

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of Earliest Event Reported): **July 7, 2021**

RESONANT INC.

(Exact Name of Registrant as Specified in Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-36467

(Commission File Number)

45-4320930

(IRS Employer Identification No.)

10900 Stonelake Blvd, Suite 100, Office 02-130

Austin, Texas

(Address of Principal Executive Offices)

78759

(Zip Code)

(805) 308-9803

(Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.001 par value	RESN	The NASDAQ Stock Market LLC

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 2.02 Results of Operations and Financial Condition.

On July 7, 2021, Resonant Inc. published a press release announcing certain preliminary unaudited financial and operational results for the second quarter ended June 30, 2021, and providing guidance for the full fiscal year. A copy of the press release is being furnished as Exhibit 99.1 to this Current Report on Form 8-K.

The information in this Current Report on Form 8-K and Exhibit 99.1 attached hereto is intended to be furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934 (the “Exchange Act”) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.1 Press Release issued by Resonant Inc. dated July 7, 2021

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: July 8, 2021

Resonant Inc.

By: /s/ Martin S. McDermut

Martin S. McDermut

Chief Financial Officer



Resonant Customers Shipped a Record 17.5 Million RF Filters in The Second Quarter of 2021 Capitalizing on WaveX™ Design Technology; Representing Year Over Year Growth of 450%

Company Exceeds Milestone of 79 Million RF Filters Shipped by Resonant's Customers

AUSTIN, Texas - July 07, 2021 - Resonant Inc. (NASDAQ: RESN), a provider of radio frequency (RF) filter solutions developed on a robust intellectual property platform, designed to connect People and Things, has provided preliminary corporate update for the three months ended June 30, 2021.

Second Quarter 2021 Company Highlights

- Resonant's customers shipped a record 17.5 million radio frequency (RF) filters designed using the Company's WaveX™ design technology in the second quarter of 2021, representing an approximate 450% increase from the same year-ago period and a sequential increase of approximately 104%. To date, Resonant's customers have shipped over 79 million RF filter units that use Resonant designs.
- The Company's robust patent portfolio grew to over 350 patents filed and issued as of June 30, 2021, greater than 200 of which are related to Resonant's proprietary XBAR® and high frequency technologies. Patent count at the end of 2020 was over 300 total patents with greater than 150 focused on XBAR®.
- Announced WaveX™, the Company's upgraded design software for acoustic wave filter development, which is specifically enhanced for 5G, Wi-Fi, and Ultra-wideband RF filters
- Revenues in the second quarter of 2021 are expected to total \$0.6 million, compared to revenues of \$0.6 million in the same year ago quarter.
- Deferred revenues as of June 30, 2021 are expected to be \$0.8 million and will be recognized over the balance of the respective contracts.
- As of June 30, 2021, Resonant had cash and cash equivalents of approximately \$22.7 million, which includes \$7.8 million of net proceeds from sales of equity during the second quarter of 2021 under the Company's previously announced at-the-market (ATM) program.

Financial Guidance

For the full year 2021, Resonant expects significant revenue growth over full year 2020.

Management Commentary

“Our customers cumulatively exceeded the milestone of shipping 75 million RF filters designed with our WaveX™ technology during the second quarter, demonstrating the continued demand for our innovative RF filter designs,” said George B. Holmes, Chairman and CEO of Resonant. “In addition, we see the market as increasingly receptive to the superiority of our XBAR® technology for natively meeting the demands of next-generation networks, which we are able to demonstrate by leveraging our WaveX™ software platform. Our design software, which is now able to perform complete 3-dimensional simulations of complex high frequency filter designs and is fully cloud-based, enables Resonant to deliver what we believe are the most cost-effective, high-performance RF filter solutions on the market to our customers.”

“We delivered second quarter financial results in-line with previously issued guidance. As we move into the second half of 2021, we remain focused on the continued execution of our agreement with the world’s largest filter manufacturer, which is progressing well, as expected. We are also continuing to build momentum with our XBAR® technology for non-mobile applications, and we expect to secure partnerships in these high growth segments before yearend. As a reminder, a majority of Resonant’s revenues are based on prepaid royalty contracts, which generate immediate cash but may have delayed revenue recognition. As a result, we continue to expect non-linear revenue amounts in subsequent quarters. We look forward to providing further detail on our full second quarter results to our shareholders in August,” concluded Holmes.

About Resonant Inc.

Resonant (NASDAQ: RESN) is transforming the market for RF front-ends (RFFE) by disrupting the RFFE supply chain through the delivery of solutions that leverage our WaveX™ design software tools platform, capitalize on the breadth of our IP portfolio, and are delivered through our services offerings. In a market that is critically constrained by limited designers, tools and capacity, Resonant addresses these critical problems by providing customers with ever increasing design efficiency, reduced time to market and lower unit costs. Customers leverage Resonant’s disruptive capabilities to design cutting edge filters and modules, while capitalizing on the added stability of a diverse supply chain through Resonant’s fabless ecosystem—the first of its kind. Working with Resonant, customers enhance the connectivity of current mobile devices, while preparing for the demands of emerging 5G applications.

To learn more about Resonant, view the series of videos published on its website that explain Resonant's technologies and market positioning:

- [Resonant Corporate Video](#)
- [WaveX™ Design Technology and XBAR: Speeding the Transition to 5G](#)
- [Expert Insights on Unlocking the Potential of 5G](#)
- [The Technology Enabling the Transition to 5G](#)

For more information, please visit www.resonant.com.

Resonant uses its website (<https://www.resonant.com>) and LinkedIn page (<https://www.linkedin.com/company/resonant-inc/>) as channels of distribution of information about its products, its planned financial and other announcements, its attendance at upcoming investor and industry conferences, and other matters. Such information may be deemed material information, and Resonant may use these channels to comply with its disclosure obligations under Regulation FD. Therefore, investors should monitor the company's website and its social media accounts in addition to following the company's press releases, SEC filings, public conference calls, and webcasts.

About Resonant's WaveX™ Design Technology

Resonant creates designs for difficult RF frequency bands and modules that meet challenging and complex 5G, Wi-Fi and UWB RF front-end requirements. Using WaveX™, Resonant's designs have the potential to be developed in half the time and manufactured at a lower cost than traditional approaches. WaveX™ is a suite of proprietary algorithms, software design tools and network synthesis techniques