G and 3.5G Cellular and triple-play networks with the goal of continuing to expand our sales and profits. With analysts (Informa Telecoms & Media, WCIS and 3G America) projecting that the 3G market will eventually include 200-300 operators and an even larger number of next-generation wireline players, we believe there is a lot of room for additional growth. Among the key factors that will influence our 2008 performance are the continued evolution of the global telecommunications industry towards converged services and our customers' perspective regarding the prospects for improving conditions, together with our ability to continue to improve the execution of our strategy.

Revenues. Our revenues are derived primarily from sales of our products and, to a lesser extent, from sales of warranty services. Product revenues consist of gross sales of products, less discounts, refunds and returns.

Cost of sales. Cost of sales consists primarily of our manufacturing costs, warranty expenses, allocation of overhead expenses and royalties to the Chief Scientist. As part of our plan to reduce product cost and improve manufacturing flexibility, we have shifted to a subcontracting model for the manufacturing of our products. Currently, the functions performed by us are the planning and integration of other companies' solutions into our products, while the subcontractors purchase the component parts, assemble the product and test it. These functions can be divided as follows:

RADCOM	Subcontractor
Planning	Purchase component parts
Integration	Assembly Testing

We provide a non-binding rolling forecast every quarter for the coming year, and submit binding purchase orders quarterly for material needed in the next quarter. Purchase orders are generally filled within three months of placing the order. We are charged by the unit, which ensures that unnecessary charges for reimbursements are minimal. We are not required to reimburse subcontractors for losses that are incurred in providing services to us and there are no minimum purchase requirements in our subcontracting arrangements. If we change components in our products, however, and the subcontractor already bought components based on a purchase order, we would reimburse the subcontractor for any losses incurred relating to the subcontractor's disposal of such components. The subcontracting arrangements are generally governed by one-year contracts that are automatically renewable and that can be terminated by either party upon ninety days' written notice.

By reducing fixed manufacturing costs including by using the subcontractors, we seek to ensure that our cost of goods sold fluctuates more directly in line with revenues.

Our gross profit is affected by several factors, including the introduction of new products, price erosion due to increasing competition, product mix and integration of other companies' solutions into our own. During the initial launch and manufacturing ramp-up of a new product, our gross profit is generally lower as a result of manufacturing inefficiencies during that period. As the difficulties in manufacturing new products are resolved and the volume of sales of such products increases, our gross profit generally improves. For example, in 2003, during the initial launch of the Performer, our gross profit was lower and subsequently improved.

Most of our products consist of a combination of hardware and software. Following an initial purchase of a product, a customer can add additional functions by purchasing software packages. These packages may add functions to the product such as providing additional testing data or adding the ability to test equipment based on different transmission technologies. Since there are no incremental hardware costs associated with the sale of the add-on software, the gross margins on these sales are higher. We also have higher gross profit on sales in North America, where we sell directly and through representatives, than on sales outside North America where we sell through distributors.

Research and Development. Research and development costs consist primarily of salaries and, to a lesser extent, payments to subcontractors, raw materials and overhead expenses. We use raw materials to build prototypes of our hardware and software products. These prototypes have no value since they cannot be sold or otherwise capitalized as inventory. The allocation of overhead expenses consists of a variety of costs, including rent, office expenses (including telecommunications expenses) and administrative costs, such as human resources activities. The methodology for allocating these expenses depends on the nature of the expense. Costs such as rent and associated costs are based on the square meters used by the R&D department. Administrative costs such as human resources activities are allocated based on the number of employees in the department. There has been no change in methodology from year to year. These expenses have been partially offset by royalty-bearing grants from the Chief Scientist.

Sales and Marketing. Sales and marketing expenses consist primarily of salaries, commissions to representatives, advertising, trade shows, promotional expenses, web site maintenance, and overhead expenses.

General and Administrative Expenses. General and administrative expenses consist primarily of salaries and related personnel expenses for executive, accounting and administrative personnel, professional fees (which include legal, audit and additional consulting fees), bad debt expenses and other general corporate expenses.

Financial Income, Net. Financial income, net, consists primarily of interest earned on bank deposits, gains and losses from the exchange rate differences of monetary balance sheet items denominated in non-dollar currencies and interest expenses paid on bank short-term loans.

Additional Expense for Share-Based Compensation

SFAS 123(R), which requires all companies to measure compensation expense for all share-based payments (including employee stock options) at fair value, became effective for public companies for fiscal years beginning after June 15, 2005. As a result of SFAS 123(R), we have been required to record an expense for stock-based compensation plans; this has resulted in ongoing accounting charges that have significantly reduced our net income. For further information, see the section entitled "Share-Based Compensation" in Note 6 of the Notes to our Consolidated Financial Statements.

Summary of Our Financial Performance in Fiscal Year 2007 Compared to Fiscal Year 2006

For the year ended December 31, 2007 our revenues decreased by 43% to \$13.5 million, while our loss for the year increased to approximately \$8.6 million.

During fiscal 2007, our cash, cash equivalents and short-term deposits decreased by \$6.3 million, of which \$6.0 million of our cash, cash equivalents and short-term deposits was used in operating activities. Capital expenditures in fiscal 2007 amounted to \$0.4 million.

Fiscal 2007 was a disappointing year for us and below our expectations. The combination of weakness in the 3G and 3.5G Cellular market, longer-than-usual average sales cycles and internal execution problems, led to a significant

decrease in our revenues compared to 2006.

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During 2007 we carried out activities designed to return us to profitability as quickly as possible. Among such activities were a cost-cutting program, including a 23% reduction in the workforce and structural changes throughout the Company. In making these cuts, we have been careful to maintain our focus on sales and customers.

The other part of our program to return-us-to-profitability was focused on expanding our sales. This part included increasing our closing rate of deals strengthening our distributor network, especially in the Far East; increasing our sales efforts in the Emerging Markets instead of the saturated markets like North America; and increasing our pipeline.

We began to see the fruits of the program in the fourth quarter of 2007 when we reported breakeven results compared to losses in the first three quarters of the year. These positive results continued in the first quarter of 2008 with an increase of 40% to \$4.5 million in revenues compared with the first quarter of 2007. Our forecast for 2008 is that our results will be better than 2007, both in revenues and net income (loss).

Organization of Our Business

Management receives sales information by product groups and by geographical regions. The cost of material and related gross profit for the Omni-Q and the Performer family is almost identical. Research and development, sales and marketing, and general and administrative expenses are reported on a combined basis only (i.e. they are not allocated to product groups or geographical regions). Because a measure of operating profit or loss by product groups or geographical regions is not presented to the Company's management, we have concluded that we operate in one reportable segment.

A. OPERATING RESULTS

The following table sets forth, for the periods indicated, certain financial data expressed as a percentage of sales:

	Year Ended December 31,		
	2005	2006	2007
Sales	100.0%	100.0%	100.0%
Cost of sales	33.1	31.4	40.0
Gross profit	66.9	68.6	60.0
Operating expenses:			
Research and development	26.0	29.0	54.7
Less royalty-bearing participation	7.8	8.1	15.5
Research and development, net	18.2	20.9	39.2
Sales and marketing	35.3	39.1	68.7
General and administrative	7.6	10.8	17.7
Total operating expenses	61.1	70.8	125.6
Operating income (loss)	5.8	(2.2)	(65.6)
Financial income, net	1.0	2.0	2.0
Net income (loss)	6.8	(0.2)	(63.6)

Financial Data for Year Ended December 31, 2007 Compared with Year Ended December 31, 2006*Revenues*

	Year Ended December 31, (in millions of U.S. dollars)			% Change 2006 vs.	% Change 2007 vs.
	2005	2006	2007	2005	2006
The Omni-Q family	3.9	15.7	9.5	303	(39)
The Performer family and others	18.4	7.8	4.0	(58)	(49)
Total revenues	22.3	23.5	13.5	5	(43)

Revenues. In 2007, our revenue decreased by 43% compared to 2006 due to the combination of weakness in the 3G and 3.5G Cellular market, longer average sales cycles and internal execution problems. As identified in the second half of 2006, during 2007, we continued to see an increase in triple-play network deployments, which reflected a new scale of triple-play network deployments in the marketplace and which is indicative of the significant challenge the triple-play network operators must overcome in order to maintain quality services. Due to the nature of the service provider orders which represents a potential for larger sales on average than equipment vendor orders, both the average size of our transactions and the length of the sales cycle have increased.

Our sales network includes RADCOM Equipment, our wholly-owned subsidiary in the United States, as well as nine independent representatives, and more than 35 independent distributors in over 35 other countries. The table below shows the sales breakdown by territory:

	Year Ended December 31, (in millions of U.S. dollars)			Year Ended December 31, (as percentages)		
	2005	2006	2007	2005	2006	2007
North America	8.8	7.6	4.3	39.5%	32.3%	31.8%
Europe	8.6	9.4	5.7	38.5	40.0	42.2
Far East	3.3	2.6	1.6	14.8	11.1	11.9
South America	0.7	2.6	1.2	3.2	11.1	8.9
Others	0.9	1.3	0.7	4.0	5.5	5.2
Total revenues	22.3	23.5	13.5	100.0%	100.0%	100.0%

During 2005 we announced that we signed a multi-million dollar contract with a major 3G CDMA mobile operator in North America. This major mobile operator in North America accounted for more than 10% of our sales in both 2005 and 2006. One of our distributors in Europe accounted for more than 10% of our sales in 2005. During 2007 no single customer accounted for more than 10% of our sales.

Cost of sales and Gross profit

	Year ended December 31, (in millions of U.S. dollars)		
	2005	2006	2007
Cost of sales	7.4	7.4	5.4
Gross profit	14.9	16.1	8.1

Cost of sales. Over the years, we have increasingly shifted to a subcontracting model for the manufacture of our products. We believe that this approach, which decreases our fixed cost, will ensure that our cost of sales fluctuates more directly in line with revenues. Our cost of sales consisted of fixed costs of approximately \$2.2 million in 2007 and \$1.8 million in 2006.

Most of our revenues come from products that we develop internally, but in order to be able to deliver a broader range of products and services to our customers in target markets, we must integrate other companies' solutions, mainly servers and storage units, into our Omni-Q system. The gross margins on these integrated sales are lower than the products that we develop internally. In 2007 our gross margins were lower than expected because revenues were lower than expected and decreased by 43% compared to 2006. In the future, assuming revenue levels similar to 2006 or greater for the year, we expect gross margins to improve.

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Our cost of sales during 2007 included an expense of \$18,000 for share-based compensation and, \$14,000 for share-based compensation in 2006.

The following table provides the approximate operating costs and expenses of the Company in the 2005, 2006 and 2007, as well as the percent change of such expenses in 2006 compared to 2005 and in 2007 compared to 2006:

Operating Costs and Expenses

	Year ended December 31, (in millions of U.S. dollars)			% Change	% Change
	2005	2006	2007	2006 vs. 2005	2007 vs. 2006
Research and development	5.8	6.8	7.4	17.2	8.8
Less royalty-bearing participation	1.7	1.9	2.1	11.8	10.5
Research and development, net	4.1	4.9	5.3	19.5	8.2
Sales and marketing	7.9	9.2	9.3	16.5	1.1
General and administrative	1.7	2.6	2.4	52.9	(7.7)
Total operating expenses	13.7	16.7	17.0	21.9	1.8

Research and Development. The increase in our gross research and development expenses from 2006 to 2007 reflects our policy to support our growing activities in various geographic regions and our long-term development goals. Although the number of research and development employees decreased during the year from 71 to 55 employees, the total expense increased. The reason for this is that the employees are in Israel and are paid in NIS. As a result of the negative impact of the strengthening of the value of the NIS against the U.S. dollar the total expense is higher than the previous year. Research and development expenses, gross, increased from \$6.8 million in 2006 to \$7.4 million in 2007. As a percentage of total revenues, research and development expenses, gross, increased from 29.0% in 2006 to 54.7% in 2007. Our research and development costs during 2007 included an expense of \$123,000 for share-based compensation, and \$113,000 for share-based compensation in 2006.

Sales and Marketing. As part of our cost-cutting program, we decreased our ongoing employee related expenses and other expenses during the year in the different regions in which we operate, mainly in North America. This decrease, however, has been offset by the negative impact of the strengthening of the value of the NIS against the U.S. dollar on our salaries paid in Israel and a liability of \$0.4 million, representing an arbitration verdict rendered in a dispute between the Company and Qualitest Ltd., previously one of our non-exclusive distributors in Israel.

Sales and marketing expenses increased from approximately \$9.2 million in 2006 to approximately \$9.3 million in 2007. As a percentage of total revenues, sales and marketing expenses increased from 39.1% in 2006 to 68.7% in 2007.

Our sales and marketing expenses during 2007 included an expense of \$203,000 for share-based compensation and \$193,000 for share-based comp in 2006.

General and Administrative. General and administrative expenses for 2007 decreased by 6.3% compared to 2006. General and administrative expenses included a provision for bad debts and other expenses totaling approximately \$(2,000) for 2007, \$557,000 for 2006 and \$17,000 for 2005. In 2007 there was an increase in salary and auditing expenses and in expenses related to compliance with the Sarbanes-Oxley Act. The expenses during 2007 included \$220,000 for share-based compensation and \$238,000 for share-based compensation in 2006.

Financial Income, Net. Financial income, net, was approximately \$265,000 in 2007 compared to \$472,000 in 2006. The decrease in financial income, net, in 2007 compared to 2006 was due to lower cash levels and lower prevailing rates of return. The lower rates of return were due to general economic conditions.

Year Ended December 31, 2006 Compared to Year Ended December 31, 2005

The following discussion of 2006 compared with 2005 should be read in conjunction with the section of this report above entitled “Financial Data for Year Ended December 31, 2007 Compared to Year Ended December 31, 2006.”

Revenues. Our revenue in 2006 increased by 5.4% compared to 2005 due to the continuing improvement in market conditions discussed above and due to our success in penetrating additional service providers around the world. During the first half of 2006, the main component of our sales was to 3G cellular operators. In the second half of 2006, we began to see an increase in triple-play network deployments. This reflects a new scale of triple-play network deployments in the marketplace, and is part of the significant challenge the triple-play network operators must overcome in order to maintain quality services. Due to the nature of the service provider orders which represents a potential for larger sales on average than equipment vendor orders, both the average size of our transactions and the length of the sales cycle have increased.

Cost of Sales. Since 2001, we have increasingly shifted to a subcontracting model for the manufacture of our products. As a result, cost of sales consisted of fixed costs of approximately \$1.8 million for 2006 and \$1.3 million for 2005. We believe that the reduction of our fixed manufacturing costs will ensure that our cost of sales fluctuates more directly in line with revenues.

Research and Development. The increase in gross research and development expenses from 2005 to 2006 reflects our policy to support our growing activity and our long-term development goals. This increase is indicative primarily of an increase in the average number of our research and development personnel. Research and development expenses, gross, increased from \$5.8 million in 2005 to \$6.8 million in 2006. As a percentage of total revenues, research and development expenses, gross, increased from 26.0% in 2005 to 29.0% in 2006. Our research and development costs during 2006 included an expense of \$113,000 for share-based compensation and \$0 in 2005.

Sales and Marketing. In North America, we mainly sell our products to end-users directly compared to 2005 when we sold mainly via sales representatives, which has increased our salary and other expenses. This increase, however, has been partially offset by lower commissions paid to sales representatives. We have also expanded our sales and marketing activities in China with the goal of preparing ourselves to address the area’s emerging 3G market. We are still waiting for this development to materialize. The increase in sales and marketing expenses from 2005 to 2006, which included primarily an increase in the average number of sales personnel and salary expenses, together with the expenses associated with opening our new sales offices in Singapore and Korea, reflects these activities. Sales and marketing expenses increased from approximately \$7.9 million in 2005 to approximately \$9.2 million in 2006. As a percentage of total revenues, sales and marketing expenses increased from 35.3% in 2005 to 39.1% in 2006.

General and Administrative. General and administrative expenses for 2006 increased by 51.2% compared to 2005. General and administrative expenses included a provision for bad debts and other expenses totaling approximately \$557,000 for 2006 and \$17,000 for 2005. The other main reason for the increase in general and administrative expenses during 2006 was an expense of \$238,000 for share-based compensation and \$12,000 for share-based compensation in 2005.

Financial Income, Net. Financial income, net, was approximately \$472,000 in 2006 compared to \$235,000 in 2005. The increase in financial income, net, in 2006 compared to 2005 was due to higher prevailing rates of return.

B. LIQUIDITY AND CAPITAL RESOURCES

We have financed our operations through cash generated from operations, from the proceeds of our 1997 initial public offering and from our 2004 private placement transaction. Cash and cash equivalents, marketable securities and short-term deposits at December 31, 2005, 2006 and 2007 were approximately \$10.5 million, \$10.1 million and \$3.8 million, respectively. During the first two quarters of 2008, we increased our cash balances by about \$5 million: \$2.5 million from a private placement transaction and the other \$2.5 million from a venture lending loan. For more information, see “Item 8—Financial Information—Significant Changes” below. We believe that our existing capital will be sufficient for the Company’s requirements for at least the next twelve months.

Net Cash Generated by/Used in Operating Activities. Net cash used in operating activities was approximately \$2.6 million in 2006 and \$6.0 million in 2007, while net cash generated from operations in 2005 was approximately \$1.4 million. The negative net cash flow in 2007 was primarily due to the Company’s loss of approximately \$8.6 million, an increase of approximately \$1.1 million in inventory, a decrease of approximately \$1.1 million in trade payables and an increase of approximately \$195,000 in other current assets. This was partially offset by a net decrease during the year of approximately \$3.9 million in trade receivables and by an increase of approximately \$378,000 in other payables and accruals, and also by employees’ share-option compensation of approximately \$564,000 and approximately \$687,000 of depreciation expenses.

The trade receivables and days sales outstanding (DSO) are primarily impacted by payment terms, shipment linearity in the quarter and collections performance. Trade receivables decreased from 2006 to 2007 by \$3.9 million due primarily to the decrease in our total revenue.

The overall increase in inventory in 2007 relative to 2006 was due to the impact of increased purchases in the first half of 2007 in anticipation of sales at least at a similar level as 2006 during the year that did not materialize. All inventories are accounted for at the lower of cost or market.

The increase in other current assets from 2006 to 2007 was primarily a result of a temporary increase in prepaid expenses and Value Added Tax. The decrease in trade payables was primarily due to the decrease in purchases of inventory in the second half of the year. The increase in payables and accruals in 2007 was primarily a result of an increase in advances from customers and our provision for our dispute with Qualitest, which dispute is discussed in more detail in “Item 8—Financial Information—Consolidated Statements and Other Financial Information—Legal Proceedings.”

Net Cash Provided by/Used in Investing Activities. Our investing activities generally consist of two components: purchase and sale of short-term deposits, and purchase of equipment. We invest cash that is surplus to our operating requirements in our short-term deposit portfolio in order to maximize our interest rates. In 2005, we sold marketable securities which provided us cash in the amount of \$2.0 million. In 2006, we invested surplus cash in the amount of \$8.0 million. In 2007, we sold short-term deposits, which provided us cash in the amount of \$10.5 million and invested surplus cash in the amount of \$2.5 million. Net cash provided by (used in) investing activities in 2005, 2006 and 2007 was approximately \$1.7 million, \$(8.3) million and \$7.6 million, respectively.

Purchase of Equipment. Purchases of equipment in 2005, 2006 and 2007 were approximately \$336,000, \$327,000 and \$437,000, respectively. These expenditures were principally for computers and equipment purchases.

Net Cash Provided by Financing Activities. In 2005, net cash provided by financing activities totaled approximately \$909,000, of which \$184,000 came from the exercise of shares options and approximately \$725,000 from the exercise of warrants from the private placement as described below. In 2006, net cash provided by financing activities totaled approximately \$2.4 million, \$974,000 from the exercise of share options and approximately \$1.4 million from the exercise of warrants from the private placement as described below under “—Private Placement.” In 2007, net cash provided by financing activities totaled approximately \$224,000, representing approximately \$224,000 from the exercise of share options.

Private Placement. In March 2004, we raised \$5.5 million in a private placement, or PIPE, of ordinary shares and warrants. This equity financing enabled us, among other things, to sustain compliance with certain continued listing requirements of the NASDAQ Global Market, from which we transferred to the NASDAQ Capital Market in October 2007. (See “Item 3—Key Information—Risk Factors—We might not satisfy all the requirements for continued listing on the NASDAQ Capital Market, and our shares may be delisted.”) Under the PIPE transaction, we issued 3,851,540 of our ordinary shares at an aggregate purchase price of \$5.5 million, or \$1.428 per ordinary share. The investors in the PIPE included Star Ventures, B.C.S. Group, Yehuda Zisapel, Zohar Zisapel, and others. We also issued to the investors warrants to purchase up to 962,887 ordinary shares at an exercise price of \$2.253 per share. The warrants were exercisable for two years from the closing of the PIPE. As part of the private placement, we filed with the SEC a resale registration statement covering the shares purchased in the private placement (including the shares underlying the warrants); our F-3 was filed with the SEC on May 13, 2004, while our amended F-3/As were filed on October 15, 2004 and November 26, 2004. The registration was declared effective by the SEC on December 10, 2004. We incurred expenses of approximately \$189,000 in connection with the offering. Our net proceeds from the offering were approximately \$5.3 million. In 2005 and 2006 the investors exercised warrants to purchase 328,256 ordinary shares and 625,877 ordinary shares, respectively. Our net proceeds from these exercises were approximately \$725,000 and \$1.4 million, respectively.

Impact of Related Party Transactions

We have entered into a number of agreements with certain companies, of which Yehuda Zisapel and Zohar Zisapel are co-founders, directors and/or principal shareholders (collectively, the “RAD-Bynet Group”). Of these agreements, the office space leases and the distribution agreement with Bynet Electronics Ltd. (described in the section entitled “Related Party Transactions” below) in Israel are material to our operations. The pricing of the transactions was determined based on negotiations between the parties. Members of our management reviewed the pricing of the lease and distribution agreements and confirmed that these agreements were not different from terms that could have been obtained from unaffiliated third parties. We believe, however, that due to the affiliation between us and the RAD-Bynet Group, we have greater flexibility on certain issues than what may be available from unaffiliated third parties. In the event that the transactions with members of the RAD-Bynet Group are terminated and we enter into similar transactions with unaffiliated third parties, that flexibility may no longer be available to us.

In February 2008, we completed a PIPE in which we raised \$2.5 million from certain investors, including our Chairman (Mr. Zohar Zisapel), Zohar Gilon (one of our directors) and his son (Amit Gilon). For more information regarding this PIPE, see “Item 8—Financial Information—Significant Changes” below.

Impact of Inflation and Foreign Currency Fluctuations

The majority of our sales are denominated in U.S. dollars or are dollar-linked. The currency of the primary economic environment in which our operations are conducted is, therefore, the dollar, which is our functional currency.

Since we pay the salaries of our Israeli employees in NIS, the dollar cost of our operations is influenced by the exchange rates between the NIS and the dollar. While we incur some expenses in NIS, inflation in Israel will have a negative affect on our profits for contracts under which we are to receive payment in dollars or dollar-linked NIS, unless such inflation is offset on a timely basis by a devaluation of the NIS in relation to the dollar.

Inflation in Israel has occasionally exceeded the devaluation of the NIS against the dollar or we have faced the strengthening of the value of the NIS against the U.S. dollar. In the first quarter of 2008, for example, the value of the NIS expressed in dollar terms increased significantly, raising our Israeli-based costs as expressed in dollars. Under these conditions, we experienced higher dollar costs for our operations in Israel, adversely affecting our dollar-measured results of operations.

Because exchange rates between the NIS and the dollar fluctuate continuously exchange rate fluctuations will have an impact on our profitability and period-to-period comparisons of our results. The effects of foreign currency re-measurements are reported in our financial statements as financial income or expense.

Effective Corporate Tax Rate

Israeli companies were generally subject to corporate tax on their taxable income at the rate of 29% for the 2007 tax year. Following an amendment to the Israeli Income Tax Ordinance [New Version], 1961 (the "Tax Ordinance"), the corporate tax rate is scheduled to continue to decrease as follows: 27% for the 2008 tax year, 26% for the 2009 tax year and 25% for the 2010 tax year and thereafter. Israeli companies are generally subject to capital gains tax at a rate of 25% for capital gains (other than gains deriving from the sale of listed securities) derived after January 1, 2003.

Our manufacturing facilities have been granted "Approved Enterprise" status under the "Investments Law" - the Law for the Encouragement of Capital Investments, 1959, as amended - and consequently are eligible, subject to compliance with specific requirements, for tax benefits beginning when such facilities first generate taxable income. (For additional information on Approved Enterprise status, see "Item 10—Additional Information—Taxation—Israeli Tax Considerations—Law for the Encouragement of Capital Investments, 1959.") The tax benefits under the Investment Law are not available with respect to income derived from products manufactured outside of Israel. We have derived, and expect to continue to derive, a substantial portion of our income from our Approved Enterprise facilities. We are entitled to a tax exemption for a period of two to four years (in respect of income derived from our Tel Aviv facility), commencing in the first year in which such income is earned, subject to certain time restrictions. These time periods have not yet commenced because we have incurred net operating losses for Israeli tax purposes. At December 31, 2007, we had net operating loss carry-forwards (unlimited in time) of approximately \$32.6 million.

Our effective corporate tax rate may substantially exceed the Israeli tax rate. Our U.S. subsidiary will generally be subject to applicable U.S. federal, state, local and foreign taxation, and we may also be subject to taxation in the other foreign jurisdictions in which we own assets, have employees or conduct activities. Our U.S. subsidiary had net operating loss carry-forwards of approximately \$11.2 million available at December 31, 2007 for U.S. federal and state income tax purposes. These carry-forwards may offset future taxable income and expire from 2008 through 2026 for U.S. federal income tax purposes. Because of the complexity of these local tax provisions, we are unable to anticipate the actual combined effective corporate tax rate that will apply to us. Our U.K. subsidiary had net loss carry-forwards available at December 31, 2007 of approximately \$399,000 for U.K. tax purposes.

We recorded a valuation allowance at December 31, 2007 for all of our deferred tax assets. Based on the weight of available evidence, it is more likely than not that all of our deferred tax assets will not be realized.

Government Grants and Related Royalties

The Government of Israel, through the Office of the Chief Scientist, encourages research and development projects pursuant to the R&D Law and the regulations promulgated thereunder. We may receive from the Office of the Chief Scientist up to 50% of certain approved research and development expenditures for particular projects. We recorded grants from the Office of the Chief Scientist totaling approximately \$1.7 million in 2005, \$1.9 million in 2006 and \$2.1 million in 2007. Pursuant to the terms of these grants, we are obligated to pay royalties of 3.5% of revenues derived from sales of products (and related services) funded with these grants. In the event that a project funded by the Office of the Chief Scientist does not result in the development of a product which generates revenues, we would not be obligated to repay the grants we received for the product's development. Royalties' expenses relating to the Office of the Chief Scientist grants included in the cost of sales for years ended December 31, 2005, 2006 and 2007 were \$769,000, \$807,000 and \$412,000, respectively. The total research and development grants that we have received from the Office of the Chief Scientist as of December 31, 2007 were \$27.1 million. For projects authorized since January 1, 1999, the repayment interest rate is LIBOR. The accumulated interest as of December 31, 2007 was \$3.3 million. As of December 31, 2007, the accumulated royalties paid to the Office of the Chief Scientist were \$7.2 million. At December 31, 2007, our contingent liability to the Office of the Chief Scientist in respect of grants received was approximately \$23.2 million. For additional information, see "Item 4—Information on the Company—Business Overview—Israeli Office of the Chief Scientist."

We are also obligated to pay royalties to the BIRD Foundation, with respect to sales of products based on technology resulting from research and development funded by the BIRD Foundation. Royalties to the BIRD Foundation are payable at the rate of 5% based on the sales revenues of such products, up to 150% of the grant received, linked to the United States Consumer Price Index. As of December 31, 2007, we had a contingent obligation to pay the BIRD Foundation aggregate royalties in the amount of approximately \$319,000. Since 1995 we have not received grants from the BIRD Foundation.

Critical Accounting Policies and Estimates

Our significant accounting policies are more fully described in Note 2 to our Notes to the Consolidated Financial Statements. However, certain of our accounting policies are particularly important to the portrayal of our financial position and results of operations. In applying these critical accounting policies, our management uses its judgment to determine the appropriate assumptions to be used in making certain estimates. Those estimates are based on our historical experience, the terms of existing contracts, our observance of trends in the industry, information provided by our customers and information available from other outside sources, as appropriate. These estimates are subject to an inherent degree of uncertainty. With respect to our policies on revenue recognition, warranty costs and inventories, our historical experience is based principally on our operations since we commenced sales. Our critical accounting policies include the following:

Revenue recognition. Revenue from product sales is recognized in accordance with Statement of Position ("SOP") 97-2, "Software Revenue Recognition," when the following criteria are met: (1) persuasive evidence of an arrangement exists, (2) delivery has occurred, (3) the vendor's fee is fixed or determinable and (4) collectibility is probable. Amounts received from customers prior to product shipments are classified as advances from customers. With our products, we provide a one-year warranty, which includes bug fixing and a hardware warranty (the "Warranty"). We record an appropriate provision for Warranty in accordance with SFAS No. 5, "Accounting for Contingencies."

After the Warranty period initially provided with our products, we may sell extended warranty contracts, which includes bug fixing and a hardware warranty. In such cases, revenues attributable to the extended warranty are deferred at the time of the initial sale and recognized ratably over the extended contract warranty period.

Most of our revenues are generated from sales to independent distributors. We have a standard contract with our distributors. Based on this agreement, sales to distributors are final and distributors have no rights of return or price protection. We are not a party to the agreements between distributors and their customers.

We also generate sales through independent representatives. These representatives do not hold any of our inventories, and they do not buy products from us. We invoice the end-user customers directly, collect payment directly and then pay commissions to the representative for the sales in its territory. We report sales through independent representatives on a gross basis, based on the indicators of EITF 99-19, "Reporting Revenue Gross as a Principal versus Net as an Agent."

Allowance for product Warranty. Our products sold are generally covered by a warranty for a period of one year. In respect of contracts where the Warranty was recognized upon delivery, we recorded an appropriate provision.

Trade receivables. Trade receivables are recorded less the related allowance for doubtful accounts receivable. We consider accounts receivable to be doubtful when we think it is probable that we will be unable to collect all amounts, after taking into account current information regarding the customer's ability to repay its obligations. The balance sheet allowance for doubtful accounts for all of the reported periods through December 31, 2007, is determined as a specific amount for those accounts the collection of which is uncertain. If our customers' ability to repay their obligations diminishes in the future, the actual allowance for doubtful accounts may not be adequate.

Inventories. Inventories are stated at the lower of cost or market, cost being determined on the basis of the average cost method for raw materials and on the basis of actual manufacturing costs for work-in-progress and sub-contractors. Inventory write-off and write-down provisions are provided to cover risks arising from slow-moving items or technological obsolescence. Spare parts and raw materials that are no longer used in producing our product are written down to their fair market value. If changes in the market conditions or changes in the Company's products occur in the future, it is possible that additional write-offs will be made at such time. In addition, we add to the cost of finished products and work in process held in inventory the overhead from our manufacturing process. If these estimates change in the future, the amount of overhead allocated to cost of revenues would change.

Share option plans. On January 1, 2006, we adopted SFAS No. 123(R), which requires the measurement and recognition of compensation expense for all share-based payment awards made to employees and directors based on estimated fair values. SFAS 123(R) supersedes our previous accounting under Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" ("APB 25") for periods beginning in fiscal 2006. In March 2005, the SEC issued Staff Accounting Bulletin No. 107 ("SAB 107") relating to SFAS 123(R). We have applied the provisions of SAB 107 in its adoption of SFAS 123(R). We adopted SFAS 123(R) using the modified prospective transition method, which requires the application of the accounting standard as of January 1, 2006. Our consolidated financial statements as of and for the years ended December 31, 2006 and December 31, 2007 reflect the impact of SFAS 123(R). In accordance with the modified prospective transition method, our consolidated financial statements for prior periods have not been restated to reflect, and do not include, the impact of SFAS 123(R). Share-based compensation expense recognized under SFAS 123(R) for fiscal 2007 was \$564,000.

SFAS 123(R) requires companies to estimate the fair value of share-based payment awards on the grant date using an option-pricing model. The value of the portion of the award that is ultimately expected to vest is recognized as expense over the requisite service periods in our consolidated statements of operations. Prior to the adoption of SFAS 123(R), we accounted for share-based awards to employees and directors using the intrinsic value method in accordance with APB 25 as allowed under SFAS 123, "Accounting for Stock-Based Compensation" ("SFAS 123"). Share-based compensation expense recognized during the current period is based on the value of the portion of share-based payment awards that is ultimately expected to vest.

SFAS 123(R) requires forfeitures to be estimated at the time of grant in order to estimate the amount of share-based awards that will ultimately vest. The estimate is based on our historical rates of forfeiture. Share-based compensation expense recognized in our consolidated statement of operations for fiscal 2007 includes (i) compensation expense for share-based payment awards granted prior to, but not yet vested as of December 31, 2006, based on the grant-date fair value estimated in accordance with the pro forma provisions of SFAS 123 and (ii) compensation expense for the share-based payment awards granted subsequent to December 31, 2006, based on the grant-date fair value estimated in accordance with the provisions of SFAS 123(R).

As share-based compensation expense recognized in the consolidated statements of operations is based on awards ultimately expected to vest, it has been reduced by estimated forfeitures. Upon adoption of SFAS 123(R), we did not change our method of valuation for share-based awards which is the Black-Scholes option pricing model. See also Notes 2P and 6C of the Notes to our Consolidated Financial Statements, for further information.

Deferred Income Tax. We account for income taxes in accordance with SFAS No. 109, "Accounting for Income Taxes." Deferred tax asset and liability account balances are recognized for the future tax consequences attributable to differences between the financial statements' carrying amounts of existing assets and liabilities and their respective tax bases, and operating loss and tax credit carry-forwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in the consolidated statement of operations in the period that includes the enactment date. We provide a valuation allowance to reduce deferred tax assets to the extent we believe it is more likely than not that such benefits will not be realized.

Effective January 1, 2007, we adopted the provisions of FASB Interpretation, No. 48, ("FIN 48"), Accounting for Uncertainty in Income Taxes - an interpretation of FASB Statement No. 109. FIN 48 contains a two-step approach to recognizing and measuring uncertain tax positions accounted for in accordance with SFAS No. 109. The first step is to evaluate the tax position for recognition by determining if the weight of available evidence indicates it is more likely than not that the position will be sustained on audit, including resolution of related appeals or litigation processes, if any. The second step is to measure the tax benefit as the largest amount which is more than 50% likely of being realized upon ultimate settlement. We consider many factors when evaluating and estimating our tax positions and tax benefits, which may require periodic adjustments and which may not accurately anticipate actual outcomes. The adoption of FIN 48 did not have a material impact on our financial position or results of operations

Recently Issued Accounting Pronouncements

In September 2006, the Financial Accounting Standards Board ("FASB") issued SFAS No. 157, Fair Value Measurement. SFAS No. 157 defines fair value, establishes a framework for the measurement of fair value, and enhances disclosures about fair value measurements. The Statement does not require any new fair value measures. The SFAS is effective for fair value measures already required or permitted by other standards for fiscal years beginning after November 15, 2007. The Company is required to adopt SFAS No. 157 beginning on January 1, 2008. SFAS No. 157 is required to be applied prospectively, except for certain financial instruments. Any transition adjustment will be recognized as an adjustment to opening retained earnings in the year of adoption. In February 2008, the FASB issued SFAS No. 157-2, which grants a one-year deferral of SFAS No. 157's fair-value measurement requirements for

nonfinancial assets and liabilities, except for items that are recognized or disclosed at fair value in the financial statements on a recurring basis. We are currently evaluating the impact of adopting SFAS No. 157 on our results of operations and financial position.

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In February 2007, the FASB issued “SFAS No. 159”, The Fair Value Option for Financial Assets and Financial Liabilities—including an amendment of FASB Statement No. 115, which permits entities to irrevocably choose to measure many financial assets and liabilities at fair value that are not currently required to be measured at fair value. If the fair value option is elected, changes in fair value would be recorded in results of operations at each subsequent reporting date. The Statement allows entities to achieve an offset accounting effect for certain changes in fair value of certain related assets and liabilities without having to apply complex hedge accounting provisions. This Statement is effective as of the beginning of an entity’s first fiscal year that begins after November 15, 2007. We are currently evaluating the effect, if any, that the adoption of SFAS No. 159 will have on our future consolidated results of operations and financial condition.

In December 2007, the FASB issued SFAS No. 141R, Business Combinations (Statement 141R) and SFAS No. 160, Noncontrolling Interests in Consolidated Financial Statements- an amendment to ARB No. 51 (Statement 160). Statements 141R and 160 require most identifiable assets, liabilities, noncontrolling interests, and goodwill acquired in a business combination to be recorded at “full fair value” and require noncontrolling interests (previously referred to as minority interests) to be reported as a component of equity, which changes the accounting for transactions with noncontrolling interest holders. Both Statements are effective for periods beginning on or after December 15, 2008, and earlier adoption is prohibited. Statement 141R will be applied to business combinations occurring after the effective date. Statement 160 will be applied prospectively to all noncontrolling interests, including any that arose before the effective date. We are currently evaluating the effect, if any, of the adoption of SFAS No. 141R and SFAS 160 on our future consolidated results of operations and financial condition.

In December 2007, the FASB issued FASB Statement No. 160, Noncontrolling Interests in Consolidated Financial Statements – an amendment to ARB No. 51 (“SFAS 160”). SFAS 160 requires noncontrolling interests (previously referred to as minority interests) to be reported as a component of equity, which changes the accounting for transactions with noncontrolling interest holders. SFAS 160 is effective for periods beginning on or after December 15, 2008, and earlier adoption is prohibited. SFAS 160 will be applied prospectively to all non-controlling interests, including any that arose before the effective date. We are currently evaluating the effect, if any, that the adoption of SFAS 160 will have on our future consolidated results of operations and financial condition.

In March 2008, the FASB issued FASB Statement No. 161, Disclosures about Derivative Instruments and Hedging Activities (“SFAS 161”). SFAS 161 is intended to improve financial reporting about derivative instruments and hedging activities by requiring enhanced disclosures to enable investors to better understand the effects of the derivative instruments on an entity’s financial position, financial performance, and cash flows. It is effective for financial statements issued for fiscal years and interim periods beginning on or after November 15, 2008, with early adoption encouraged. We are currently evaluating the effect, if any, that the adoption of SFAS 161 will have on our future consolidated results of operations and financial condition.

In December 2007 the SEC staff issued Staff Accounting Bulletin No. 110 (“SAB 110”), which, effective January 1, 2008, amends and replaces SAB 107, Share-Based Payment. SAB 110 expresses the views of the SEC staff regarding the use of a “simplified” method in developing the expected life assumption in accordance with FASB Statement No. 123(R), Share-Based Payment. The use of the “simplified” method, was scheduled to expire on December 31, 2007. SAB 110 extends the use of the “simplified” method in certain situations. The SEC staff does not expect the “simplified” method to be used when sufficient information regarding exercise behavior, such as historical exercise data or exercise information from external sources, becomes available. We currently use simplified estimates and expect to continue using such method until historical exercise data will provide useful information to develop expected life assumption.

On May 9, 2008, the FASB issued FASB Staff Position No. APB 14-1, "Accounting for Convertible Debt Instruments That May Be Settled in Cash Upon Conversion (Including Partial Cash Settlement)." FSP APB 14-1 requires issuers of convertible debt that may be settled wholly or partly in cash when converted to account for the debt and equity components separately. FSP APB 14-1 is effective for fiscal years beginning after December 15, 2008 and must be applied retrospectively to all periods presented. We are currently evaluating the effect, if any, that the adoption of FSP APB 14-1 will have on our consolidated results of operations and financial condition.

C. RESEARCH AND DEVELOPMENT, PATENTS AND LICENSES

See “Item 4—Information on the Company—Business Overview—Research and Development” and “Item 4—Information on Company—Business Overview—Proprietary Rights.”

D. TREND INFORMATION

In 2007, there was increased spending in the industry by service providers, compared to 2006, as they began to expand and upgrade their networks, including next-generation wireless technologies and Voice over Internet Protocol, or IP, solutions. This increase in industry spending was strongest with the build-up of new technologies mainly in emerging markets. Our traditional large competitors remain strong and focused on certain key factors, such as customer relationships, repeat sales to their customer base, innovative and reliable products, services and price.

Data service adoption over the new 3G and 3.5G cellular networks is increasing but at a slower rate than expected. There is an increasing number of 3G and 3.5G networks but most of them are used mainly for voice. We continue to believe the data service adoption will occur and will introduce an increased demand for our solutions.

There is a clear global trend pursuant to which government regulation is gradually opening the communication market for competition. As a result, in each major market, at least three service providers compete in the same segment and area. This competition drives increased spending on introducing next-generation services. The increase in service usage increases the potential need for service assurance solutions. While services are getting more established and more technologically advanced, the quality of services becomes an issue that our potential customers, the service providers must address.

As part of this increase in competition, we have begun to see rapid adoption of SIGTRAN technology to lower the operational cost for signaling networks and to handle the increased network capacity. This move helps service providers justify the move to NGN solutions and increases our potential customers.

Fixed mobile Convergence (FMC) has become a significant challenge for most service providers. As result we see a trend towards service provider consolidation. Recent examples are the KPN and KPN mobile and Cingular, and the AT&T mergers. These mergers influenced decision making processes, resulting in a temporary slowdown in procurement and deployment of new telecommunications equipment. From the technology side, IMS is being accepted as the technology of choice to implement and deliver converged network services. Different service providers, mainly those that own both cellular and wireline operations, are currently at the trial level and anticipate

moving into operation of IMS technology during 2008 - 2010. This movement could increase the need for service monitoring solutions, as it is a new service platform and introduces new challenges for service providers regarding how to monitor their networks.

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Another area which has growth potential in the future is IPTV. Wireline service providers, mainly the incumbent carriers, are starting to spend money on TV over IP solutions. In 2007 spending was limited mainly for trial networks, and this trend is expected to continue in 2008. Following the trial period, we expect spending to increase in the years 2009 - 2011. This trend is part of a triple-play strategy aimed at competing with the cable operators offering digital TV.

E. OFF-BALANCE SHEET ARRANGEMENTS

None.

F. TABULAR DISCLOSURE OF CONTRACTUAL OBLIGATIONS

The following table of our material contractual obligations as of December 31, 2007, summarizes the aggregate effect that these obligations are expected to have on our cash flows in the periods indicated:

Contractual Obligations	Total	Payments due by period			
		Less than 1 year	1-3 years	3-5 years	More than 5 years
		(in thousands of U.S. dollars)			
Property Leases	\$ 932	\$ 699	\$ 229	\$ 4	—
Open Purchase Orders	650	650	—	—	—
Operating Leases	784	444	326	14	—
Total	\$ 2,366	\$ 1,793	\$ 555	\$ 18	—

Open purchase orders. We purchase components from a variety of suppliers and use several contract manufacturers to provide manufacturing services for our products. During the normal course of business, in order to manage manufacturing lead times and help assure adequate component supply, we enter into agreements with contract manufacturers and suppliers that allow them to procure inventory based upon criteria as defined by our requirements. In certain instances, we provide a non-binding forecast every 12 months, and we submit binding purchase orders quarterly for material needed in the next quarter. These agreements allow us the option to cancel, reschedule, and adjust our requirements based on our business needs prior to firm orders being placed. There are no penalties incurred for not taking delivery; however, if we alter the components in our products, when the manufacturer has bought components based on a purchase order, we reimburse the manufacturer for any losses incurred relating to the manufacturer's disposal of such components. Consequently, only a portion of our reported purchase commitments arising from these agreements are firm, non-cancelable, and unconditional commitments and included in the table above.

Our liability for severance pay for Israeli employees is calculated pursuant to Israeli severance pay law based on the most recent salary of the employees multiplied by the number of years of employment as of the balance sheet date. After completing one full year of employment, our Israeli employees are entitled to one month's salary for each year of employment or a portion thereof. Our total liability at December 31, 2007 was \$3,240,000. Timing of payment of this liability is dependant on the timing of the departure of the employees.

In addition, we are required to pay royalties as percentages of the revenues derived from products incorporating know-how developed from research and development grants from the Office of the Chief Scientist. Royalty rates were 3% - 3.5% in 2003 and 3.5% in 2004 and subsequent years. As of December 31, 2007, our contingent liability to the Office of the Chief Scientist in respect of grants received was approximately \$23.2 million and our contingent liability to the BIRD Foundation in respect of funding received was approximately \$319,000. If we do not generate revenues from products incorporating know-how developed within the framework of these programs, we will not be obligated to pay royalties.

Further, we provided performance guarantees in favor of two customers from Bank Hapoalim in Israel amounting to \$489,000 as of December 31, 2007.

ITEM 6. DIRECTORS, SENIOR MANAGEMENT AND EMPLOYEES

A. DIRECTORS AND SENIOR MANAGEMENT

The following table lists our current directors and executive officers:

Name	Age	Position
Zohar Zisapel(5)(6)	59	Chairman of the Board of Directors
David Ripstein	41	President, Chief Executive Officer
Jonathan Burgin	47	Chief Financial Officer
Shahaf Kieselstein	36	Vice President, Research and Development
Eyal Harari	31	Vice President, Products and Marketing
Dana Shahar-Gara	34	Vice President, Human Resources
Miki Shilinger	53	Vice President, Operations
Uzi Yahav	53	Vice President, Business Development
Avi Zamir	51	President, RADCOM Equipment
Uri Har (1)(2)(3)(4)(5)	71	Director
Zohar Gilon (2)(4)(6)	60	Director
Irit Hillel (1)(2)(4)(5)(6)	44	Director

(1) External Director

(2) Independent Director

(3) Chairman of Audit Committee

(4) Audit Committee Member

(5) Nominating Committee

(6) Compensation Committee

Mr. Zohar Zisapel, a co-founder of our Company, has served as our Chairman of the Board since our inception. Mr. Zisapel is also a founder and a director of RAD Data Communications Ltd., a worldwide data communications company headquartered in Israel, for which he currently serves as Chairman of the Board and served as President from 1982 to 1997. Mr. Zisapel is the Chairman of two other public companies RADVision Ltd., and Ceragon Ltd. as well as a director or Chairman of several private companies. Mr. Zisapel has a B.Sc. and a M.Sc. degree in Electrical Engineering from the Technion and an M.B.A. degree from Tel-Aviv University.

Mr. David Ripstein, our President and Chief Executive Officer since April 1, 2007, joined RADCOM in 2000 as General Manager of the Quality Management Unit, a position under which he formed and executed RADCOM's service quality management strategy and spearheaded the development of its differentiating R70 technology platform. In 2002, Mr. Ripstein was nominated to head the Company's R&D and marketing activities. In May 2006, Mr. Ripstein was appointed as RADCOM's Chief Operating Officer. Prior to joining RADCOM, Mr. Ripstein served for 11 years as an officer of an elite R&D unit within the Israel Defense Forces (IDF) Intelligence Division, and then co-founded two startups: Firebit, a provider of ISP security service solutions, and Speedbit, a developer of Internet download acceleration tools. Mr. Ripstein earned B.Sc. and M.Sc. degrees in Electronic Engineering from the Technion.

Mr. Jonathan Burgin, our Chief Financial Officer, joined us in July 2006. Prior to joining us, Mr. Burgin was Chief Financial Officer of XTL Biopharmaceuticals (NASDAQ: XTLB; LSE: XTL; TASE:XTL) beginning in 1999, where he took an active part in the process of listing its shares on the NASDAQ, London, and TASE and raising \$110 million in four financing rounds. Previously, Mr. Burgin served as Chief Financial Officer of YLR Capital Markets, a publicly-traded Israeli investment bank, and as Senior Manager at Kesselman & Kesselman, the Israeli member of PricewaterhouseCoopers International Ltd. Mr. Burgin earned an M.B.A. and a B.A. in Accounting and Economics from Tel-Aviv University and is certified in Israel as a CPA.

Mr. Shahaf Kieselstein, our Vice President of Research and Development, joined us in September 2006. Prior to joining RADCOM, he was with Intel's LAN Division for eight years, beginning as a Software Team Manager and moving on to the position of Project Manager of large-scale networking software at Intel's Oregon plant. In 2002, he returned to Israel to take on the position of Software Manager of Intel's Israel LAN Division. Prior to his tenure at Intel, Mr. Kieselstein spent several years as a software engineer at Digital Semiconductor. Mr. Kieselstein holds B.Sc. and M.Sc. degrees in Computer Science, as well as a B.A. in Accounting from Hebrew University.

Mr. Eyal Harari, our Vice President of Products and Marketing, has been with RADCOM since 2000. Mr. Harari began in the Development side of RADCOM in 2000 as a software R&D group manager, later becoming the Director of Product Management for VoIP Monitoring Solutions, and finally the Senior Director of RADCOM's Product Management department. Before joining RADCOM, Mr. Harari served from 1995 in the Communication, Computers & Electronics Corps of the Israel Defense Forces, managing large-scale software projects. Mr. Harari received a B.A. in Computer Science from the Open University of Tel Aviv, and also holds an M.B.A. from Tel-Aviv University and an LL.M in Business Law from Bar Ilan University.

Ms. Dana Shahar-Gara has been with the Company since 2000, when she was the Company's Recruitment and Training Manager. In 2002, she took on the role of Human Resources Manager, and in 2007, she was appointed Vice President of Human Resources. Before joining RADCOM, Ms. Gara was a Placement Consultant for the Keinan-Sheffi Institute. She has a B.A. in Behavioral Science and Communication from Israel's Management College and an M.A. in Social Psychology from Bar Ilan University.

Mr. Miki Shilinger, our Vice President of Operations, joined us in June 1999. From May 1997 to May 1999 he was Director of Purchasing and Logistics for Tadiran - Telematics Ltd., an Israeli company involved in the marketing, development and production of systems for the location of vehicles, cargo and people. Prior to that Mr. Shilinger was a Director of Logistics at Galtronics Ltd., one of the leading companies in the manufacture of portable antennas for cellular systems. Prior to that Mr. Shilinger was the owner of a Management Information Systems Consulting firm implementing ERP Systems. Mr. Shilinger has a B.Sc. degree in Industry and Management from Ben-Gurion University.

Mr. Uzi Yahav, our Vice President of Business Development, joined us in November 2005. From 2002 to October 2005, he was the Vice President of Marketing and Business Development at Optibase Ltd. a developer of IPTV solutions for major operators and carriers worldwide. From 1999 to 2002, Mr. Yahav was the Vice President of Marketing at Be Connected Ltd. a subsidiary of Telrad Networks Ltd., a developer of integrated telecommunication solution for carriers. Prior to that, he was the Product Manager for advanced wireless solutions at Teledata Networks Ltd. Mr. Yahav has a B.Sc. degree in Electrical Engineering from Ben Gurion University, and an M.B.A. degree from Haifa University.

Mr. Avi Zamir, President of our wholly-owned U.S. subsidiary, RADCOM Equipment, rejoined us in May 2004. Mr. Zamir also serves as a director of RADCOM Equipment. From 1999 to 2004, Mr. Zamir was co-founder of Business Layers Inc., a company that focuses on eProvisioning solutions, which allow organizations to transform business rules and changes into a set of corresponding IT activities. Prior to that, from 1993 to 1999 Mr. Zamir was the President of RADCOM Equipment. Mr. Zamir has a Practical Engineering qualification from Ort Yad-Singalovski, Tel-Aviv.

Mr. Uri Har has served as a director since October 2007. He was the Director General of the Electronics and Software Industries of Israel from 1984 until 2006. Prior to that, Mr. Har served for 26 years in engineering and managerial positions in the Israeli Navy where his last assignment was the Israeli Naval Attache in the United States and Canada. Among his various positions in the Israeli Navy, he served for three years (1977 - 1980) as Head of the Budget and Comptroller Department. Mr. Har serves as a director of another public company, Formula Vision Ltd. He holds a B.Sc. degree and a M.Sc. degree in Mechanical Engineering from the Technion.

Mr. Zohar Gilon has served as a director since June 1995. He serves as a General Partner and Managing Director of Tamar Technologies Ventures, a venture capital fund investing in Israel and the United States. From 1993 until 1995, he served as President of W.S.P. Capital Holdings Ltd., which provides investment banking and underwriting services in Israel and invests in real estate and high-technology investments in Israel and abroad. Mr. Gilon serves as a director of another public company, Radware Ltd., and of several private companies. Mr. Gilon is also a private investor in numerous high-technology companies, including affiliates of ours in Israel. He holds a B.Sc. degree in Electrical Engineering from the Technion and an M.B.A. degree from Tel-Aviv University.

Ms. Irit Hillel has served as a director since October 2007. She has spent the last 15 years as an entrepreneur and senior executive in a number of high tech and financial services firms. She founded and served as the executive vice president for business development and as a board member for PrintPaks, which was acquired by Mattel Inc. (NYSE: MAT) in 1997. After leading the PrintPaks disposition effort, Ms. Hillel became the Managing Director of Mattel Interactive Europe. At Mattel, she led a multi-functional team located in six countries, bringing to market some of Europe's best-selling computer game titles. She has also served as a vice president at Power Paper Ltd. and worked with Hewlett Packard Co. (NYSE: HPQ) and Mirage Innovations Ltd. in strategy, capital raising and business development roles. Earlier in her career, Ms. Hillel was an investment manager in the high yield bonds and equities investment department at Columbia Savings in Beverly Hills, California. Ms. Hillel has an M.B.A. degree from the Anderson Graduate School of Business at University of California-Los Angeles, and a B.Sc. in Mathematics and Computer Science from Tel Aviv University.

B. COMPENSATION

The aggregate direct remuneration paid to all of our directors and officers as a group (16 persons) for the year ended December 31, 2007 was approximately \$1.8 million. This amount includes approximately \$292,000, which was set aside or accrued to provide pension, retirement or similar benefits, but does not include any amounts we paid to reimburse our affiliates for costs incurred in providing services to us during such period. These amounts include payments to 4 persons who are no longer officers of the Company - \$0.5 million and \$86,000, respectively. These amounts do not include the expense of share-based compensation as per SFAS 123(R).

As of December 31, 2007, our directors and officers as a group held options to purchase an aggregate of 367,439 ordinary shares. Other than the options granted to our directors under the Directors Share Incentive Plan (1997), the 2001 Share Option Plan, the International Employee Stock Option Plan and the 2003 Share Option Plan and reimbursement for expenses, we did not compensate our directors for serving on our Board of Directors during 2007. Starting in May 2008, our external directors will also receive a monetary compensation for each meeting NIS 1,060 per meeting and an annual fee NIS 18,300 per year as per a recent amendment to the regulations promulgated pursuant to the Israeli Companies Law.

Share Option Plans

We have the following eight share option plans for the granting of options to our employees, officers, directors and consultants: (i) the Directors Share Incentive Plan (1997); (ii) the 1998 Employee Bonus Plan; (iii) the 1998 Share Option Plan; (iv) the International Employee Stock Option Plan; (v) the 2000 Share Option Plan; (vi) the 2001 Share Option Plan; and (vii) the 2003 Share Option Plan. Options granted under our option plans generally vest over a period of between two and four years, and generally expire seven to ten years from the date of grant. The stock options plans are administered either by the Board of Directors or, subject to applicable law, by the Share Incentive Committee, which has the discretion to make all decisions relating to the interpretation and operation of the options plans, including determining who will receive an option award and the terms and conditions of the option awards.

In December 2004, the FASB issued SFAS 123(R), which requires all companies to measure compensation expense for all share-based payments (including employee stock options) at fair value, and became effective for public companies for annual reporting periods of fiscal years beginning after June 15, 2005. Our adoption of SFAS 123(R) required us to record an expense of \$564,000 for share-based compensation plans during 2007 and will result in ongoing accounting charges that will significantly reduce our net income. See Notes 2P and 6C of the Notes to the Consolidated Financial Statements for further information.

As of December 31, 2007, we have granted options to purchase 1,323,296 ordinary shares, of which options to purchase 362,715 ordinary shares have been exercised and options to purchase 773,889 ordinary shares remain outstanding.

In August 2006 we elected, pursuant to Rule 4350(a) of the NASDAQ Marketplace Rules, to follow our home country practice in lieu of the NASDAQ Marketplace Rules with respect to the approvals required for the establishment and for material amendments to our share option plans. Consequently, the establishment of share option plans and material amendments thereto is now subject to the approval of our Board of Directors and is no longer subject to our shareholders' approval.

C. BOARD PRACTICES

Terms of Office

The current Board of Directors is comprised of Zohar Zisapel, Zohar Gilon, Uri Har and Irit Hillel. Our directors are elected by the shareholders at the annual general meeting of the shareholders, except in certain cases where directors are appointed by the Board of Directors and their appointment is later ratified at the first meeting of the shareholders thereafter. With the exception of external directors (Meses. Har and Hillel), whose terms expire in 2010, our directors serve until the next annual general meeting (in 2008). None of our directors have service contracts with the Company relating to their serving as a director, and none of the directors will receive benefits upon termination of their position as a director.

External Directors

We are subject to the provisions of the new Israeli Companies Law, 5759-1999, which became effective on February 1, 2000, superseding most of the provisions of the Israeli Companies Ordinance (New Version), 5743-1983.

Under the Companies Law, companies incorporated under the laws of Israel whose shares have been offered to the public in or outside of Israel are required to appoint at least two external directors. The Companies Law provides that a person may not be appointed as an external director if the person or the person's spouse, siblings, parents, grandparents, descendants, spouses' descendants of the spouse of any of the foregoing (collectively, a "relative"), partner, employer or any entity under the person's control, has, as of the date of the person's appointment to serve as external director, or had during the two years preceding that date, any affiliation with the company, any entity controlling the company or any entity controlled by the company or by such controlling entity. The term affiliation includes:

an employment relationship;

a business or professional relationship maintained on a regular basis;

control; and

· service as an office holder (defined in the Israeli Companies Law as a (i) director, (ii) general manager, (iii) chief business manager, (iv) deputy general manager, (v) vice general manager, (vi) executive vice president, (vii) vice president, (viii) another manager directly subordinate to the general manager and (ix) any other person assuming the responsibilities of any of the foregoing positions without regard to such person's title), excluding service as a director who was appointed to serve as an office holder during the three-month period in which the company first offers its shares to the public.

No person may serve as an external director if the person's position or other business creates, or may create, a conflict of interest with the person's responsibilities as an external director or if his or her position or business may interfere with his or her ability to serve as a director. Until the lapse of two years from termination of service as an external director, a company may not engage an external director to serve as an office holder and cannot employ or receive services from that person, either directly or indirectly, including through a corporation controlled by that person.

External directors are to be elected by a majority vote at a shareholders meeting, provided that either:

· a majority of the shares voted at the meeting, including at least one third of the shares of non-controlling shareholders, vote in favor of the election; or

· the total number of shares voted against the election of the external director does not exceed one percent of the aggregate number of voting shares of the company.

The initial term of an external director is three years and may be extended for an additional three years. In certain special situations, the term may be extended beyond these periods. Each committee of a company's board of directors is required to include at least one external director. Both Uri Har and Irit Hillel qualify as external directors under the Companies Law, and both are members of the Company's Audit Committee.

Audit Committee

NASDAQ Requirements

Our ordinary shares are listed for quotation on the NASDAQ Capital Market (to which we transferred from the NASDAQ Global Market in October 2007), and we are subject to the rules of the NASDAQ Marketplace Rules applicable to listed companies. Under the current NASDAQ rules, a listed company is required to have an audit committee consisting of at least three independent directors, all of whom are financially literate and one of whom has accounting or related financial management expertise. Uri Har, Irit Hillel and Zohar Gilon qualify as independent directors under the current NASDAQ requirements, and all are members of the Audit Committee. Zohar Gilon is our

“audit committee financial expert.” In addition, we have adopted an Audit Committee charter, which sets forth the Audit Committee’s responsibilities.

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As stated in our Audit Committee charter, the Audit Committee assists our board in fulfilling its responsibility for oversight of the quality and integrity of our accounting, auditing and financial reporting practices and financial statements and the independence qualifications and performance of our independent auditors. The Audit Committee also has the authority and responsibility to oversee our independent auditors, to recommend for shareholder approval the appointment and, where appropriate, replacement of our independent auditors and to pre-approve audit engagement fees and all permitted non-audit services and fees.

Companies Law Requirements

Under the Companies Law, the board of directors of a public company is required to appoint an audit committee, which must be comprised of at least three directors and include all of the external directors, but may not include:

- the chairman of the board of directors;
- any controlling shareholder or any relative of a controlling shareholder; and
- any director employed by the company or providing services to the company on a regular basis.

The duty of the audit committee is to identify irregularities in the management of the company's business, including in consultation with the internal auditor and the company's independent accountants, and to recommend remedial action relating to such irregularities. In addition, the approval of the audit committee is required under the Companies Law to effect certain related-party transactions.

An audit committee of a public company may not approve a related-party transaction under the Companies Law unless at the time of such approval the external directors are serving as members of the audit committee and at least one of them is present at the meeting at which such approval is granted.

Under the Companies Law, the board of directors of a public company must also appoint an internal auditor proposed by the audit committee. The duty of the internal auditor is to examine, among other things, whether the company's conduct complies with applicable law and orderly business procedure. Under the Companies Law, the internal auditor may not be an interested party, an office holder, or an affiliate, or a relative of an interested party, an office holder or affiliate, nor may the internal auditor be the company's independent accountant or its representative. An interested party is defined in the Companies Law as a 5% or greater shareholder, any person or entity who has the right to designate at least one director or the general manager of the company and any person who serves as a director or as a general manager.

Mr. Joseph Ginossar a partner of Fahn Kanne & Co., a member of Grant Thornton, serves as our internal auditor.

Exculpation, Indemnification and Insurance of Directors and Officers

We have agreed to exculpate and indemnify our office holders to the fullest extent permitted under the Companies Law. We have also purchased a directors and officers liability insurance policy. For information regarding exculpation, indemnification and insurance of directors and officers under applicable law and our articles of association, see "Item 10—Additional Information—Memorandum and Articles of Association."

Management Employment Agreements

We maintain written employment agreements with substantially all of our key employees. These agreements provide, among other matters, for monthly salaries, our contributions to Managers' Insurance and an Education Fund and severance benefits. Most of our agreements with our key employees are subject to termination by either party upon the

delivery of notice of termination as provided therein.

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Nominating Committee

The nominees to our Board are selected or recommended to the Board by our Nominating Committee. The written procedures addressing the nominating process, were approved by our Board. Zohar Zisapel, Uri Har and Irit Hillel constitute our Nominating Committee.

Compensation Committee

The compensation payable to executive officers must be approved either by a majority of the independent directors on our board or by a Compensation Committee. Our Compensation Committee is comprised of Zohar Zisapel, Zohar Gilon and Irit Hillel.

D. EMPLOYEES

As of December 31, 2007, we had 133 permanent and temporary employees worldwide, of which 55 were employed in research and development, 50 in sales and marketing, 13 in management and administration and 15 in operations. As of December 31, 2007, 115 of our employees were based in Israel, 9 were based in the United States and 9 were based in Spain, Singapore, Korea and China. All of our employees have executed employment agreements, including confidentiality and non-compete provisions, with us. We are subject to labor laws and regulations in Israel and the United States. We and our Israeli employees are also subject to certain provisions of the general collective agreements between the Histadrut (General Federation of Labor in Israel) and the Coordination Bureau of Economic Organizations (including the Industrialists Association) by order of the Israeli Ministry of Labor and Welfare. None of our employees are represented by a labor union and we have not experienced any work stoppages.

E. SHARE OWNERSHIP

The following table sets forth certain information regarding the beneficial ownership of our ordinary shares by our directors and officers as of May 31, 2008. The percentage of outstanding ordinary shares is based on 5,075,910⁽³⁾⁽⁶⁾ ordinary shares outstanding as of May 31, 2008.

Name	Number of Ordinary Shares Beneficially Owned ⁽¹⁾	Percentage of Outstanding Ordinary Shares Beneficially Owned ⁽²⁾⁽³⁾
Zohar Zisapel ⁽⁴⁾	1,993,447	33.3%
All directors and executive officers as a group, except Zohar Zisapel (11 persons) ^{(1) (2) (5)}	166,107	2.9%

(1) Pursuant to applicable community property laws, each person named in the table has sole voting and investment power with respect to all ordinary shares listed as owned by such person. Shares beneficially owned include shares that may be acquired pursuant to options to purchase ordinary shares that are exercisable within 60 days of May 31, 2008.

(2) For determining the percentage owned by each person or group, ordinary shares for each person or group include ordinary shares that may be acquired by such person or group pursuant to options to purchase ordinary shares that are exercisable within 60 days of May 31, 2008.

- (3) The number of outstanding ordinary shares does not include 30,843 shares that were repurchased by us.
- (4) Includes beneficial ownership of ordinary shares held by RAD Data Communications Ltd and Klil and Michael Ltd, Israeli companies and 239,844 ordinary shares issuable upon exercise of options and warrants exercisable within 60 days of May 31, 2008. This information is based on Mr. Zisapel's Schedule 13G/A, filed with the SEC on February 12, 2008.
- (5) Each of the directors and executive officers not separately identified in the above table beneficially own less than 1% of our outstanding ordinary shares (including options or warrants held by each such party, and which are vested or shall become vested within 60 days of May 31, 2008) and have therefore not been separately disclosed. The amount of shares includes 139,076 ordinary shares issuable upon exercise of options and warrants exercisable within 60 days of May 31, 2008.
- (6) On May 6, 2008, our shareholders approved a one-to-four reverse share split, which we effected in June 2008.

ITEM 7. MAJOR SHAREHOLDERS AND RELATED PARTY TRANSACTIONS

A. MAJOR SHAREHOLDERS

The following table sets forth certain information regarding the beneficial ownership of our ordinary shares as of May 31, 2008, by each person or entity known to own beneficially more than 5% of our outstanding ordinary shares based on information provided to us by the holders or disclosed in public filings with the SEC. The voting rights of our major shareholders do not differ from the voting rights of other holders of our ordinary shares. As of May 31, 2008, our ordinary shares had a total of 61 holders of record, of which 30 were registered with addresses in the United States. We believe that the number of beneficial owners of our shares is substantially greater than the number of record holders, because a large portion of our ordinary shares is held of record in broker "street name." As of May 31, 2008, U.S. holders of record held approximately 58% of our outstanding ordinary shares.

Name	Number of Ordinary Shares ⁽¹⁾	Percentage of Outstanding Ordinary Shares ⁽²⁾
Zohar Zisapel ⁽³⁾⁽⁴⁾	1,770,961	33.3%
Yehuda Zisapel ⁽³⁾⁽⁵⁾	506,790	10.0%
RAD Data Communications Ltd. ⁽⁶⁾	44,460	0.9%

- (1) Except as otherwise noted and pursuant to applicable community property laws, each person named in the table has sole voting and investment power with respect to all ordinary shares listed as owned by such person. Shares beneficially owned include shares that may be acquired pursuant to options that are exercisable within 60 days of May 31, 2008.
- (2) The percentage of outstanding ordinary shares is based on 5,075,910 ordinary shares outstanding as of May 31, 2008. For determining the percentage owned by each person, ordinary shares for each person includes ordinary shares that may be acquired by such person pursuant to options to purchase ordinary shares that are exercisable within 60 days of May 31, 2008.

The number of outstanding ordinary shares does not include 30,843 shares that were repurchased by us.

- (3) Includes beneficial ownership of Messrs. Zohar Zisapel and Yehuda Zisapel of ordinary shares held by RAD Data Communications Ltd., an Israeli company.
- (4) Includes 44,460 ordinary shares owned of record by RAD Data Communications, 13,625 ordinary shares owned of record by Klil and Michael Ltd., an Israeli company and 239,844 ordinary shares issuable upon exercise of options and warrants exercisable within 60 days of May 31, 2008. Zohar Zisapel is a principal shareholder and director of each of RAD Data Communications Ltd. and Klil and Michael Ltd. and, as such, Mr. Zisapel may be deemed to have voting and dispositive power over the ordinary shares held by RAD Data Communications and Klil and Michael Ltd. Mr. Zisapel disclaims beneficial ownership of these ordinary shares except to the extent of his pecuniary interest therein. This information is based on Mr. Zohar Zisapel's Schedule 13G/A, filed with the SEC on February 12, 2008.

- (5) Includes 44,460 ordinary shares owned of record by RAD Data Communications and 227,590 ordinary shares owned of record by Retem Local Networks Ltd., an Israeli company. Yehuda Zisapel is a principal shareholder and director of each of RAD Data Communications and Retem Local Networks and, as such, Mr. Zisapel may be deemed to have voting and dispositive power over the ordinary shares held by RAD Data Communications and Retem Local Networks. Mr. Zisapel disclaims beneficial ownership of these ordinary shares except to the extent of his pecuniary interest therein. This information is based on Mr. Yahuda Zisapel's Schedule 13G/A, filed with the SEC on February 14, 2007.
- (6) Messrs. Zohar and Yehudah Zisapel have shared voting and dispositive power with respect to the shares held by Rad Data Communications Ltd. The shares held by Rad Data Communications Ltd. are reflected under Zohar Zisapel's and Yehuda Zisapel's names in the table.

B. RELATED PARTY TRANSACTIONS

The RAD-BYNET Group

Messrs. Yehuda and Zohar Zisapel are the founders and principal shareholders of our Company. Zohar Zisapel is our Chairman of the Board of Directors. One or both of Messrs. Yehuda Zisapel and Zohar Zisapel are also founders, directors and principal shareholders of several other companies which, together with us and their respective subsidiaries and affiliates, are known as the RAD-BYNET Group. Such other corporations include, without limitation: RAD Data Communications Ltd.; RADVision Ltd.; BYNET Data Communications Ltd.; BYNET SAMECH LTD.; BYNET SYSTEMS APPLICATIONS LTD.; BYNET ELECTRONICS LTD. (a non-exclusive distributor in Israel for us); and AB-NET Communication Ltd.

Members of the RAD-BYNET Group, each of which is a separate legal entity, are actively engaged in designing, manufacturing, marketing and supporting data communications and telecommunications products, none of which is currently the same as any product of ours. One or both of Messrs. Yehuda Zisapel and Zohar Zisapel are also founders, directors and principal shareholders of several other real estate, services, holdings and pharmaceutical companies. The above list does not constitute a complete list of the investments of Messrs. Yehuda and Zohar Zisapel.

We and other members of the RAD-BYNET Group also market certain of our products through the same distribution channels. Certain products of members of the RAD-BYNET Group are complementary to, and may be used in connection with, products of ours, and others of such products may be used in place of (and thus may be deemed to be competitive with) our products. We incorporate into our product line a software package for voice-over-IP simulation (H.323, SIP), which we purchased from a member of the RAD-BYNET Group. The aggregate amounts of such purchases were approximately \$30,000, \$4,000 and \$2,000 in 2005, 2006 and 2007, respectively.

We purchase certain products and services from members of the RAD-BYNET group, on terms that are either beneficial to us or are no less favorable than terms that might be available to us from unrelated third parties, based on quotes we received from unrelated third parties. In some cases, the RAD-BYNET Group obtains volume discounts for services from unrelated parties, and we pay our pro rata cost of such services. Based on our experience, the volume discounts provide better terms than we would be able to obtain on our own. The aggregate amounts of such purchases were approximately \$63,000, \$38,000 and \$71,000 in 2005, 2006 and 2007, respectively.

Each of RAD and BYNET provides legal, tax, personnel and administrative services to us and leases space to us, and each is reimbursed by us for its costs in providing such services. The aggregate amounts of such reimbursements were approximately \$45,000, \$43,000 and \$40,000 in 2005, 2006 and 2007, respectively.

We currently lease office premises in Tel Aviv and Paramus, New Jersey, from an affiliate. When these agreements were signed, the lease payments were at fair market prices based on quotes we received from third parties for similar space. Historically, we have had some additional flexibility to change the leased space, which we might not have had with unrelated third parties. The aggregate amount of lease payments were approximately \$516,000, \$502,000 and \$526,000 in 2005, 2006 and 2007, respectively. We also sub-lease 276 square feet of the New Jersey premises to a related party, and received aggregate rental payments of approximately \$5,000 for 2006 and 2007.

We are party to a non-exclusive distribution agreement with BYNET ELECTRONICS LTD., a related party. We sell our products and services to BYNET on the same terms and conditions as it sells to unrelated Israeli distributors with whom it has distribution agreements. The aggregate amounts of such sales were approximately \$773,000, \$335,000 and \$407,000 in 2005, 2006 and 2007, respectively.

In February 2008, we completed a PIPE in which we raised \$2.5 million from certain investors, including our Chairman, Mr. Zohar Zisapel Zohar Gilon, one of our directors; and his son, Amit Gilon. For more information, see “Item 8—Financial Information—Significant Changes” below.

We believe that the terms of the transactions in which we have entered and are currently engaged with other members of the RAD-BYNET Group are beneficial to us and no less favorable to us than terms that might be available to us from unaffiliated third parties. All future transactions and arrangements (or modifications of existing ones) with members of the RAD-BYNET Group in which our office holders have a personal interest or which raise issues of such office holders’ fiduciary duties will require approval by our Audit Committee and, in certain circumstances, approval of our shareholders under the Companies Law.

Registration Rights

As part of the two PIPEs we completed in 2004 and 2008, we have entered into agreements with certain of our directors and principal shareholders entitling them to certain registration rights. Pursuant to such agreements, such parties have the right to demand registration of their shares purchased in these PIPEs. We discharged our registration obligations with respect to the shares and warrants purchased in the 2004 PIPE transaction. For more information on the 2004 PIPE transaction, see “Item 5—Operating and Financial Review and Prospects—Liquidity and Capital Resources—Private Placement.”

C. INTERESTS OF EXPERTS AND COUNSEL

Not applicable.

ITEM 8. FINANCIAL INFORMATION

A. CONSOLIDATED STATEMENTS AND OTHER FINANCIAL INFORMATION

Our consolidated financial statements and other financial information, which can be found at the end of this Annual Report on Form 20-F beginning on page F-1, are incorporated herein by reference to “Item 18—Financial Statements” below.

Export Sales

In 2007, the amount of our export sales was approximately \$13.0 million, which represented 96.5% of our total sales.

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Legal Proceedings

In November 2005, we were served with a claim in the amount of approximately \$623,000 by Qualitest Ltd. an Israeli company which used to be a nonexclusive distributor of our products in Israel. Qualitest claims that we breached an exclusive distribution agreement. In December 2005, we filed a statement of defense against the claim asserting that an exclusive distribution agreement was never signed between the parties, and included a counterclaim in the amount of approximately \$131,000 for unpaid invoices. The case has been brought before an arbitrator, the Honorable Judge (Retired) Amnon Strashnov. In June 2006, Qualitest paid us \$69,000 in accordance with a partial verdict of the arbitrator. In June 2007, Qualitest paid the Company \$18,000 and by that and the partial verdict, settled the Company's counterclaim. In July 2007 the arbitrator accepted Qualitest's claim against us and instructed us to pay \$310,000 to Qualitest, in addition to \$31,000 as expenses to Qualitest. We included an expense for the full amount in our statement of operations "Sales and marketing expenses". In August 2007, we filed a request with the District Court in Tel Aviv to annul the arbitration award. In June 2008, the District Court denied our request.

Dividend Policy

We have never declared or paid any cash dividends on our ordinary shares. We currently intend to retain any future earnings to finance operations and to expand our business and, therefore, do not expect to pay any cash dividends in the foreseeable future.

B. SIGNIFICANT CHANGES

Private Placement

In February 2008, we completed a PIPE in which we raised \$2.5 million from certain investors, including our Chairman, Mr. Zohar Zisapel, who invested in this PIPE approximately \$1.65 million, Zohar Gilon, one of our directors and his son, Amit Gilon. We issued in the 2008 PIPE 976,563 ordinary shares at a price per share of \$2.56, as well as 325,520 warrants to purchase ordinary shares at an exercise price per warrant of \$3.20. The warrants are exercisable for a period of three years. In connection with the PIPE, we undertook to file a registration statement covering the resale of the shares and warrants purchased in the PIPE. We expect to file this registration statement during the third quarter of 2008.

Venture Loan from Plenus

In April 2008, we closed a \$2.5 million venture loan from Plenus, a leading Israeli venture-lending firm. The loan is for a period of three years, and bears interest at the rate of 10% per annum. In addition, we granted Plenus a warrant to purchase our ordinary shares in the amount of \$450,000. The warrant is exercisable for a period of five years, and its exercise price is \$2.56 per share. We also granted Plenus registration rights in respect of the shares underlying the warrant. In connection with the loan from Plenus, we granted Plenus a fixed charge over our intellectual property assets and a floating charge over our assets. Radcom Equipment Inc., our U.S. subsidiary, granted Plenus a security interest over its assets, and our subsidiaries provided Plenus with guaranties with respect to the loan. The loan also includes financial covenants which relate to the level of revenues, operating income and cash balances of the Company. for more details, see exhibit 4.19 – Loan Agreement dated as of April 1, 2008.

Reverse Share Split

In May 2008, our shareholders approved a one-to-four reverse share split. The purpose of the reverse share split was to enable the Company to continue to comply with the minimum \$1.00 bid price of the NASDAQ Capital Market. We effected this reverse share split in June 2008. Following the effectuation of the reverse split, the total number of ordinary shares was reduced from 20,303,638 to approximately 5,075,910.

Except as otherwise disclosed in this Annual Report on Form 20-F, there has been no material change in our financial position since December 31, 2007.

ITEM 9. THE OFFER AND LISTING

A. OFFER AND LISTING DETAILS

NASDAQ Capital Market

The following table sets forth the high and low bid prices of our ordinary shares as reported by the NASDAQ Global Market and the NASDAQ Capital Market, as applicable, for the calendar periods indicated:

	High	Low
2003	\$ 8.76	\$ 2.56
2004	\$ 11.12	\$ 4.00
2005	\$ 14.36	\$ 5.40
2006	\$ 20.20	\$ 6.96
2007	\$ 12.72	\$ 2.80
<u>2006</u>		
First Quarter	\$ 20.20	\$ 12.64
Second Quarter	\$ 11.96	\$ 8.00
Third Quarter	\$ 12.72	\$ 6.96
Fourth Quarter	\$ 13.04	\$ 9.44
<u>2007</u>		
First Quarter	\$ 12.72	\$ 10.40
Second Quarter	\$ 11.28	\$ 5.32
Third Quarter	\$ 5.60	\$ 2.80
Fourth Quarter	\$ 4.20	\$ 2.88
<u>2008</u>		
First Quarter	\$ 3.40	\$ 1.80
<u>Most recent six months</u>		
December 2007	\$ 3.44	\$ 2.88
January 2008	\$ 3.04	\$ 2.72
February 2008	\$ 3.40	\$ 2.76
March 2008	\$ 2.80	\$ 1.80
April 2008	\$ 2.64	\$ 2.20
May 2008	\$ 2.72	\$ 2.24
June 2008 (through June 24)	\$ 2.80	\$ 2.06

Dual Listing

In addition to trading on the NASDAQ Capital Market, on February 20, 2006, our ordinary shares began trading on the TASE. According to a publication of the Israeli Tax Authorities, sales of securities of an industrial company, such as us, by individuals and companies to whom Chapter B of the Inflationary Law does not apply will continue to enjoy benefits of a lower Israeli capital gains tax after a dual listing.

Tel-Aviv Stock Exchange

The following table sets forth the high and low bid prices of our ordinary shares as reported by the TASE for the calendar periods indicated:

	High	Low
<u>2006</u>		
	NIS	NIS
2006 (February 20, 2006 through December 31, 2006)	96.16	31.48
	NIS	NIS
First Quarter (February 20, 2006 through March 31, 2006)	96.16	76.32
	NIS	NIS
Second Quarter	81.32	37.92
	NIS	NIS
Third Quarter	52.04	31.48
	NIS	NIS
Fourth Quarter	55.00	42.00
<u>2007</u>		
	NIS	NIS
First Quarter	53.44	42.48
	NIS	NIS
Second Quarter	47.80	21.70
	NIS	NIS
Third Quarter	23.80	12.08
	NIS	NIS
Fourth Quarter	16.36	11.12
<u>2008</u>		
	NIS	
First Quarter	12.24	NIS 6.76
<u>Most recent six months</u>		
	NIS	NIS
December 2007	13.20	11.12
	NIS	
January 2008	11.24	NIS 9.88
	NIS	NIS
February 2008	12.24	10.20
	NIS	
March 2008	11.00	NIS 6.76
April 2008	NIS 9.20	NIS 7.60
	NIS	
May 2008	10.00	NIS 7.88
June 2008 (through June 24)	NIS 8.80	NIS 7.74

B. PLAN OF DISTRIBUTION

Not applicable.

C. MARKETS

Since our initial public offering on September 24, 1997 and until September 30, 2007 our ordinary shares have been traded on the NASDAQ Global Market under the symbol RDCM, and since October 1, 2007 our shares have been traded on the NASDAQ Capital Market. In addition, since February 20, 2006, our ordinary shares have been traded also on the TASE under the symbol " ". Prior to September 24, 1997, there was no market for our ordinary shares.

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Our ordinary shares are currently listed on the NASDAQ Capital Market and are thereby subject to the rules and regulations established by NASDAQ and applicable to listed companies. Rule 4350 of the NASDAQ Marketplace Rules imposes various corporate governance requirements on listed securities. Section (a)(1) of Rule 4350 provides that foreign private issuers are required to comply with certain specific requirements of Rule 4350, but, as to the balance of Rule 4350, foreign private issuers may comply with the laws of their home jurisdiction in lieu of the requirements of such sections of Rule 4350.

We have chosen to follow the rules of our home jurisdiction, the Israeli Companies Law, in lieu of the requirements of (i) Rule 4350(b) regarding the requirement to distribute an annual report to our shareholders prior to our annual meeting of shareholders; (ii) Rule 4350(i)(1)(A) relating to the solicitation of shareholder approval prior to the issuance of designated securities when a stock option or purchase plan is to be established or materially amended; and (iii) Rule 4350(l) relating to the direct registration program. These requirements of Rule 4350 are not required under the Israeli Companies Law.

D. SELLING SHAREHOLDERS

Not applicable.

E. DILUTION

Not applicable.

F. EXPENSES OF THE ISSUE

Not applicable.

ITEM 10. ADDITIONAL INFORMATION

A. SHARE CAPITAL

Not applicable.

B. MEMORANDUM AND ARTICLES OF ASSOCIATION

The following is a summary description of certain provisions of our memorandum of association and articles of association.

Objects and Purposes

We were first registered by the Israeli Registrar of Companies on July 5, 1985, as a private company. We later became a public company, registered by the Israeli Registrar of Companies on October 1, 1997 with the company number 52-004345-6.

The full details of all our objects and purposes can be found in Section 2 of our memorandum of association, as filed with the Israeli Registrar of Companies and amended from time to time by resolution of our shareholders. One of our objectives listed is to manufacture, market and deal - in all ways - with computer equipment, including communications equipment and all other equipment related in any way to such equipment. Some additional objects of our listing include: having business relationships with representatives and agents; engaging in research and development; acquiring intellectual property; engaging in business actions with other business owners; lending money when we deem it proper; dealing in any form of business (e.g., import, export, marketing, etc.); and many other

general business activities, whether in Israel or in any other country.

Directors

According to our articles of association, our Board of Directors is to consist of not less than three and not more than nine directors (which may be changed by resolution of our shareholders).

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Election of Directors

Directors, other than external directors, are elected by the shareholders at the annual general meeting of the shareholders or appointed by the board of directors. In the event that any directors are appointed by the board of directors, their appointment is required to be ratified by the shareholders at the next shareholders' meeting following such appointment. Our shareholders may remove a director from office in certain circumstances. There is no requirement that a director own any of our capital shares. Directors may appoint alternative directors in their place, with the exception of external directors, who may appoint an alternate director only in very limited circumstances.

Remuneration of Directors

Directors' remuneration is subject to shareholder approval, except for reimbursement of reasonable expenses incurred in connection with carrying out directors' duties, and except for the monetary compensation to external directors mandated by recent Israeli regulations, which is subject to approval by the board of directors only.

Powers of the Board

The board of directors may resolve to take action at a meeting when a quorum is present, and each resolution must be passed by a vote of at least a majority of the directors present at the meeting who are entitled to participate in the meeting. A quorum of directors requires at least a majority of the directors then in office. The board of directors may elect one director to serve as the chairman of the board of directors to preside at the meetings of the board of directors, and may also remove such director.

The board of directors retains all power in running the Company that is not specifically granted to the shareholders. The board of directors may, at its discretion, cause us to borrow or secure the payment of any sum or sums of money for our purposes at such times and upon such terms and conditions in all respects as it deems fit, and, in particular, through the issuance of bonds, perpetual or redeemable debentures, debenture stock, or any mortgages, charges, or other securities on the undertaking or the whole or any part of our property, both present and future, including our uncalled or called but unpaid capital for the time being.

Dividends

The board of directors may declare dividends as it deems justified, but the final dividend for any fiscal quarter must be proposed by the board of directors and approved by the shareholders. Dividends may be paid in assets or shares of capital stock, debentures or debenture stock of us or of other companies. The board of directors may decide to distribute our profits among the shareholders. Dividends that remain unclaimed after seven years will be forfeited and returned to us. Unless there are shareholders with special dividend rights, any dividend declared will be distributed among the shareholders in proportion to their respective holdings of our shares for which the dividend is being declared.

Neither our memorandum of association or our articles of association nor the laws of the State of Israel restrict in any way the ownership or voting of ordinary shares by non-residents of Israel, except with regard to subjects of countries which are in a state of war with Israel who may not be recognized as owners of ordinary shares. If we are wound up, then aside from any special rights of shareholders, our remaining assets will be distributed among the shareholders in proportion to their respective holdings.

Our articles of association allows us to create redeemable shares, although at the present time we do not have any such redeemable shares.

External Directors

See “Item 6—Directors, Senior Management and Employees—Board Practices—External Directors.”

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Fiduciary Duties of Office Holders

The Companies Law imposes a duty of care and a duty of loyalty on all office holders of a company.

The duty of care requires an office holder to act with the level of care with which a reasonable office holder in the same position would have acted under the same circumstances. The duty of care of an office holder includes a duty to utilize reasonable means to obtain:

- information regarding the advisability of a given action submitted for his or her approval or performed by him or her by virtue of his position; and
- all other important information pertaining to such actions.

The duty of loyalty of an office holder includes a duty to:

- refrain from any conflict of interest between the performance of his or her duties for the company and the performance of his or her other duties or personal affairs;
- refrain from any activity that is competitive with the company;
- refrain from exploiting any business opportunity of the company to receive a personal gain for himself or herself, or for others; and
- disclose to the company any information or documents relating to the company's affairs which the office holder has received due to his or her position as an office holder.

Each person listed in the table above under "Item 6—Directors, Senior Management and Employees—Directors and Senior Management" above is an office holder. Under the Companies Law, the approval of the board of directors is required for all compensation arrangements of office holders who are not directors. Under the Companies Law, directors' compensation arrangements require the approval of the audit committee and the board of directors, in such order, and in a public company, require the approval of the audit committee, the board of directors and the shareholders, in that order.

Conflict of Interest

The Companies Law requires that an office holder of a company disclose to the company, promptly and in any event no later than the board of directors meeting in which the transaction is first discussed, any personal interest that he or she may have and all related material information known to him or her in connection with any existing or proposed transaction by the company. A personal interest of an office holder includes an interest of a company in which the office holder is a 5% or greater shareholder, director or general manager or in which the office holder has the right to appoint at least one director or the general manager. In the case of an extraordinary transaction, the office holder's duty to disclose applies also to the personal interest of the office holder's relative, which term is defined in the Companies Law. See "Item 6—Directors, Senior Management and Employees—Board Practices" for the complete definition. Under Israeli law, an extraordinary transaction is a transaction which is:

· not in the ordinary course of business;

· not on market terms; or

is likely to have a material impact of the company's profitability, assets or liabilities.

Under the Companies Law, the board of directors may approve a transaction between the company and an office holder or a third party in which an office holder has a personal interest. A transaction that is adverse to the company's interest may not be approved. If the transaction is an extraordinary transaction, the transaction requires the approval of the audit committee and the board of directors, in that order. In certain circumstances, shareholder approval may also be required. An office holder who has a personal interest in a transaction that is considered at a meeting of the board of directors or the audit committee generally may not be present at such meeting or vote on such transaction, unless a majority of the members of the board of directors or the audit committee, as the case may be, also have a personal interest. If a majority of the members of the board of directors or the audit committee, as the case may be, also have a personal interest, shareholder approval is also required.

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Changing Rights of the Shareholders

The company may change the rights of owners of shares of capital stock only with the approval of a majority of the holders of such class of stock present and voting at a separate general meeting called for such class of stock. An enlargement of a class of stock is not considered changing the rights of such class of stock.

Shareholder Meetings

The company has two types of general shareholder meetings: the annual general meeting and the extraordinary general meeting. An annual general meeting must be held once in every calendar year, but not more than 15 months after the last annual general meeting. We are required to give notice of general meetings no less than seven days before the general meetings. A quorum in a general meeting consists of two or more holders of ordinary shares (present in person or by proxy), who together hold at least one-third (1/3) of the voting power of the company. If there is no quorum within an hour of the time set, the meeting is postponed until the following week (or any other time upon which the chairman of the board and the majority of the voting power represented at the meeting agree). Every ordinary share has one vote. A shareholder may only vote the shares for which all calls have been paid, except in separate general meetings of a particular class. A shareholder may vote in person or by proxy, or, if the shareholder is a corporate body, by its representative. We are exempted by the NASDAQ Marketplace Rules from the requirement to distribute our annual report to our shareholders, but we have undertaken to post a copy of it on our website, www.radcom.com, after filing it with the SEC.

Duties of Shareholders

Under the Companies Law, the disclosure requirements that apply to an office holder also apply to a controlling shareholder of a public company. A controlling shareholder is a shareholder who has the ability to direct the activities of a company, including a shareholder that holds 25% or more of the voting power of a company if no other shareholder owns more than 50% of the voting power of the company, but excluding a shareholder whose power derives solely from his or her position as a director of the company or any other position with the company. Extraordinary transactions of a public company with a controlling shareholder or with a third party in which a controlling shareholder has a personal interest, and the terms of engagement of a controlling shareholder as an office holder or employee, require the approval of the audit committee, the board of directors and the shareholders of the company, in such order. The shareholder approval must be by a majority vote, provided that either:

- at least one-third of the shares of shareholders who have no personal interest in the transaction and are present and voting, in person, by proxy or by written ballot, at the meeting, vote in favor of the transaction; or
- the shareholders who have no personal interest in the transaction who vote against the transaction do not represent more than one percent of the voting power of the company.

For information concerning the direct and indirect personal interests of certain of our office holders and principal shareholders in certain transactions with us, see “Item 7—Major Shareholders and Related Party Transactions.”

In addition, under the Companies Law each shareholder has a duty to act in good faith in exercising his or her rights and fulfilling his or her obligations toward the company and other shareholders and to refrain from abusing any power he or she has in the company, such as in shareholder votes. In addition, certain shareholders have a duty of fairness toward the company, although such duty is not defined in the Companies Law. These shareholders include any controlling shareholder, any shareholder who knows that he or she possesses the power to determine the outcome of a shareholder vote and any shareholder who, pursuant to the provisions of the articles of association, has the power to appoint or to prevent the appointment of an office holder or any other power in regard to the company.

Exculpation of Office Holders

Under the Companies Law, an Israeli company may not exempt an office holder from liability with respect to a breach of his duty of loyalty, but may exempt in advance an office holder from his liability to the company, in whole or in part, with respect to a breach of his duty of care (except in connection with distributions), provided that the articles of association of the company permit it to do so. Our articles of association allow us to exempt our office holders to the fullest extent permitted by law.

Insurance of Office Holders

Our articles of association provide that, subject to the provisions of the Companies Law, we may enter into a contract for the insurance of the liability of any of our office holders with respect to an act performed by such individual in his or her capacity as an office holder, for:

- a breach of an office holder's duty of care to us or to another person;
- a breach of an office holder's duty of loyalty to us, provided that the office holder acted in good faith and had reasonable cause to assume that his or her act would not prejudice our interests; or
- a financial liability imposed upon an office holder in favor of another person concerning an act performed by an office holder in his or her capacity as an office holder.

Indemnification of Office Holders

- Our articles of association provide that we may indemnify an office holder with respect to an act performed in his capacity as an office holder against:
 - a financial liability imposed on him or her in favor of another person by any judgment, including a settlement or an arbitration award approved by a court; such indemnification may be approved (i) after the liability has been incurred or (ii) in advance, provided that our undertaking to indemnify is limited to events that our Board of Directors believes are foreseeable in light of our actual operations at the time of providing the undertaking and to a sum or criterion that our Board of Directors determines to be reasonable under the circumstances ;
 - reasonable litigation expenses, including attorney's fees, expended by the office holder as a result of an investigation or proceeding instituted against him or her by a competent authority, provided that such investigation or proceeding concluded without the filing of an indictment against him or her and either (i) concluded without the imposition of any financial liability in lieu of criminal proceedings or (ii) concluded with the imposition of a financial liability in lieu of criminal proceedings but relates to a criminal offense that does not require proof of criminal intent; and
 - reasonable litigation expenses, including attorney's fees, expended by the office holder or charged to him or her by a court, in proceedings we institute against him or her or instituted on our behalf or by another person, a criminal indictment from which he was acquitted, or a criminal indictment in which he was convicted for a criminal offense that does not require proof of criminal intent.

Limitations on Exculpation, Indemnification and Insurance

The Companies Law provides that a company may not enter into a contract for the insurance of its office holders nor indemnify an office holder nor exempt an officer from responsibility toward the company, for any of the following:

- a breach by the office holder of his or her duty of loyalty, unless, with respect to insurance coverage or indemnification, the office holder acted in good faith and had a reasonable basis to believe that such act would not prejudice the company;
- a breach by the office holder of his or her duty of care if the breach was committed intentionally or recklessly;
- any act or omission committed with the intent to unlawfully yield a personal profit; or
- any fine imposed on the office holder.

In addition, under the Companies Law, indemnification of, and procurement of insurance coverage for, our office holders must be approved by our Audit Committee and Board of Directors and, if the beneficiary is a director, by our shareholders. Our Audit Committee, Board of Directors and shareholders resolved to indemnify and exculpate our office holders by providing them with indemnification agreements and approving the purchase of a directors and officers liability insurance policy.

Anti-Takeover Provisions; Mergers and Acquisitions

The Companies Law allows for mergers, provided that each party to the transaction obtains the approval of its board of directors and shareholders. For the purpose of the shareholder vote of each party, unless a court rules otherwise, a statutory merger will not be deemed approved if shares representing a majority of the voting power present at the shareholders meeting and which are not held by the other party to the potential merger (or by any person who holds 25% or more of the shares of the other party to the potential merger, or the right to appoint 25% or more of the directors of the other party to the potential merger) have voted against the merger. Upon the request of a creditor of either party to the proposed merger, the court may delay or prevent the merger if the court concludes that there exists a reasonable concern that as a result of the merger the surviving company will be unable to satisfy the obligations of such party. Finally, a merger may not be completed unless at least (i) 50 days have passed from the time that the requisite proposals for approval of the merger were filed with the Israeli Registrar of Companies and (ii) 30 days have passed since the merger was approved by the shareholders of each merging company.

In addition, provisions of the Companies Law that address “arrangements” between a company and its shareholders allow for “squeeze-out” transactions in which a target company becomes a wholly-owned subsidiary of an acquirer. These provisions generally require that the merger be approved by a majority of the participating shareholders (excluding those abstaining) holding at least 75% of the shares voted on the matter. In addition to shareholder approval, court approval of the transaction is required, which entails further delay. The Companies Law also provides for a merger between Israeli companies after completion of the above procedure for an “arrangement” transaction and court approval of the merger.

The Companies Law also provides that an acquisition of shares in a public company must be made by means of a tender offer if, as a result of such acquisition, the purchaser would become a 25% shareholder of the company. This rule does not apply if there is already another 25% shareholder of the company. Similarly, the Companies Law provides that an acquisition of shares in a public company must be made by means of a tender offer if, as a result of the acquisition, the purchaser would become a 45% or greater shareholder of the company, unless there is already a 45% or greater shareholder of the company. These requirements do not apply if, in general, the acquisition (i) was made in a private placement that received shareholder approval, including with respect to the fact that as a result of

the transaction a party would become a shareholder of 25% or more, (ii) was from a 25% or greater shareholder of the company which resulted in the acquiror becoming a 25% or greater shareholder of the company, or (iii) was from a 45% or greater shareholder of the company which resulted in the acquiror becoming a 45% or greater shareholder of the company. The tender offer must be extended to all shareholders, but the offeror is not required to purchase more than 5% of the company's outstanding shares, regardless of how many shares are tendered by shareholders. The tender offer may be consummated only if (i) at least 5% of the company's outstanding shares will be acquired by the offeror and (ii) the number of shares tendered in the offer exceeds the number of shares whose holders objected to the offer.

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If, as a result of an acquisition of shares, the acquirer will hold more than 90% of a company's outstanding shares, the acquisition must be made by means of a tender offer for all of the outstanding shares. If less than 5% of the outstanding shares are not tendered in the tender offer, all the shares that the acquirer offered to purchase will be transferred to it. The Companies Law provides for appraisal rights if any shareholder files a request in court within three months following the consummation of a full tender offer. If more than 5% of the outstanding shares are not tendered in the tender offer, then the acquirer may not acquire shares in the tender offer that will cause his shareholding to exceed 90% of the outstanding shares. Israeli tax law treats stock-for-stock acquisitions between an Israeli company and another company less favorably than does U.S. tax law. For example, Israeli tax law may, under certain circumstances, subject a shareholder who exchanges his or her ordinary shares for shares of another corporation to taxation prior to the sale of the shares received in such stock-for-stock swap.

C. MATERIAL CONTRACTS

For a summary of our material contracts, see "Item 7—Major Shareholders and Related Party Transactions" and "Item 4—Information on the Company—Property, Plants and Equipment," which is incorporated herein by reference.

D. EXCHANGE CONTROLS

There are currently no Israeli currency control restrictions on payments of dividends or other distributions with respect to our ordinary shares or the proceeds from the sale of our ordinary shares, except for the obligation of Israeli residents to file reports with the Bank of Israel regarding certain transactions. However, legislation remains in effect pursuant to which currency controls can be imposed by administrative action at any time and from time to time.

E. TAXATION

Israeli Tax Considerations

The following is a summary of the current tax structure applicable to companies incorporated in Israel, with special reference to its effect on us. The following also contains a discussion of the material Israeli consequences to purchasers of our ordinary shares and Israeli government programs benefiting us.

This summary does not discuss all the aspects of Israeli tax law that may be relevant to a particular investor in light of his or her personal investment circumstances or to some types of investors subject to special treatment under Israeli law. To the extent that the discussion is based on new tax legislation which has not been subject to judicial or administrative interpretation, we cannot assure you that the views expressed in the discussion will be accepted by the appropriate tax authorities or the courts. The discussion is not intended, and should not be construed, as legal or professional tax advice and is not exhaustive of all possible tax considerations.

Holders of our ordinary shares should consult their own tax advisors as to the United States, Israeli or other tax consequences of the purchase, ownership and disposition of ordinary shares, including, in particular, the effect of any foreign state or local taxes.

General Corporate Tax Structure

Israeli companies are generally subject to Corporate Tax on their taxable income at the rate of 29% for the 2007 tax year. Following an amendment to the Tax Ordinance, which became effective on January 1, 2006, the Corporate Tax rate was decreased to 27% for the 2008 tax year, 26% for the 2009 tax year and 25% for the 2010 tax year and thereafter. Israeli companies are generally subject to Capital Gains Tax at a rate of 25% for capital gains (other than gains deriving from the sale of listed securities) derived after January 1, 2003. However, the effective tax rate payable by a company that derives income from an approved enterprise (as further discussed below) may be considerably less.

Tax Benefits and Grants for Research and Development

Israeli tax law allows, under specified conditions, a tax deduction for expenditures, including capital expenditures, for the year in which they are incurred. These expenses must relate to scientific research and development projects and must be approved by the relevant Israeli government ministry, determined by the field of research, and the research and development must be for the promotion of the company and carried out by or on behalf of the company seeking such deduction. However, the amount of such deductible expenses shall be reduced by the sum of any funds received through government grants for the finance of such scientific research and development projects. Expenditures not so approved are deductible over a three-year period.

Tax Benefits Under the Law for the Encouragement of Industry (Taxes), 1969

Under the Law for the Encouragement of Industry (Taxes), 1969 (the "Industry Encouragement Law"), Industrial Companies (as defined below) are entitled to the following tax benefits, among others:

- deductions over an eight-year period for purchases of know-how and patents;
- deductions over a three-year period of expenses involved with the issuance and listing of shares on a stock exchange;
- the right to elect, under specified conditions, to file a consolidated tax return with other related Israeli Industrial Companies; and
- accelerated depreciation rates on equipment and buildings.

Eligibility for benefits under the Industry Encouragement Law is not subject to receipt of prior approval from any governmental authority. Under the Industry Encouragement Law, an "Industrial Company" is defined as a company resident in Israel, at least 90% of the income of which, in any tax year, is derived from an "Industrial Enterprise" owned by it. An "Industrial Enterprise" is defined as an enterprise whose major activity in a given tax year is industrial production activity.

We believe that we currently qualify as an Industrial Company within the definition of the Industry Encouragement Law. No assurance can be given that we will continue to qualify as an Industrial Company or that the benefits described above will be available in the future.

Special Provisions Relating to Taxation Under Inflationary Conditions

The Income Tax Law (Inflationary Adjustments), 1985, represents an attempt to overcome the problems presented to a traditional tax system by an economy undergoing rapid inflation. The Inflationary Adjustments Law is highly complex. Its features which are material to us can be described as follows:

- When the value of a company's equity, as calculated under the Inflationary Adjustments Law, exceeds the depreciated cost of Fixed Assets (as defined in the Inflationary Adjustments Law), a deduction from taxable income is permitted equal to the product of the excess multiplied by the applicable annual rate of inflation. The maximum deduction permitted in any single tax year is 70% of taxable income, with the unused portion permitted to be carried forward, linked to the increase in the consumer price index.

· If the depreciated cost of Fixed Assets exceeds a company's equity, then the product of such excess multiplied by the applicable annual rate of inflation is added to taxable income.

- Subject to certain limitations, depreciation deductions on Fixed Assets and losses carried forward are adjusted for inflation based on the increase in the consumer price index.

On February 26, 2008, the Israeli Income Tax Law (Inflationary Adjustments) (Amendment No. 20) (Restriction of Period of Application) - 2008 ("the Amendment") was passed by the Knesset. According to the Amendment, the Inflationary Adjustments Law will no longer be applicable subsequent to the 2007 tax year, except for certain transitional provisions. Further, according to the Amendment, commencing with the 2008 tax year, the adjustment of income for the effects of inflation for tax purposes will no longer be calculated. Additionally, depreciation on fixed assets and tax loss carryforwards will no longer be linked to future changes in the CPI, such that these amounts will continue to be linked only to the CPI as of the end of the 2007 tax year and will not be linked to CPI changes after such date.

The Israeli Income Tax Ordinance and regulations promulgated thereunder allow "Foreign-Invested Companies," which maintain their accounts in U.S. dollars in compliance with the regulations published by the Israeli Minister of Finance, to base their tax returns on their operating results as reflected in the dollar financials statements or to adjust their tax returns based on exchange rate changes rather than changes in the Israeli consumer price index, in lieu of the principles set forth by the Inflationary Adjustments Law. For these purposes, a Foreign-Invested Company is a company, more than 25% of whose share capital, in terms of rights to profits, voting and appointment of directors, and of whose combined share and loan capital, is held by persons who are not residents of Israel. A company that elects to measure its results for tax purposes based on the dollar exchange rate cannot change that election for a period of three years following the election. We believe that we qualify as a Foreign Investment Company within the meaning of the Inflationary Adjustments Law. We have not yet elected to measure our results for tax purposes based on the U.S. dollar exchange rate, but may do so in the future.

In March 2008, an amendment to the Inflationary Adjustments Law went into effect. Pursuant to this amendment, as of the 2008 tax year, most of the provisions of the Inflationary Adjustments Law will no longer be in force, except for certain transitional provisions.

Capital Gains Tax on Sales of Our Ordinary Shares

Israeli law generally imposes a capital gains tax on the sale of any capital assets by residents of Israel, as defined for Israeli tax purposes, and on the sale of assets located in Israel, including shares in Israeli companies, by non-residents of Israel, unless a specific exemption is available or unless a tax treaty between Israel and the shareholder's country of residence provides otherwise. The law distinguishes between real gain and inflationary surplus. The inflationary surplus is equal to the increase in the purchase price of the relevant asset attributable to the increase in the Israeli consumer price index or, in certain circumstances, a foreign currency exchange rate, between the date of purchase and the date of sale. The real gain is the excess of the total capital gain over the inflationary surplus.

Generally, the tax rate applicable to capital gains derived from the sale of shares, whether listed on a stock market or not, is 20% for Israeli individuals, unless such shareholder claims a deduction for financing expenses in connection with such shares, in which case the gain will generally be taxed at a rate of 25%. Additionally, if such shareholder is considered a "Significant Shareholder" at any time during the 12-month period preceding such sale, i.e. such shareholder holds directly or indirectly, including with others, at least 10% of any means of control in the company, the tax rate shall be 25%. Israeli Companies are subject to the Corporate Tax rate on capital gains derived from the sale of listed shares, unless such companies were not subject to the Adjustments Law (or certain regulations) in which case the applicable tax rate is 25%. However, the foregoing tax rates will not apply to: (i) dealers in securities; and (ii) shareholders who acquired their shares prior to an initial public offering (that may be subject to a different tax

arrangement).

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The tax basis of our shares acquired prior to January 1, 2003 will generally be determined in accordance with the average closing share price in the three trading days preceding January 1, 2003. However, a request may be made to the tax authorities to consider the actual adjusted cost of the shares as the tax basis if it is higher than such average price.

Non-Israeli residents are exempt from Israeli capital gains tax on any gains derived from the sale of shares on the TASE, under certain conditions, or from the sale of shares of Israeli companies publicly traded on a recognized stock exchange or regulated market outside of Israel (such as RADCOM), provided such shareholders did not acquire their shares prior to the issuer's initial public offering, that the gains did not derive from a permanent establishment of such shareholders in Israel and that such shareholders are not subject to the Inflationary Adjustment Law. However, non-Israeli corporations will not be entitled to such exemption if Israeli residents (i) have a controlling interest of 25% or more in such non-Israeli corporation, or (ii) are the beneficiaries of or are entitled to 25% or more of the revenues or profits of such non-Israeli corporation, whether directly or indirectly.

In some instances where our shareholders may be liable to Israeli tax on the sale of their ordinary shares, the payment of the consideration may be subject to the withholding of Israeli tax at source.

U.S.-Israel Tax Treaty

Pursuant to the Convention between the Government of the United States of America and the Government of Israel with Respect to Taxes on Income, as amended (the "the U.S.- Israel Tax Treaty"), the sale, exchange or disposition of ordinary shares by a person who (i) holds the ordinary shares as a capital asset, (ii) qualifies as a resident of the United States within the meaning of the U.S.-Israel Tax Treaty and (iii) is entitled to claim the benefits afforded to such resident by the U.S.-Israel Tax Treaty generally will not be subject to Israeli capital gains tax unless either such resident holds, directly or indirectly, shares representing 10% or more of the voting power of a company during any part of the 12-month period preceding such sale, exchange or disposition, subject to certain conditions, or the capital gains from such sale, exchange or disposition can be allocated to a permanent establishment in Israel. In the event that the exemption shall not be available, the sale, exchange or disposition of ordinary shares would be subject to such Israeli capital gains tax to the extent applicable; however, under the U.S.-Israel Tax Treaty, such residents may be permitted to claim a credit for such taxes against U.S. federal income tax imposed with respect to such sale, exchange or disposition, subject to the limitations in U.S. laws applicable to foreign tax credits. The U.S.-Israel Tax Treaty does not relate to state or local taxes.

Taxation of Non-Residents on Dividends

Non-residents of Israel are subject to income tax on income accrued or derived from sources in Israel. Such sources of income include passive income such as dividends. On distributions of dividends, income tax is withheld at the source at the rate of 20%, or 25% for a shareholder that is considered a Significant Shareholder at any time during the 12-month period preceding such distribution, or 15% for dividends deriving from income generated by an Approved Enterprise; unless a different rate is provided in a treaty between Israel and the shareholder's country of residence. Under the U.S.-Israel Tax Treaty, the maximum tax on dividends paid to a holder of ordinary shares who is a U.S. resident will be 25%; provided, however, that under the Investments Law, dividends deriving from income generated by an Approved Enterprise (or Benefited Enterprise) are taxed at the rate of 15%. Furthermore, dividends not generated by an Approved Enterprise (or Benefited Enterprise) paid to a U.S. company holding at least 10% of our issued voting power during the part of the tax year which precedes the date of payment of the dividend and during the whole of its prior tax year, are generally taxed at a rate of 12.5%, provided that not more than 25% of our gross income consists of interests or dividends.

For information with respect to the applicability of Israeli capital gains taxes on the sale of ordinary shares by United States residents, see “—Capital Gains Tax on Sales of Our Ordinary Shares” above.

Law for the Encouragement of Capital Investments, 1959

The Law for the Encouragement of Capital Investments, 1959, or the “Investments Law,” as in effect until April 2005 provides that a capital investment in eligible facilities may, upon application to the Investment Center of the Ministry of Industry and Commerce of the State of Israel, be designated as an Approved Enterprise. See discussion below regarding an amendment to the Investments Law that came into effect in 2005.

Each certificate of approval for an Approved Enterprise relates to a specific investment program delineated both by its financial scope, including its capital sources, and by its physical characteristics, e.g., the equipment to be purchased and utilized pursuant to the program. Taxable income of a company derived from an Approved Enterprise is subject to company tax at the maximum rate of 25% (rather than the regular Corporate Tax rates) for the “Benefit Period,” a period of seven years commencing with the year in which the Approved Enterprise first generated taxable income (limited to 12 years from commencement of production or 14 years from the year of receipt of approval, whichever is earlier) and, under certain circumstances (as further detailed below), extending to a period of ten years from the commencement of the Benefit Period. Tax benefits under the Investments Law shall also apply to income generated by a company from the grant of a usage right with respect to know-how developed by the Approved Enterprise, income generated from royalties, and income derived from a service which is auxiliary to such usage right or royalties, provided that such income is generated within the Approved Enterprise’s ordinary course of business.

A company that has an Approved Enterprise program is eligible for further tax benefits if it qualifies as a “foreign investors’ company.” A “foreign investors’ company” is a company more than 25% of whose shares of capital stock and combined share and loan capital is owned by non-Israeli residents. A company that qualifies as a foreign investors’ company and has an approved enterprise program is eligible for tax benefits for a ten year benefit period. As specified below, depending on the geographic location of the Approved Enterprise within Israel, income derived from the Approved Enterprise program may be exempt from tax on its undistributed income for a period of between two and ten years and will be subject to a reduced tax rate for the remainder of the benefits period. The tax rate for the remainder of the benefits period is between 10% and 25%, depending on the level of foreign investment in each year.

A company with an Approved Enterprise designation may elect (as we have done) to forego certain Government grants extended to Approved Enterprises in return for an “alternative package of benefits.” Under such alternative package of benefits, a company’s undistributed income derived from an Approved Enterprise will be exempt from Company Tax for a period of between two and ten years from the first year of taxable income, depending on the geographic location of the Approved Enterprise within Israel, and such company will be eligible for the tax benefits under the Investments Law for the remainder of such Benefits Period.

A company that has elected such alternative package of benefits and that subsequently pays a dividend out of income derived from the Approved Enterprise(s) during the tax exemption period will be subject to Corporate Tax in respect of the amount distributed (including the tax thereon) at the rate which would have been applicable had the company not elected the alternative package of benefits (10%-25%, depending on the extent of foreign shareholders holding the company’s ordinary shares). The dividend recipient is taxed at the reduced rate applicable to dividends from Approved Enterprises (15%), if the dividend is distributed out of the income derived in the tax exemption period. This tax must be withheld by the company at source, regardless of whether the dividend is converted into foreign currency. See Note 7 to the Consolidated Financial Statements.

In distributing dividends (if any), we may decide from which profits to declare such dividends for tax purposes in any given year. However, we are not obliged to distribute exempt retained profits under the alternative package of benefits, and we may generally decide from which year's profits to declare dividends. We intend to permanently reinvest the amount of our tax-exempt income and not to distribute such income as a dividend. In the event that we pay a dividend from income that is derived from our Approved Enterprise and, thus, is tax exempt, we would be required to pay tax at the rate which would have been applicable had we not elected the alternative package of benefits (generally 10%-25%, as described above), and to withhold 15% at source for the dividend recipient, on the amount distributed and the corporate tax thereon.

In 1994, our investment program in our Tel Aviv facility was approved as an Approved Enterprise under the Investments Law. We elected the alternative package of benefits in respect thereof. Our program for expansion of our Approved Enterprise to Jerusalem was submitted to the Investment Center for approval in October 1994 and the approval thereof was received in February 1995. As we selected the alternative package of benefits for our program, once we begin generating taxable net income we will be entitled to a tax exemption with respect to the additional income derived from that program for six years and will be taxed at a rate of 10%-25%, depending on the level of foreign investment, for one additional year. The period of benefits under such approvals expired in 2006. The approval provides that the tax rates on income allocated to our research and development and marketing and management activities (which are located in Tel Aviv) are to be determined by the Israeli tax authorities. The approval also provides that the six-year period may be extended to ten years if our application to the Investment Center for recognition as a "high technology" facility is approved. In this case we would not be entitled to an additional year at the 10%- 25% tax rate. In letters dated May 30, 1996 and June 16, 1996, the Israeli tax authorities provided that, for the purpose of determining our tax liability, our income will be allocated to our manufacturing plant (which is located in Jerusalem) and to our research and development center (in Tel Aviv), according to the formula described below. Income allocated to the manufacturing plant will benefit from a six-year tax exemption, and for the year immediately following, will be taxed at a rate of 10%-25%, depending on the level of foreign investment, or benefit from a ten year tax exemption, while income allocated to the research and development center will benefit from a two-year exemption and for a five-year period immediately following will be taxed at a 10%-25% rate. The tax authorities further provided that the income allocated to our research and development center will be in an amount equal to the expenses of such center (after deducting the grants from the Office of the Chief Scientist and adding royalties paid to the Office of the Chief Scientist as well as a pro rata portion of our general and administrative expenses) plus a certain portion of our profit derived from our industrial activities, calculated as follows. If we are not profitable, no profits before tax will be allocated to the research and development center. If profits do not exceed 35% of sales, the profits allocated to the research and development center will be at a rate equal to our rate of profits on our sales, plus 5%, up to a maximum of 35%. In the event that profits exceed 35% of sales, the research and development center will be allocated profits at a 35% rate. The letter also states that the Israeli tax authorities may reexamine the above arrangement in 1998 or when we are granted an approval for an additional expansion, whichever is earlier, based on development in the manufacturing plant, the number of employees employed therein and its location. Any such new arrangement would be applied only with respect to tax years following the year in which we were notified of an intention to reexamine the arrangement.

In December 1996, our request for a second expansion of our Approved Enterprise in Jerusalem was approved by the Investment Center. The investments relating to this expansion were completed as of April 15, 1998.

Each application to the Investment Center is reviewed separately and a decision as to whether or not to approve such application is based, among other things, on the then prevailing criteria set forth in the law, on the specific objectives of the applicant company set forth in such application and on certain financial criteria of the applicant company. Accordingly, there can be no assurance that any such application will be approved. In addition, the benefits available to an Approved Enterprise are conditional upon the fulfillment of certain conditions stipulated in the law and its regulations and the criteria set forth in the specific certificate of approval, as described above. In the event that these conditions are violated, in whole or in part, we would be required to refund the amount of tax benefits, with the

addition of the consumer price index linkage adjustment and interest.

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We believe our Approved Enterprise operates in substantial compliance with all such conditions and criteria although none of the tax benefits have been utilized by RADCOM to date. We cannot assure you that our program will continue to be approved and/or that we will continue to receive benefits for it at the current level, if at all. See “Item 3—Key Information—Risk Factors—Risks Relating to Our Location in Israel.”

Amendment of the Investments Law

On April 1, 2005, an amendment to the Investments Law went into effect. Pursuant to the amendment, a company’s facility will be granted the status of “Approved Enterprise” only if it is proven to be an industrial facility (as defined in the Investments Law) that contributes to the economic independence of the Israeli economy and is a competitive facility (as defined in the Investments Law) that contributes to the Israeli gross domestic product. The amendment provides that the Israeli Tax Authority and not the Investment Center will be responsible for an Approved Enterprise under the alternative package of benefits, referred to as a Benefited Enterprise. A company wishing to receive the tax benefits afforded to a Benefited Enterprise is required to select the tax year from which the period of benefits under the Investments Law are to commence by simply notifying the Israeli Tax Authority within 12 months of the end of that year. In order to be recognized as owning a Benefited Enterprise, a company is required to meet a number of conditions set forth in the amendment, including making a minimal investment in manufacturing assets for the Benefited Enterprise and having completed a cooling-off period of no less than three years from the company’s previous year of commencement of benefits under the Investments Law.

Pursuant to the amendment, a company with a Benefited Enterprise is entitled, in each tax year, to accelerated depreciation for the manufacturing assets used by the Benefited Enterprise and to certain tax benefits, provided that no more than 12 years have passed since the beginning of the year of election under the Investments Law. The tax benefits granted to a Benefited Enterprise are determined, as applicable to RADCOM, according to one of the following new tax routes:

- Similar to the currently available alternative route, exemption from corporate tax on undistributed income for a period of two to ten years is available, depending on the geographic location of the Benefited Enterprise within Israel, and a reduced corporate tax rate of 10 to 25% for the remainder of the benefits period, depending on the level of foreign investment in each year. Benefits may be granted for a term of from seven to ten years, depending on the level of foreign investment in the company. If the company pays a dividend out of income derived from the Benefited Enterprise during the tax exemption period, such income will be subject to corporate tax at the applicable rate (10%-25%). The company is required to withhold tax at the source at a rate of 15% from any dividends distributed from income derived from the Benefited Enterprise; and
- A special tax route enabling companies owning facilities in certain geographical locations (zone A) in Israel to pay corporate tax at the rate of 11.5% on income of the Benefited Enterprise. The benefits period is ten years. Upon payment of dividends, the company is required to withhold tax at source at a rate of 15% for Israeli residents and at a rate of 4% for foreign residents.

Generally, a company that is Abundant in Foreign Investment (as defined in the Investments Law) is entitled to an extension of the benefits period by an additional five years, depending on the rate of its income that is derived in foreign currency.

The amendment changes the definition of “foreign investment” in the Investments Law so that the definition now requires a minimal investment of NIS five million by foreign investors. Furthermore, such definition now also includes the purchase of shares of a company from another shareholder, provided that the company’s outstanding and paid-up share capital exceeds NIS five million. Such changes to the aforementioned definition retroactive from 2003.

The amendment will apply to Benefited Enterprise programs in which the year of election under the Investments Law is 2004 or later, unless such programs received “Approved Enterprise” approval from the Investment Center on or prior to December 31, 2004 in which case the amendment provides that terms and benefits included in any certificate of approval already granted will remain subject to the provisions of the law as they were on the date of such approval.

In December 2005, based on this amendment, we notified the Income Tax Authorities that 2004 fiscal year was chosen as the selected year for additional expansion of our Approved Enterprise.

Israeli Transfer Pricing Regulations

In November 2006, Israeli Income Tax Regulations (Determination of Market Terms), 2006, promulgated under Section 85A of the Israeli Income Tax Ordinance went into effect. Section 85A of the Israeli Income Tax Ordinance generally requires that all cross-border transactions carried out between related parties be conducted on arm’s length terms and be taxed accordingly.

United States Federal Income Tax Considerations

Subject to the limitations described herein, the following discussion summarizes certain U.S. federal income tax consequences to a U.S. Holder of our ordinary shares. A “U.S. Holder” means a holder of our ordinary shares who is:

- an individual who is a citizen or resident of the United States for U.S. federal income tax purposes;
- a corporation (or other entity taxable as a corporation for U.S. federal income tax purposes) created or organized in the United States or under the laws of the United States or any political subdivision thereof or the District of Columbia;
- an estate, the income of which is subject to U.S. federal income tax regardless of its source; or
- a trust (i) if, in general, a court within the United States is able to exercise primary supervision over its administration and one or more U.S. persons have the authority to control all of its substantial decisions, or (ii) that has in effect a valid election under applicable U.S. Treasury Regulations to be treated as a U.S. person.

Unless otherwise specifically indicated, this discussion does not consider the U.S. tax consequences to a person that is not a U.S. Holder (a “Non-U.S. Holder”). This discussion considers only U.S. Holders that will own our ordinary shares as capital assets (generally, for investment) and does not purport to be a comprehensive description of all of the tax considerations that may be relevant to each U.S. Holder’s person’s decision to purchase our ordinary shares.

This discussion is based on current provisions of the Internal Revenue Code of 1986, as amended (the “Code”), current and proposed Treasury Regulations promulgated thereunder, and administrative and judicial decisions as of the date hereof, all of which are subject to change, possibly on a retroactive basis. This discussion does not address all aspects of U.S. federal income taxation that may be relevant to any particular U.S. Holder in light of such holder’s individual

circumstances. In particular, this discussion does not address the potential application of the alternative minimum tax or U.S. federal income tax consequences to U.S. Holders that are subject to special treatment, including U.S. Holders that:

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- are broker-dealers or insurance companies;
- have elected mark-to-market accounting;
- are tax-exempt organizations or retirement plans;
- are financial institutions or “financial services entities;”
- hold our ordinary shares as part of a straddle, “hedge” or “conversion transaction” with other investments;
- acquired our ordinary shares upon the exercise of employee stock options or otherwise as compensation;
 - own directly, indirectly or by attribution at least 10% of our voting power;
 - have a functional currency that is not the U.S. dollar;
 - are grantor trusts;
 - are certain former citizens or long-term residents of the United States; or
 - are real estate investment trusts or regulated investment companies.

If a partnership (or any other entity treated as a partnership for U.S. federal income tax purposes) holds our ordinary shares, the tax treatment of the partnership and a partner in such partnership will generally depend on the status of the partner and the activities of the partnership. Such a partner or partnership should consult its own tax advisor as to its tax consequences.

In addition, this discussion does not address any aspect of state, local or non-United States laws or the possible application of United States federal gift or estate tax.

Each holder of our ordinary shares is advised to consult such person’s own tax advisor with respect to the specific tax consequences to such person of purchasing, holding or disposing of our ordinary shares, including the applicability and effect of federal, state, local and foreign income tax and other tax laws in such person’s particular circumstances.

Taxation of Ordinary Shares

Taxation of Distributions Paid on Ordinary Shares. Subject to the discussion below under “Passive Foreign Investment Company Status,” a U.S. Holder will be required to include in gross income as ordinary dividend income the amount of any distribution paid on our ordinary shares, including any non-U.S. taxes withheld from the amount paid, to the extent the distribution is paid out of our current or accumulated earnings and profits as determined for U.S. federal income tax purposes. Distributions in excess of such earnings and profits will be applied against and will reduce the U.S. Holder’s basis in our ordinary shares and, to the extent in excess of such basis, will be treated as gain from the sale or exchange of our ordinary shares. The dividend portion of such distributions generally will not qualify for the dividends received deduction available to corporations.

Subject to the discussion below under “Passive Foreign Investment Company Status,” dividends that are received by U.S. Holders that are individuals, estates or trusts will be taxed at the rate applicable to long-term capital gains (a maximum rate of 15% for taxable years beginning on or before December 31, 2010), provided that such dividends meet the requirements of “qualified dividend income.” For this purpose, qualified dividend income generally includes

dividends paid by a non-U.S. corporation if certain holding period and other requirements are met and either (i) the stock of the non-U.S. corporation with respect to which the dividends are paid is readily tradable on an established securities market in the U.S. (e.g., the NASDAQ Global Market and the NASDAQ Capital Market) or (ii) the non-U.S. corporation is eligible for benefits of a comprehensive income tax treaty with the United States, which benefits include an information exchange program and is determined to be satisfactory by the U.S. Secretary of the Treasury. The United States Internal Revenue Service (the "IRS") has determined that the U.S.-Israel Tax Treaty is satisfactory for this purpose. Dividends that fail to meet such requirements, and dividends received by corporate U.S. Holders, are taxed at ordinary income rates. No dividend received by a U.S. Holder will be a qualified dividend (i) if the U.S. Holder held the ordinary share with respect to which the dividend was paid for less than 61 days during the 121-day period beginning on the date that is 60 days before the ex-dividend date with respect to such dividend, excluding for this purpose, under the rules of Code Section 246(c), any period during which the U.S. Holder has an option to sell, is under a contractual obligation to sell, has made and not closed a short sale of, is the grantor of a deep-in-the-money or otherwise nonqualified option to buy, or has otherwise diminished its risk of loss by holding other positions with respect to, such ordinary share (or substantially identical securities); or (ii) to the extent that the U.S. Holder is under an obligation (pursuant to a short sale or otherwise) to make related payments with respect to positions in property substantially similar or related to the ordinary share with respect to which the dividend is paid. If we were to be a "passive foreign investment company" (as such term is defined in the Code) for any taxable year, dividends paid on our ordinary shares in such year or in the following taxable year would not be qualified dividends. In addition, a non-corporate U.S. Holder will be able to take a qualified dividend into account in determining its deductible investment interest (which is generally limited to its net investment income) only if it elects to do so; in such case the dividend will be taxed at ordinary income rates.

Distributions of current or accumulated earnings and profits paid in foreign currency to a U.S. Holder (including any non-U.S. taxes withheld therefrom) will be includible in the income of a U.S. Holder in a U.S. dollar amount calculated by reference to the exchange rate on the day the distribution is received. A U.S. Holder that receives a foreign currency distribution and converts the foreign currency into U.S. dollars subsequent to receipt may have foreign exchange gain or loss based on any appreciation or depreciation in the value of the foreign currency against the U.S. dollar, which will generally be U.S. source ordinary income or loss.

U.S. Holders will have the option of claiming the amount of any non-U.S. income taxes withheld at source either as a deduction from gross income or as a dollar-for-dollar credit against their U.S. federal income tax liability. Individuals who do not claim itemized deductions, but instead utilize the standard deduction, may not claim a deduction for the amount of the non-U.S. income taxes withheld, but such amount may be claimed as a credit against the individual's U.S. federal income tax liability. The amount of non-U.S. income taxes which may be claimed as a credit in any taxable year is subject to complex limitations and restrictions, which must be determined on an individual basis by each shareholder. These limitations include, among others, rules which limit foreign tax credits allowable with respect to specific classes of income to the U.S. federal income taxes otherwise payable with respect to each such class of income. A U.S. Holder will be denied a foreign tax credit with respect to non-U.S. income tax withheld from a dividend received on the ordinary shares if such U.S. Holder has not held the ordinary shares for at least 16 days of the 31-day period beginning on the date which is 15 days before the ex-dividend date with respect to such dividend, or to the extent such U.S. Holder is under an obligation to make related payments with respect to substantially similar or related property. Any days during which a U.S. Holder has substantially diminished its risk of loss on the ordinary shares are not counted toward meeting the required 16-day holding period. Distributions of current or accumulated earnings and profits generally will be foreign source passive income for United States foreign tax credit purposes; however, special rules will apply if we are a "United States-owned foreign corporation." In that case, distributions of current or accumulated earnings and profits will be treated as U.S. source and foreign source income in proportion to our earnings and profits in the year of the distribution allocable to U.S. and foreign sources. We will be treated as a U.S.-owned foreign corporation as long as stock representing 50% or more of the voting power or value of our ordinary shares is owned, directly or indirectly, by U.S. persons. Foreign taxes allocable to the portion of our distributions treated as from U.S. sources under these rules may not be creditable against a U.S. Holder's U.S. federal income tax liability on such portion.

Taxation of the Disposition of Ordinary Shares. Subject to the discussion below under “Passive Foreign Investment Company Status,” upon the sale, exchange or other disposition of our ordinary shares, a U.S. Holder will recognize capital gain or loss in an amount equal to the difference between such U.S. Holder’s basis in such ordinary shares, which is usually the cost of such shares, and the amount realized on the disposition. A U.S. Holder that uses the cash method of accounting calculates the U.S. dollar value of the proceeds received on the sale as of the date that the sale settles, while a U.S. Holder that uses the accrual method of accounting is required to calculate the value of the proceeds of the sale as of the “trade date,” unless such U.S. Holder has elected to use the settlement date to determine its proceeds of sale. Capital gain from the sale, exchange or other disposition of ordinary shares held more than one year is long-term capital gain, and is eligible for a reduced rate of taxation for individuals (currently a maximum rate of 15% for taxable years beginning on or before December 31, 2010). Gains recognized by a U.S. Holder on a sale, exchange or other disposition of ordinary shares generally will be treated as United States source income for U.S. foreign tax credit purposes. A loss recognized by a U.S. Holder on the sale, exchange or other disposition of ordinary shares generally is allocated to U.S. source income. The deductibility of a capital loss recognized on the sale, exchange or other disposition of ordinary shares is subject to limitations. A U.S. Holder that receives foreign currency upon disposition of ordinary shares and converts the foreign currency into U.S. dollars subsequent to the settlement date or trade date (whichever date the taxpayer was required to use to calculate the value of the proceeds of sale) may have foreign exchange gain or loss based on any appreciation or depreciation in the value of the foreign currency against the U.S. dollar, which will generally be U.S. source ordinary income or loss.

Passive Foreign Investment Company Status. We would be a passive foreign investment company (a “PFIC”) for 2007 if (taking into account certain “look-through” rules with respect to the income and assets of our corporate subsidiaries) either (i) 75 percent or more of our gross income for the taxable year was passive income or (ii) the average percentage (by value) of our total assets that are passive assets during the taxable year was at least 50 percent. As discussed below, we believe that we were not a PFIC for 2007.

If we were a PFIC, each U.S. Holder would (unless it made one of the elections discussed below on a timely basis) be taxable on gain recognized from the disposition of our ordinary shares (including gain deemed recognized if the ordinary shares are used as security for a loan) and upon receipt of certain excess distributions (generally, distributions that exceed 125% of the average amount of distributions in respect to such ordinary shares received during the preceding three taxable years or, if shorter, during the U.S. Holder’s holding period prior to the distribution year) with respect to our ordinary shares as if such income had been recognized ratably over the U.S. Holder’s holding period for the ordinary shares. The U.S. Holder’s income for the current taxable year would include (as ordinary income) amounts allocated to the current taxable year and to any taxable year period prior to the first day of the first taxable year for which we were a PFIC. Tax would also be computed at the highest ordinary income tax rate in effect for each other taxable year period to which income is allocated, and an interest charge on the tax as so computed would also apply. Additionally, if we were a PFIC, U.S. Holders who acquire our ordinary shares from decedents (other than nonresident aliens) would be denied the normally-available step-up in basis for such shares to fair market value at the date of death and, instead, would have a tax basis in such shares equal to the decedent’s basis, if lower.

As an alternative to the tax treatment described above, a U.S. Holder could elect to treat us as a “qualified electing fund” (a “QEF”), in which case the U.S. Holder would be taxed currently, for each taxable year that we are a PFIC, on its pro rata share of our ordinary earnings and net capital gain (subject to a separate election to defer payment of taxes, which deferral is subject to an interest charge). Special rules apply if a U.S. Holder makes a QEF election after the first taxable year in its holding period in which we are a PFIC. We have agreed to supply U.S. Holders with the information needed to report income and gain under a QEF election if we were a PFIC. Amounts includable in income as a result of a QEF election will be determined without regard to our prior year losses or the amount of cash distributions, if any, received from us. A U.S. Holder’s basis in its ordinary shares will increase by any amount included in income and decrease by any amounts not included in income when distributed because such amounts were previously taxed under the QEF rules. So long as a U.S. Holder’s QEF election is in effect with respect to the entire holding period for its ordinary shares, any gain or loss realized by such holder on the disposition of its ordinary shares

held as a capital asset ordinarily will be capital gain or loss. Such capital gain or loss ordinarily would be long-term if such U.S. Holder had held such ordinary shares for more than one year at the time of the disposition. For non-corporate U.S. Holders, long-term capital gain is generally subject to a maximum U.S. federal income tax rate of 15% for taxable years beginning on or before December 31, 2010. The QEF election is made on a shareholder-by-shareholder basis, applies to all ordinary shares held or subsequently acquired by an electing U.S. Holder and can be revoked only with the consent of the IRS.

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As an alternative to making a QEF election, a U.S. Holder of PFIC stock that is “marketable stock” (e.g., “regularly traded” on the NASDAQ Capital Market) may, in certain circumstances, avoid certain of the tax consequences generally applicable to holders of stock in a PFIC by electing to mark the stock to market as of the beginning of such U.S. Holder’s holding period for the ordinary shares. As a result of such an election, in any taxable year that we are a PFIC, a U.S. holder would generally be required to report gain or loss to the extent of the difference between the fair market value of the ordinary shares at the end of the taxable year and such U.S. Holder’s tax basis in its ordinary shares at that time. Any gain under this computation, and any gain on an actual disposition of the ordinary shares, would be treated as ordinary income. Any loss under this computation, and any loss on an actual disposition of the ordinary shares, generally would be treated as ordinary loss to the extent of the cumulative net-mark-to-market gain previously included. Any remaining loss from marking ordinary shares to market will not be allowed, and any remaining loss from an actual disposition of ordinary shares generally would be capital loss. A U.S. Holder’s tax basis in its ordinary shares is adjusted annually for any gain or loss recognized under the mark-to-market election. There can be no assurances that there will be sufficient trading volume with respect to the ordinary shares for the ordinary shares to be considered “regularly traded” or that our ordinary shares will continue to trade on the NASDAQ Capital Market. Accordingly, there are no assurances that our ordinary shares will be marketable stock for these purposes. As with a QEF election, a mark-to-market election is made on a shareholder-by-shareholder basis, applies to all ordinary shares held or subsequently acquired by an electing U.S. Holder and can only be revoked with consent of the IRS (except to the extent the ordinary shares no longer constitute “marketable stock”).

We believe that we were not a PFIC for 2007, 2006, 2005, 2004 or any year prior to 2001, based upon our income, assets, activities and market capitalization during each such year. Based upon independent valuations of our assets as of the end of each quarter of 2001, 2002 and 2003, we believe that we were not a PFIC for 2001, 2002 or 2003 despite the relatively low market price of our ordinary shares during much of those taxable years. The tests for determining PFIC status are applied annually and it is difficult to make accurate predictions of future income and assets or the future price of our ordinary share, which are all relevant to this determination. Accordingly, there can be no assurance that we will not become a PFIC. If we determine that we have become a PFIC, we will notify our U.S. Holders and provide them with the information necessary to comply with the QEF rules. U.S. Holders who hold ordinary shares during a period when we are a PFIC will be subject to the foregoing rules, even if we cease to be a PFIC, subject to certain exceptions for U.S. Holders who made a QEF, mark-to-market or certain other special elections. U.S. Holders are urged to consult their tax advisors about the PFIC rules, including the consequences to them of making a mark-to-market or QEF election with respect to our ordinary shares in the event that we qualify as a PFIC.

Tax Consequences for Non-U.S. Holders of Ordinary Shares

Except as described in “—Information Reporting and Back-up Withholding” below, a Non-U.S. Holder of ordinary shares will not be subject to U.S. federal income or withholding tax on the payment of dividends on, and/or the proceeds from the disposition of, our ordinary shares, unless, in the case of U.S. federal income taxes:

- such item is effectively connected with the conduct by the Non-U.S. Holder of a trade or business in the United States and, in the case of a resident of a country which has a treaty with the United States, such item is attributable to a permanent establishment or, in the case of an individual, a fixed place of business, in the United States; or
- the Non-U.S. Holder is an individual who holds the ordinary shares as a capital asset and is present in the United States for 183 days or more in the taxable year of the disposition and certain other conditions are met.

Information Reporting and Backup Withholding

U.S. Holders (other than exempt recipients, such as corporations) generally are subject to information reporting requirements with respect to dividends paid on, or proceeds from the disposition of, our ordinary shares. U.S. Holders are also generally subject to backup withholding (currently at a rate of 28%) on dividends paid on, or proceeds from the disposition of, our ordinary shares unless the U.S. Holder provides IRS Form W-9 or otherwise establishes an exemption.

Non-U.S. Holders generally are not subject to information reporting or back-up withholding with respect to dividends paid on, or upon the proceeds from the disposition of, our ordinary shares, provided that such Non-U.S. Holder provides taxpayer identification number, certifies to its foreign status, or otherwise establishes an exemption.

The amount of any back-up withholding will be allowed as a credit against a U.S. or Non-U.S. Holder’s U.S. federal income tax liability and may entitle such holder to a refund, provided that certain required information is furnished to the IRS.

F. DIVIDENDS AND PAYING AGENTS

Not applicable.

G. STATEMENT BY EXPERTS

Not applicable.

H. DOCUMENTS ON DISPLAY

We are required to file reports and other information with the SEC, under the Exchange Act and the regulations thereunder applicable to foreign private issuers. We are subject to the informational requirements of the Exchange Act, applicable to foreign private issuers and fulfill the obligation with respect to such requirements by filing reports with the SEC. You may read and copy any document we file with the SEC without charge at the SEC’s public reference room, located at 100 F Street, N.E ., Washington, D.C. 20549. Copies of such material may be obtained by mail from the Public Reference Branch of the SEC at such address, at prescribed rates. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room. In addition, some of our filings are available to the public at the SEC’s website (www.sec.gov). We also generally make available on our own web site (www.radcom.com) our annual reports as well as other information. Our website is not part of this annual report.

Any statement in this annual report about any of our contracts or other documents is not necessarily complete. If the contract or document is filed as an exhibit to this annual report, the contract or document is deemed to modify the description contained in this annual report. We urge you to review the exhibits themselves for a complete description of the contract or document.

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As a foreign private issuer, we are exempt from the rules under the Exchange Act prescribing the furnishing and content of proxy statements, and our officers, directors and principal shareholders are exempt from the reporting and “short-swing” profit recovery provisions contained in Section 16 of the Exchange Act. In addition, we are not required under the Exchange Act to file periodic reports and financial statements with the SEC as frequently or as promptly as United States companies whose securities are registered under the Exchange Act. A copy of each report submitted in accordance with applicable United States law is available for public review at our principal executive offices.

I. SUBSIDIARY INFORMATION

Not applicable.

ITEM 11. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We are exposed to a variety of risks, including changes in interest rates affecting primarily the interest received on short-term deposits and foreign currency fluctuations. We do not use derivative financial instruments. We may in the future undertake hedging or other similar transactions or invest in market risk sensitive instruments if our management determines that it is necessary to offset these risks.

Interest Rate Risk

Our exposure to market risks for changes in interest rates relates primarily to our cash and cash equivalents and to loans we take that are based on a floating/fixed interest rate. Our cash and cash equivalents are held substantially in U.S. dollars with financial banks and bear annual interest of approximately 2.95%. For purposes of specific risk analysis, we use sensitivity analysis to determine the impact that market risk exposure may have on the financial income derived from our cash and cash equivalents.

Foreign Currency Exchange Risk

Our financial results may be negatively impacted by foreign currency fluctuations. Our foreign operations are generally transacted through our U.S. subsidiary and through our representatives and distributors. Typically, these sales and related expenses are denominated in U.S. dollars or in Euro for European countries, while most of our expenses are denominated in NIS. Because our financial results are reported in U.S. dollars, our results of operations may be adversely impacted by fluctuations in the rates of exchange between the U.S. dollar and other currencies, mainly the NIS.

ITEM 12. DESCRIPTION OF SECURITIES OTHER THAN EQUITY SECURITIES

Not applicable

PART II

ITEM 13. DEFAULTS, DIVIDEND ARREARAGES AND DELINQUENCIES

Not applicable.

ITEM 14. MATERIAL MODIFICATIONS TO THE RIGHTS OF SECURITY HOLDERS AND USE OF PROCEEDS

Use of Proceeds

Initial Public Offering. The initial public offering of our ordinary shares, NIS 0.20 per share, commenced on September 24, 1997, and terminated after the sale of all the securities registered. On June 12, 1996, we filed this registration statement with the SEC on Form F-1 (File No. 333-05022); we filed amended F-1s on August 1, 1997, September 4, 1997 and September 12, 1997. The managing underwriters of the offering were Unterberg Harris, Pennsylvania Merchant Group Ltd. and Fahnstock & Co., Inc. We registered 661,250 ordinary shares in the offering, including shares issued pursuant to the exercise of the underwriter's over-allotment option. Of such shares, we sold 661,250 ordinary shares at an aggregate offering price of approximately \$25.1 million (\$38.00 per share). Under the terms of the offering, we incurred underwriting discounts and commissions of approximately \$1.7 million. We also incurred estimated expenses of \$1.3 million in connection with the offering. None of the expenses consisted of amounts paid directly or indirectly to any of our directors, officers, general partners or their associates, any persons owning 10% or more of any class of our equity securities or any of our affiliates. The net proceeds that we received as a result of the offering were approximately \$22.1 million. As of December 31, 2007, approximately \$0.4 million of the net proceeds has been used for the construction of facilities; \$8.3 million has been used for the purchase and installation of machinery and equipment; approximately \$0.3 million has been used for the repurchase of 30,843 of our ordinary shares; and approximately \$13.1 million has been used for operational expenditures.

Private Placement - 2004. In March 2004, we raised \$5.5 million in our PIPE transaction (i.e., the private placement of ordinary shares and warrants). For additional information on this PIPE transaction, see “Item 5—Operating and Financial Review and Prospects—Liquidity and Capital Resources—Private Placement.” Under the PIPE transaction, we issued, in March 2004, 962,885 of our ordinary shares at an aggregate purchase price of \$5.5 million, or \$5.712 per ordinary share. We also issued to the investors warrants to purchase up to 240,722 ordinary shares at an exercise price of \$9.012 per share. The warrants were exercisable for two years from the PIPE’s date of closing. As part of the private placement, we filed with the SEC a resale registration statement covering the shares purchased in the private placement (including the shares underlying the warrants); our F-3 (File No. 333-115475) was filed with the SEC on May 13, 2004, while our amended F-3/As were filed on October 15, 2004 and November 26, 2004. The registration was declared effective by the SEC on December 10, 2004. We incurred expenses of approximately \$189,000 in connection with the offering. Our net proceeds from the offering were approximately \$5.3 million. In 2005 and 2006, our investors exercised warrants to purchase 82,064 ordinary shares and 156,469 ordinary shares, respectively. Our net proceeds from these exercises were approximately \$725,000 and \$1.4 million, respectively. The net proceeds of the exercise of the warrants have been, and will continue to be, used for working capital and general corporate purposes, and in accordance with our budget, as it is periodically approved by our Board of Directors. As of December 31, 2007, approximately \$3.5 million has been used for operational expenditures.

Private Placement - 2008.

In February 2008, we raised \$2.5 million in our PIPE transaction (i.e., the private placement of ordinary shares and warrants). For additional information on this PIPE transaction, see “Item 8—Financial Information- Significant Changes—Private Placement.” Under the PIPE transaction, we issued, in February 2008, 976,563 of our ordinary shares at an aggregate purchase price of \$2.5 million, or \$2.56 per ordinary share. We also issued to the investors warrants to purchase up to 325,520 ordinary shares at an exercise price of \$3.20 per share. The warrants are exercisable for three years from the PIPE’s date of closing.

ITEM 15T. CONTROLS AND PROCEDURES

a. Disclosure Controls and Procedures

The Company’s management, with the participation of its chief executive officer and chief financial officer, evaluated the effectiveness of the Company’s disclosure controls and procedures over financial reporting (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act), as of December 31, 2007. Based on this evaluation, the Company’s chief executive officer and chief financial officer concluded that, as of December 31, 2007, the Company’s disclosure controls and procedures were: (1) designed to ensure that material information relating to the Company, including its consolidated subsidiaries, is accumulated and communicated to the Company’s management, including the Company’s chief executive officer and chief financial officer, and by others within those entities, as appropriate to allow timely decisions regarding required disclosure, particularly during the period in which this report was being prepared; and (2) effective, in that they provide reasonable assurance that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified by the SEC’s rules and forms.

b. Management's Annual Report on Internal Control Over Financial Reporting

The Company's management, under the supervision of the Company's principal executive and principal financial officers, is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is defined in Rule 13a-15(f) or 15d-15(f) of the Exchange Act as a process designed by, or under the supervision of, the Company's principal executive and principal financial officers and effected by the Company's Board of Directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles and includes those policies and procedures that: (1) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transaction and dispositions of the assets of the Company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the Company are being made only in accordance with authorizations of management and directors of the Company; (3) provide reasonable assurance that our receipts and expenditures are made only in accordance with authorizations of our management and Board of Directors (as appropriate); and (4) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Under the supervision and with the participation of Company's management, including its principal executive and financial officers, the Company conducted an evaluation, and assessed the effectiveness of, our internal control over financial reporting as of December 31, 2007, based on the framework set forth by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) in *Internal Control —Integrated Framework*.

Based on our assessment under that framework and the criteria established therein, our management concluded that, as of December 31, 2007, the Company's internal control over financial reporting was effective.

c. Attestation Report of the Registered Public Accounting Firm

This Annual Report does not include an attestation report of our registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by our registered public accounting firm pursuant to temporary rules of the SEC that permit us to provide only management's report in this Annual Report.

d. Changes in Internal Control Over Financial Reporting

There were no changes in the Company's internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act) that occurred during the year ended December 31, 2007 that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

ITEM 16A. AUDIT COMMITTEE FINANCIAL EXPERT

Our Board of Directors has determined that Zohar Gilon is our "audit committee financial expert" (as defined in the Instruction to paragraph (a) of Item 16A of Form 20-F) serving on our Audit Committee, as defined in the applicable regulations, including Item 16A(b) of Form 20-F. Mr. Gilon qualifies as an "independent" director under the NASDAQ rules.

ITEM 16B. CODE OF ETHICS

On February 1, 2004, our Board of Directors adopted a our Code of Ethics and Business Conduct, a code that applies to all our directors, officers and other employees of the Company, including our Chief Executive Officer and President, and our Chief Financial Officer and Vice President of Finance. A copy of the Code of Ethics and Business Conduct was filed as Exhibit 11 to our Annual Report on Form 20-F, filed with the SEC on May 6, 2004.

Our Code of Ethics is publicly also available on our website at www.radcom.com.

ITEM 16C. PRINCIPAL ACCOUNTANT FEES AND SERVICES

In the Company's annual meeting held in October 2007, our shareholders re-appointed Somekh Chaikin, an independent registered public accounting firm, a member of KPMG International, or KPMG Somekh Chaikin, to serve as our independent auditors.

KPMG Somekh Chaikin charged the following fees to us for professional services in each of the last two fiscal years:

	Year Ended December 31,	
	2007	2006
Audit Fees	\$ 120,000	\$ 110,000
Audit-Related Fees	-	-
Tax Fees	\$ 5,000	-
All Other Fees	-	-
Total	\$ 125,000	\$ 110,000

"Audit Fees" are the aggregate fees billed or billable (for the year) for the audit of our annual financial statements and reviews of interim financial statements that are normally provided in connection with statutory and regulatory filings or engagements.

"Audit-Related Fees" are the aggregate fees billed (for the year) for assurance and related services that are reasonably related to the performance of the audit or review of our financial statements and are not reported under Audit Fees.

"Tax Fees" are the aggregate fees billed (in the year) for professional services rendered for tax compliance.

Audit Committee's Pre-Approval Policies and Procedures

Our Audit Committee oversees our independent auditors. See also the description under the heading “Board Practices” in “Item 6—Directors, Senior Management and Employees.” Our Audit Committee’s policy is to approve any audit or permitted non-audit services proposed to be provided by our independent auditors before engaging our independent auditors to provide such services. Pursuant to this policy, which is designed to assure that such engagements do not impair the independence of our auditors, the Chairperson of our Audit Committee is authorized to approve any such services between the meetings of our Audit Committee, subject to ratification by the Audit Committee, and to report any such approvals to the Audit Committee at its next meeting.

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ITEM 16D. EXEMPTIONS FROM THE LISTING STANDARDS FOR AUDIT COMMITTEES

Not applicable.

ITEM 16E. PURCHASES OF EQUITY SECURITIES BY THE ISSUER AND AFFILIATED PURCHASERS

Not applicable.

PART III

ITEM 17. FINANCIAL STATEMENTS

We have responded to Item 18 in lieu of this item.

ITEM 18. FINANCIAL STATEMENTS

Our consolidated financial statements and the report of independent registered public accounting firm in connection therewith are filed as part of this Annual Report on Form 20-F, as noted below:

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ITEM 19. EXHIBITS

The exhibits filed with or incorporated into this Annual Report on Form 20-F are listed below.

Exhibit No.	Description
1.1	Memorandum of Association ⁽¹⁾
1.2	Articles of Association, as amended ⁽¹³⁾
2.1	Form of ordinary share certificate ⁽¹⁾
4.1	2000 Share Option Plan ⁽²⁾
4.2	1998 Employee Bonus Plan ⁽³⁾
4.3	1998 Share Option Plan ⁽⁴⁾
4.4	International Employee Stock Option Plan ⁽⁵⁾
4.5	Directors Share Incentive Plan (1997) ⁽⁶⁾
4.6	Key Employee Share Incentive Plan (1996) ⁽⁷⁾
4.7	2001 Share Option Plan ⁽⁸⁾
4.8	2003 Share Option Plan ⁽⁹⁾
4.9	Lease Agreement, dated November 15, 2000, among Vitalgo Textile Industries Ltd., Zisapel Properties (1992) Ltd., Klil and Michael Properties (1992) Ltd. and RADCOM Ltd. (English summary accompanied by Hebrew original) ⁽¹⁰⁾
4.10	Lease Agreement, dated March 1, 2001, among Zisapel Properties (1992) Ltd., Klil and Michael Properties (1992) Ltd. and RADCOM Ltd. (English summary accompanied by Hebrew original) ⁽¹⁰⁾
4.11	Lease Agreement, dated August 12, 1998, between RAD Communications Ltd. and RADCOM Ltd. (English summary accompanied by Hebrew original) ⁽¹⁰⁾
4.12	Lease Agreement, dated December 1, 2000, among Zohar Zisapel Properties, Inc., Yehuda Zisapel Properties, Inc. and RADCOM Equipment, Inc. ⁽¹⁰⁾
4.13	Lease Agreement, dated January 22, 2002, between Regus Business Centre and RADCOM Ltd. ⁽¹¹⁾
4.14	Software License Agreement, dated as of January 13, 1999, between RADVision, Ltd. and RADCOM Ltd., and Supplement No. 1 thereto, dated as of January 24, 2001 ⁽¹⁰⁾
4.15	

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Share and Warrant Purchase Agreement, dated as of March 17, 2004, by and between RADCOM Ltd. and the purchasers listed therein⁽¹²⁾

4.16 Form of Warrant⁽¹²⁾

4.17 Share and Warrant Purchase Agreement, dated as of December 19, 2007, by and between RADCOM Ltd. and the purchasers listed therein⁽¹³⁾

4.18 Form of Warrant - Share and Warrant Purchase Agreement dated December 19, 2007⁽¹³⁾

4.19 Loan Agreement, dated as of April 1, 2008, by and between RADCOM Ltd., Plenus Management (2004) and the other parties thereto⁽¹³⁾

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Exhibit No.	Description
4.20	Fixed Charge Agreement, dated as of April 1, 2008, by and between RADCOM Ltd., Plenus Management (2004) and the other parties thereto ⁽¹³⁾
4.21	Floating Charge Agreement, dated as of April 1, 2008, by and between RADCOM Ltd., Plenus Management (2004) and the other parties thereto ⁽¹³⁾
4.22	Security Agreement, dated as of April 1, 2008, by and between RADCOM Equipment Inc., Plenus Management (2004) and the other parties thereto ⁽¹³⁾
4.23	Form of Warrant - Loan Agreement, dated as of April 1, 2008 ⁽¹³⁾
8.1	List of Subsidiaries ⁽¹³⁾
11.1	Code of Ethics ⁽¹²⁾
12.1	Certification of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 ⁽¹³⁾
12.2	Certification of the Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 ⁽¹³⁾
13.1	Certification of the Chief Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 ⁽¹³⁾
13.2	Certification of the Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 ⁽¹³⁾
14.1	Consent of KPMG Somekh Chaikin, a member firm of KPMG International, dated June 27, 2007 ⁽¹³⁾

⁽¹⁾Incorporated herein by reference to the Registration Statement on Form F-1 of RADCOM Ltd. (File No. 333-05022), filed with the SEC on June 12, 1996.

⁽²⁾Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-13244), filed with the SEC on March 7, 2001.

⁽³⁾Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-13246), filed with the SEC on March 7, 2001.

⁽⁴⁾Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-13248) filed with the SEC on March 7, 2001.

⁽⁵⁾Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-13250), filed with the SEC on March 7, 2001.

⁽⁶⁾Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-13254), filed with the SEC on March 7, 2001.

- (7) Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-13252), filed with the SEC on March 7, 2001.
- (8) Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-14236), filed with the SEC on December 28, 2001.
- (9) Incorporated herein by reference to the Registration Statement on Form S-8 of RADCOM Ltd. (File No. 333-111931), filed with the SEC on January 15, 2004.
- (10) Incorporated herein by reference to the Form 20-F of RADCOM Ltd. for the fiscal year ended December 31, 2000, filed with the SEC on June 29, 2001.

⁽¹¹⁾Incorporated herein by reference to the Form 20-F of RADCOM Ltd. for the fiscal year ended December 31, 2001, filed with the SEC on March 27, 2002.

⁽¹²⁾Incorporated herein by reference to the Form 20-F of RADCOM Ltd. for the fiscal year ended December 31, 2003, filed with the SEC on May 6, 2004.

⁽¹³⁾ Filed herewith.

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SIGNATURE

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F and that it has duly caused and authorized the undersigned to sign this annual report on its behalf.

RADCOM LTD.

By: */s/ David
Ripstein*

Name: David Ripstein

Title: Chief Executive
Officer

Date: June 30, 2008

**Radcom Ltd.
and its Subsidiaries**

Consolidated Financial Statements

**As of December 31, 2007 and 2006
and for the years ended December 31, 2007, 2006 and 2005**

**Consolidated Financial Statements as of December 31, 2007 and 2006
and for the years ended December 31, 2007, 2006 and 2005**

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Report of Independent Registered Public Accounting Firm

To the Board of Directors and Shareholders
Radcom Ltd.

We have audited the accompanying consolidated balance sheets of Radcom Ltd. (an Israeli Corporation) and its subsidiaries (collectively, the "Company") as of December 31, 2007 and 2006, and the related consolidated statements of operations, shareholders' equity and comprehensive income (loss) and cash flows for each of the years in the three-year period ended December 31, 2007. These consolidated financial statements are the responsibility of the Company's Board of Directors and of its management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits.

We conducted our audits in accordance with the Standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the board of directors and management, as well as evaluating the overall financial statements presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Radcom Ltd. and its subsidiaries as of December 31, 2007 and 2006 and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2007, in conformity with U.S. generally accepted accounting principles.

As explained in Note 2P to the consolidated financial statements, effective January 1, 2006, the Company changed its method of accounting for share-based compensation upon adoption of Statement of Financial Accounting Standards No. 123(R), "Share-Based Payment".

Somekh Chaikin
Certified Public Accountants (Isr.)
Member Firm of KPMG International

Tel Aviv, Israel

June 30, 2008

Radcom Ltd. (An Israeli Corporation)
and its subsidiaries

Consolidated Balance Sheets

	December 31	
	2007 US\$ thousands	2006 US\$ thousands
Assets		
Current Assets		
Cash and cash equivalents (Note 8A1)	3,763	2,007
Short-term deposits (Note 8A2)	-	8,060
Trade receivables, net (Note 8A3)	6,589	10,461
Inventories (Note 8A4)	3,454	2,675
Other current assets (Note 8A5)	1,150	955
Total current assets	14,956	24,158
Assets held for severance benefits (Note 4)	2,480	2,187
Property and equipment, net (Note 3)	1,460	1,408
Total Assets	18,896	27,753

Radcom Ltd. (An Israeli Corporation)
and its subsidiaries

Consolidated Balance Sheets

	December 31	
	2007	2006
	US\$ thousands	US\$ thousands
Liabilities and Shareholders' Equity		
Current Liabilities		
Trade payables	1,392	2,551
Current deferred revenue	1,593	1,534
Other payables and accrued expenses (Note 8A6)	4,668	4,290
Total current liabilities	7,653	8,375
Long-Term Liabilities		
Long-term deferred revenue	425	1,109
Liability for employees severance pay benefits (Note 4)	3,240	2,896
Total long-term liabilities	3,665	4,005
Total liabilities	11,318	12,380
Commitments and contingencies (Note 5)		
Shareholders' Equity (Note 6)		
Share capital *	122	120
Additional paid-in capital	48,328	47,542
Accumulated deficit	(40,872)	(32,289)
Total shareholders' equity	7,578	15,373
Total Liabilities and Shareholders' Equity	18,896	27,753

Zohar Zisapel
Chairman of the Board of Directors

David Ripstein
Chief Executive Officer

Jonathan Burgin
Chief Financial Officer

Date: June 30, 2008

*9,997,670 Ordinary Shares of NIS 0.20 par value ("Ordinary Shares") authorized as of December 31, 2007 and 2006, respectively; 4,091,222 and 4,058,069 Ordinary Shares issued and outstanding as of December 31, 2007 and 2006, respectively.

The accompanying notes are an integral part of the consolidated financial statements.

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Radcom Ltd. (An Israeli Corporation)
and its subsidiaries

Consolidated Statements of Operations

	Year ended December 31		
	2007	2006	2005
	US\$ thousands	US\$ thousands	US\$ thousands
	Except per share amounts		
Revenues (Note 8B1):			
Products	10,158	20,641	20,514
Services	3,339	2,900	1,826
	13,497	23,541	22,340
Cost of revenues:			
Products	4,927	7,213	7,290
Services	466	183	108
	5,393	7,396	7,398
Gross profit	8,104	16,145	14,942
Operating expenses:			
Research and development	7,378	6,826	5,815
Less - royalty-bearing participation (Note 5A1)	2,096	1,904	1,735
Research and development, net	5,282	4,922	4,080
Sales and marketing	9,279	9,196	7,881
General and administrative	2,391	2,553	1,689
Total operating expenses	16,952	16,671	13,650
Operating income (loss)	(8,848)	(526)	1,292
Financing income, net (Note 8B2):			
Financing income	280	497	270
Financing expenses	(15)	(25)	(35)
Financing income, net	265	472	235
Income (loss) before taxes on income	(8,583)	(54)	1,527
Taxes on income (Note 7)	-	-	-
Net income (loss) for the year	(8,583)	(54)	1,527
Income (loss) per share :			
Basic net income (loss) per Ordinary Share (US\$)	(2.10)	(0.01)	0.42

Diluted net income (loss) per Ordinary Share (US\$)	(2.10)	(0.01)	0.39
Weighted average number of Ordinary Shares used to compute basic net income (loss) per Ordinary Share	4,084,789	3,973,509	3,674,023
Weighted average number of Ordinary Shares used to compute diluted net income (loss) per Ordinary Share	4,084,789	3,973,509	3,890,396

The accompanying notes are an integral part of the consolidated financial statements.

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Radcom Ltd. (An Israeli Corporation)
and its subsidiaries

Consolidated Statements of Shareholders' Equity and Comprehensive Income (Loss)

	Share capital		Accumulated			Total Shareholders' equity US\$ (thousands)
	Number of shares	Amount US\$ (thousands)	Additional paid-in capital US\$ (thousands)	other comprehensive loss US\$ (thousands)	Accumulated deficit US\$ (thousands)	
Balance as of January 1, 2005	3,609,587	101	43,698	(13)	(33,762)	10,024
Changes during 2005:						
Net income for the year	-	-	-	-	1,527	1,527
Reclassification adjustment for loss on available for sale included in net income	-	-	-	13	-	13
Comprehensive income						1,540
Employees' stock option compensation	-	-	12	-	-	12
Exercise of options	47,968	2	182	-	-	184
Exercise of warrants, net of issuance expenses of US\$14 thousand	82,064	4	721	-	-	725
Balance as of December 31, 2005	3,739,619	107	44,613	-	(32,235)	12,485
Changes during 2006:						
Net loss and comprehensive loss for the year	-	-	-	-	(54)	(54)
Employees' stock option compensation	-	-	558	-	-	558
Exercise of options	161,981	7	967	-	-	974
Exercise of warrants	156,469	6	1,404	-	-	1,410
Balance as of December 31, 2006	4,058,069	120	47,542	-	(32,289)	15,373
Changes during 2007:						
Net loss and comprehensive loss for the year	-	-	-	-	(8,583)	(8,583)
Employees' stock						

option compensation	-	-	564	-	-	564
Exercise of options	33,153	2	222	-	-	224
Balance as of						
December 31, 2007	4,091,222	122	48,328	-	(40,872)	7,578

The accompanying notes are an integral part of the consolidated financial statements.

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Consolidated Statements of Cash Flows

	Year ended December 31		
	2007 US\$ thousands	2006 US\$ thousands	2005 US\$ thousands
Cash flows from operating activities:			
Net income (loss) for the year	(8,583)	(54)	1,527
Adjustments to reconcile net income (loss) to net cash provided by (used in) operating activities:			
Depreciation	687	603	579
Increase in value and accrued interest from marketable securities	-	-	5
Decrease (increase) of accrued interest on short-term bank deposits	73	(73)	-
Loss from sale of property and equipment	-	7	-
Employees' stock option compensation	564	558	12
Increase (decrease) in severance pay, net	51	135	(44)
Decrease (increase) in trade receivables, net	3,872	(2,605)	(2,515)
Increase (decrease) in deferred revenue	(625)	(63)	1,234
Decrease (increase) in other current assets	(195)	(575)	500
Decrease (increase) in inventories	(1,141)	(1,180)	143
Increase (decrease) in trade payables	(1,099)	380	138
Increase (decrease) in other payables and accrued expenses	378	276	(190)
Net cash provided by (used in) operating activities	(6,018)	(2,591)	1,389
Cash flows from investing activities:			
Proceeds from sale of marketable securities	-	-	2,000
Investment in short-term deposits	(2,515)	(7,987)	-
Proceeds from short-term deposits	10,502	-	-
Proceeds from sale of property and equipment	-	8	-
Purchase of property and equipment	(437)	(327)	(336)
Net cash provided by (used in) investing activities	7,550	(8,306)	1,664

The accompanying notes are an integral part of the consolidated financial statements.

Radcom Ltd. (An Israeli Corporation)
and its subsidiaries

Consolidated Statements of Cash Flows (cont'd)

	Year ended December 31		
	2007	2006	2005
	US\$ thousands	US\$ thousands	US\$ thousands
Cash flows from financing activities:			
Exercise of warrants	-	1,410	725
Exercise of options	224	974	184
Net cash provided by financing activities	224	2,384	909
Increase (decrease) in cash and cash equivalents	1,756	(8,513)	3,962
Cash and cash equivalents at beginning of year	2,007	10,520	6,558
Cash and cash equivalents at end of year	3,763	2,007	10,520

Schedule A - Non-Cash Investing Activities

Purchase of property and equipment on credit aggregate US\$12 thousand, US\$72 thousand and US\$49 thousand for the years ended December 31, 2007, 2006 and 2005, respectively.

Inventories capitalized as fixed assets aggregate US\$362 thousand, US\$443 thousand and US\$319 thousand for the years ended December 31, 2007, 2006 and 2005, respectively.

The accompanying notes are an integral part of the consolidated financial statements.

Notes to the Consolidated Financial Statements as of December 31, 2007

Note 1 - General

Radcom Ltd. (the "Company") is an Israeli corporation that operates in one business segment of communication networks. The Company provides innovative network test and service monitoring solutions for communications service providers and equipment vendors. The Company specializes in Next Generation Wireless and Wireline technologies for Voice, Data and Video. The Company's products facilitate fault management, network service performance monitoring and analysis, troubleshooting and pre-mediation. RADCOM' shares are listed on both the NASDAQ Capital Market and the Tel Aviv Stock Exchange under the symbol RDCM.

The Company has a wholly-owned subsidiary in the United States, Radcom Equipment, Inc. (the "US Subsidiary"), which was incorporated in 1993 under the laws of the State of New Jersey. The US Subsidiary is primarily engaged in the selling and marketing of the Company's products in North America.

In addition, the Company has two other subsidiaries, one in the United Kingdom and one in Israel. As of December 31, 2007, these subsidiaries had no business activities.

Note 2 - Significant Accounting Policies

The financial statements are presented in accordance with United States generally accepted accounting principles (GAAP).

The significant accounting policies followed in the preparation of the financial statements, applied on a consistent basis, are as follows:

A. Certain definitions

CPI - Israeli Consumer Price Index

NIS - New Israeli Shekel

B. Financial statements in US dollars ("dollar" or "dollars")

Most of the Company's sales are denominated in dollars and are made outside Israel (see Note 8B1 regarding geographical distribution). Most purchases of materials and components, and most marketing costs, are incurred, primarily in transactions denominated in dollars. Therefore, the currency of the primary economic environment in which the operations of the Company are conducted is the United States dollar, which is used as the functional currency of the Company.

Transactions and balances originally denominated in dollars are presented at their original amounts. Transactions and balances in other currencies are remeasured into dollars in accordance with the principles set forth in Statement of Financial Accounting Standards ("SFAS") No.52.

All exchange gains and losses from remeasurement of monetary balance sheet items denominated in non-dollar currencies are reflected in the consolidated statement of operations when they arise.

Amounts in the financial statements representing the dollar equivalent of balances denominated in other currencies do not necessarily represent their real or economic value and such amounts may not necessarily be exchangeable for dollars.

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Notes to the Consolidated Financial Statements as of December 31, 2007

Note 2 - Significant Accounting Policies (cont'd)**C. Estimates and assumptions**

The preparation of the consolidated financial statements in conformity with US GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the consolidated financial statements, and the reported amounts of revenue and expenses during the reporting years. Actual results may vary from these estimates. Estimates and assumptions are periodically reviewed and the effects of any material revisions are reflected in the period that they are determined to be necessary.

D. Principles of consolidation

The consolidated financial statements include the financial statements of the Company and its subsidiaries. All intercompany transactions and balances have been eliminated in consolidation.

E. Cash and cash equivalents

The Company considers all highly liquid deposit instruments purchased with an original maturity of three months or less at the date of purchase to be cash equivalents.

F. Marketable securities

In accordance with SFAS No. 115, "Accounting for Certain Investments in Debt and Equity Securities", during 2005 the Company classified all its marketable securities as available-for-sale. Such marketable securities were stated at market value.

Unrealized gains and losses were reported as a separate component of shareholders' equity and comprehensive income (loss). Interest income was included in financing income. Realized gains and losses were included in financing income.

G. Trade receivables, net

Trade receivables are recorded net of an allowance for doubtful accounts receivable. Management considers current information and events regarding the customers' ability to repay their obligations in estimating and establishing the allowance for doubtful accounts receivable.

The balance sheet allowance for doubtful accounts receivable for all of the reported periods through December 31, 2007 is determined as a specific amount for those accounts for which collection is uncertain.

Notes to the Consolidated Financial Statements as of December 31, 2007

Note 2 - Significant Accounting Policies (cont'd)**H. Inventories**

Inventories are stated at the lower of cost or market. Cost is determined on a "moving average" basis. Inventory write-downs are provided to cover technological obsolescence, excess inventories and discontinued products.

I. Assets held for severance benefits

Assets held for employee severance benefits represent contributions to severance pay funds and cash surrender value of life insurance policies that are recorded at their current redemption value.

J. Property and equipment

Property and equipment are stated at cost less accumulated depreciation. Maintenance and repairs are charged to operations as incurred.

Products used for research and development (unless no alternative future use exists) and demonstration equipment are capitalized at cost or, when applicable, at production costs.

Depreciation is calculated on the straight-line method over the estimated useful lives of the assets.

Annual rates of depreciation are as follows:

	%
Demonstration and rental equipment	33
Research and development equipment	25 - 50
Motor vehicles	15
Manufacturing equipment	15 - 33
Office furniture and equipment	7 - 33
Leasehold improvements	*

* At the shorter of the lease period or useful life of the leasehold improvement.

K. Impairment of long-lived assets

The Company's long-lived assets (including intangible assets) are reviewed for impairment in accordance with SFAS No. 144 "Accounting for the Impairment or Disposal of Long-Lived Assets", whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of an asset to be

held and used is assessed by a comparison of the carrying amount of the asset to the future undiscounted cash flows expected to be generated by the asset. If such asset is considered to be impaired, the impairment to be recognized is measured by the amount by which the carrying amount of the asset exceeds its fair value. As of December 31, 2007, no impairment losses had been identified.

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Notes to the Consolidated Financial Statements as of December 31, 2007

Note 2 - Significant Accounting Policies (cont'd)**L. Revenue recognition**

1. Revenue from product sales is recognized in accordance with Statement of Position ("SOP") 97-2, "Software Revenue Recognition", when the following criteria are met: (1) persuasive evidence of an arrangement exists, (2) delivery has occurred, (3) the vendor's fee is fixed or determinable and (4) collectibility is probable. Amounts received from customers prior to product shipments are classified as advances from customers. With its products, the Company provides a one-year warranty, which includes bug fixing and a hardware warranty ("the Warranty"). The Company records an appropriate provision for Warranty in accordance with SFAS No. 5, "Accounting for Contingencies".
2. After the Warranty period initially provided with the Company's products, the Company may sell extended warranty contracts, which includes bug fixing and a hardware warranty. In such cases, revenues attributable to the extended warranty are deferred at the time of the initial sale and recognized ratably over the extended contract warranty period.
3. Most of the Company's revenues are generated from sales to independent distributors. The Company has a standard contract with its distributors. Based on this agreement, sales to distributors are final and distributors have no rights of return or price protection. The Company is not a party to the agreements between distributors and their customers.
4. The Company also generates sales through independent representatives. These representatives do not hold any of the Company's inventories, and they do not buy products from the Company. The Company invoices the end-user customers directly, collects payment directly and then pays commissions to the representative for the sales in its territory. The Company reports sales through independent representatives on a gross basis, based on the indicators of the Emerging Issues Task Force ("EITF") No. 99-19, "Reporting Revenue Gross as a Principal versus Net as an Agent".

M. Research and development costs

1. Research and development costs are expensed as incurred.
2. The Company applies the provisions of SFAS No. 86, "Accounting for Costs of Computer Software to be Sold, Leased or Otherwise Marketed". Expenditures incurred during the period between attaining technological feasibility and general release of the associated product are deferred and amortized over the estimated product life, however the expenditures incurred to date have been immaterial and accordingly, such costs have been expensed in the period incurred.

Notes to the Consolidated Financial Statements as of December 31, 2007

Note 2 - Significant Accounting Policies (cont'd)**N. Government grants**

The Company receives royalty-bearing participation, which represents participation of the Government of Israel (specifically, the Office of the Chief Scientist - the "OCS") in approved programs for research and development. These amounts are recognized on the accrual basis as a reduction of research and development costs as such costs are incurred. Royalties to the OCS are recorded in cost of sales, when the related sales are recognized. See also Note 5A.

O. Allowance for product warranty

The Company's policy is to grant a product warranty for a period of up to 12 months on its products. The provision for warranties for all periods through December 31, 2007, is determined based upon the Company's past experience.

The followings are the changes in the liability for product warranty from January 1, 2006 to December 31, 2007:

	US\$ (in thousands)
Balance at January 1, 2006	229
Accrual for warranties issued during the year	422
Reduction for payments and costs to satisfy claims	(296)
Balance at December 31, 2006	355
Accrual for warranties issued during the year	193
Reduction for payments and costs to satisfy claims	(328)
Balance at December 31, 2007	220

P. Share-based compensation

On January 1, 2006, the Company adopted SFAS No. 123 (revised 2004), "Share-Based Payment" ("SFAS No. 123(R)"), which requires the measurement and recognition of compensation expense for all share-based payment awards made to employees and directors based on estimated fair values. SFAS No. 123(R) supersedes the Company's previous accounting under Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees" ("APB 25") for periods beginning in fiscal 2006. In March 2005, the United States Securities and Exchange Commissions (the "SEC") issued Staff Accounting Bulletin No. 107 ("SAB 107") which relates to SFAS No. 123(R). The Company has applied the provisions of SAB 107 in its adoption of SFAS No. 123(R). The Company adopted SFAS No. 123(R) using the modified prospective transition method, which requires the application of the accounting standard as of January 1, 2006. In accordance with the modified prospective transition method, the Company's consolidated financial statements for prior periods have not been restated to reflect, and do not include, the impact of SFAS No. 123(R).

Share-based compensation expense recognized under SFAS No. 123(R) for fiscal 2007 and 2006 was US\$564 thousand and US\$558 thousand, respectively.

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Notes to the Consolidated Financial Statements as of December 31, 2007**Note 2 - Significant Accounting Policies (cont'd)****P. Share-based compensation (cont'd)**

SFAS No. 123 (R) requires companies to estimate the fair value of share-based payment awards on the grant date using an option-pricing model. The value of the portion of the award that is ultimately expected to vest is recognized as expense over the requisite service periods in the Company's consolidated statements of operations. Prior to the adoption of SFAS No. 123 (R), the Company accounted for share-based awards to employees and directors using the intrinsic value method in accordance with APB 25 as allowed under SFAS No. 123, "Accounting for Stock-Based Compensation" ("SFAS No. 123).

SFAS No. 123 (R) requires forfeitures to be estimated at the time of grant in order to estimate the amount of share-based awards that will ultimately vest. The estimate is based on the Company's historical rates of forfeiture. Share-based compensation expense recognized in the Company's consolidated statement of operations for fiscal 2006 and 2007 includes (i) compensation expense for share-based payment awards granted prior to, but not yet vested as of December 31, 2005, based on the grant-date fair value estimated in accordance with the pro forma provisions of SFAS No. 123 and (ii) compensation expense for the share-based payment awards granted subsequent to December 31, 2005, based on the grant-date fair value estimated in accordance with the provisions of SFAS No. 123 (R).

Since share-based compensation expense recognized in the consolidated statements of operations for fiscal 2007 and 2006 is based on awards ultimately expected to vest, it has been reduced for estimated forfeitures.

The following table illustrates the effect on net income and income per share if the Company had applied the fair value recognition provisions of SFAS No. 123 to options granted under the Company's stock option plans in fiscal 2005. For purposes of this pro forma disclosure, the value of the options is estimated using a Black-Scholes option-pricing model and is amortized to expense over the options' vesting period.

	Year ended December 31 2005 US\$ thousands Except per share amounts
Net income as reported	1,527
Add: compensation expenses according to APB 25 included in the reported net income	12
Deduct: compensation expenses according to SFAS No. 123	(669)
Net income - pro forma	870

Basic net income per ordinary share as reported (US\$)	0.42
Pro forma basic net income per ordinary share (US\$)	0.24
Diluted net income per ordinary share as reported (US\$)	0.39
Pro forma diluted net income per ordinary share (US\$)	0.22

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Notes to the Consolidated Financial Statements as of December 31, 2007

Note 2 - Significant Accounting Policies (cont'd)**Q. Deferred income taxes**

The Company accounts for income taxes in accordance with SFAS No. 109, "Accounting for Income Taxes". Deferred tax asset and liability account balances are recognized for the future tax consequences attributable to differences between the financial statements carrying amounts of existing assets and liabilities and their respective tax bases, and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in the consolidated statement of operations in the period that includes the enactment date. The Company provides a valuation allowance to reduce deferred tax assets to the extent it believes it is more likely than not that such benefits will not be realized. Beginning with the adoption of FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes (FIN 48) as of January 1, 2007, the Company recognizes the effect of income tax positions only if those positions are more likely than not of being sustained. Recognized income tax positions are measured at the largest amount that is greater than 50% likely of being realized. Changes in recognition or measurement are reflected in the period in which the change in judgment occurs. Prior to the adoption of FIN 48, the Company recognized the effect of income tax positions only if such positions were probable of being sustained.

R. Income (loss) per share

Basic and diluted income (loss) per ordinary share are presented in conformity with SFAS No. 128 "Earnings Per Share", for all years presented. Basic income (loss) per ordinary share is computed by the dividing net income (loss) for each reporting period by the weighted average number of common shares outstanding during the period. Diluted income (loss) per common share is computed by dividing net income (loss) for each reporting period by the weighted average number of common shares outstanding during the period plus any additional common shares that would have been outstanding if potentially dilutive securities had been exercised during the period, calculated under the treasury stock method.

Due to the net loss incurred in fiscal 2007 and 2006, the diluted loss per share was the same as basic, because any potentially dilutive securities would have reduced the loss per share.

In 2005, the total number of shares relating to outstanding options and warrants included in the calculation of the diluted income per share was 201,358 and 15,015, respectively, using the treasury stock method.

Certain securities (as of December 31, 2007: 773,889 stock options; as of December 31, 2006: 667,455 stock options; as of December 31, 2005: 249,011 stock options and 89,724 warrants) were not included in the computation of diluted earning (loss) per share since they were anti-dilutive.

S. Treasury shares

Notes to the Consolidated Financial Statements as of December 31, 2007**Note 3 - Property and Equipment, Net**

A. Composition of assets, grouped by major classification, is as follows:

	December 31	
	2007	2006
	US\$ thousands	US\$ thousands
Cost		
Demonstration and rental equipment	2,067	2,039
Research and development equipment	3,697	3,604
Motor vehicles	3	3
Manufacturing equipment	1,438	1,310
Office furniture and equipment	1,051	1,104
Leasehold improvements	384	338
	8,640	8,398
Accumulated depreciation		
Demonstration and rental equipment	1,889	1,828
Research and development equipment	2,970	2,921
Motor vehicles	3	2
Manufacturing equipment	1,151	1,055
Office furniture and equipment	910	957
Leasehold improvements	257	227
	7,180	6,990
	1,460	1,408

B. Depreciation expenses amounted to US\$687 thousand, US\$603 thousand and US\$579 thousand for the years ended December 31, 2007, 2006 and 2005, respectively.

Note 4 - Liability for Employees Severance Pay Benefits

The Company's liability for severance pay for its Israeli employees is calculated pursuant to Israeli severance pay law based on the most recent salary of the employees multiplied by the number of years of employment as of the balance sheet date. After completing one full year of employment, the Company's Israeli employees are entitled to one month's salary for each year of employment or a portion thereof. The Company's liability is partially provided by monthly deposits with severance pay funds, insurance policies and by an accrual. The liability for employee severance pay benefits included in the balance sheet represents the total liability for such severance benefits, while the assets held for severance benefits included in the balance sheet represent the Company's contributions to severance pay funds and to insurance policies.

The Company may make withdrawals from the funds only upon complying with the Israeli severance pay law or labor agreements. Severance pay expenses for the years ended December 31, 2007, 2006 and 2005 amounted to US\$766 thousand, US\$725 thousand and US\$434 thousand, respectively.

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Notes to the Consolidated Financial Statements as of December 31, 2007

Note 5 - Commitments and Contingencies**A. Royalty commitments**

1. The Company received research and development grants from the OCS. In consideration for the research and development grants received from the OCS, the Company has undertaken to pay royalties as a percentage on revenues from products developed from research and development projects financed. Royalty rates were 3.5% in 2004 and subsequent years. If the Company will not generate sales of products developed with funds provided by the OCS, the Company is not obligated to pay royalties or repay the grants.

Royalties are payable from the time of commencement of sales of all of these products until the cumulative amount of the royalties paid equals 100% of the dollar-linked amounts of the grants received, without interest for projects authorized until December 31, 1998. For projects authorized since January 1, 1999, the repayment bears interest at the LIBOR rate.

The total research and development grants that the Company has received from the OCS as of December 31, 2007 were US\$27.1 million. The accumulated interest as of December 31, 2007 was US\$3.3 million. As of December 31, 2007, the accumulated royalties paid to the OCS were US\$7.2 million. Accordingly, the Company's total commitment with respect to royalty-bearing participation received or accrued, net of royalties paid or accrued, amounted to approximately US\$23.2 million as of December 31, 2007.

Royalties expenses relating to the OCS grants included in cost of sales for the years ended December 31, 2007, 2006 and 2005 were US\$412 thousand, US\$807 thousand and US\$769 thousand, respectively.

2. According to the Company's agreements with the Israel - US Bi-National Industrial Research and Development Foundation ("BIRD-F"), the Company is required to pay royalties at a rate of 5% of sales of products developed with funds provided by the BIRD-F, up to an amount equal to 150% of BIRD-F's grant (linked to the United States Consumer Price Index) relating to such products. The last fund from the BIRD-F was received in 1996. In the event the Company does not generate sales of products developed with funds provided by BIRD-F, the Company is not obligated to pay royalties or repay the grants.

The total research and development funds that the Company has received from the BIRD-F as of December 31, 2007, were US\$340 thousand. Accordingly, as of December 31, 2007, the Company is required to pay royalties up to an amount of US\$510 thousand, plus linkage to the United States Consumer Price Index in the amount of US\$105 thousand, or a total of US\$615 thousand. As of December 31, 2007, the accumulated royalties paid to the BIRD-F were US\$296 thousand. Accordingly, the Company's total commitment with respect to royalty-bearing participation received or accrued, net of royalties paid or accrued, amounted to approximately US\$319 thousand as of December 31, 2007.

Royalties expenses relating to the BIRD-F grants included in cost of sales for the years ended December 31, 2007, 2006 and 2005 were less than US\$1 thousand for each of these years.

Notes to the Consolidated Financial Statements as of December 31, 2007

Note 5 - Commitments and Contingencies (cont'd)**B. Operating leases**

1. Premises occupied by the Company and the US Subsidiary are rented under various rental agreements with related parties (see Note 9).

The rental agreements for the premises in Tel Aviv, China, Korea and New Jersey, United States, expire up to January 15, 2011. Minimum future gross rental and maintenance payments due under the above agreements, at exchange rates in effect on December 31, 2007, were as follows:

<u>Year ended December 31</u>	US\$ thousands
2008	699
2009	133
2010	96
2011	4

Rental and maintenance expenses (net of sublease income from premises under sublease agreements) amounted to US\$740 thousand, US\$684 thousand and US\$620 thousand, for the years ended December 31, 2007, 2006 and 2005, respectively.

2. The Company leases motor vehicles under operating leases. The leases typically run for an initial period of three years with an option to renew the leases after that date.

As of December 31, 2007, non-cancelable operating rentals for motor vehicles were payable as follows:

<u>Year ended December 31</u>	US\$ thousands
2008	444
2009	221
2010	105
2011	14

During 2007, 2006 and 2005, an amount of US\$565 thousand, US\$554 thousand and US\$459 thousand, respectively, was recognized as an expense in the statement of operations in respect of operating leases for motor vehicles.

Notes to the Consolidated Financial Statements as of December 31, 2007

Note 5 - Commitments and Contingencies (cont'd)**C. Legal proceedings**

In November 2005, the Company was served with a claim by Qualitest Ltd. ("Qualitest"), an Israeli company that was formerly a nonexclusive distributor for the Company's products in Israel, for the total sum of approximately US\$623 thousand. Qualitest claims that the Company breached an exclusive distribution agreement. In December 2005, the Company filed a statement of defense against the claim asserting that an exclusive distribution agreement was never signed between the parties, and included a counterclaim in the amount of approximately US\$131 thousand for unpaid invoices. The claims have been brought before an arbitrator. In June 2006, Qualitest paid the Company US\$69 thousand in accordance with a partial verdict of the arbitrator. In June 2007, Qualitest paid the Company US\$18 thousand and by that and the partial verdict, settled the Company's counterclaim. In July 2007 the arbitrator accepted Qualitest's claim against the Company and instructed the Company to pay US\$310 thousand to Qualitest, in addition to US\$31 thousand as expenses to Qualitest. The Company has included an expense for the full amount in "Sales and marketing expenses". In August 2007, the Company filed a request with the District Court in Tel Aviv to annul the arbitration award. In June 2008, the District Court denied the Company's request.

D. Bank guarantee

The Company has granted bank performance guarantees in favor of two of its customers in the amount of US\$ 489 thousand. US\$ 189 thousand of the guarantees expire in December 31, 2007 and US\$ 300 thousand of the guarantees expire in December 31, 2008.

Note 6 - Shareholders' Equity**A. Share capital****1. The Company's share capital is comprised of the following:**

	Authorized	December 31, 2007 Issued Number of shares	Outstanding
Ordinary Shares of NIS 0.20 par value (i)	9,997,670	* 4,091,222	* 4,091,222

Notes to the Consolidated Financial Statements as of December 31, 2007

Note 6 - Shareholders' Equity (cont'd)

A. Share capital (cont'd)

- 1. The Company's share capital is comprised of the following:**

Authorized	December 31, 2006 Issued Number of shares	Outstanding
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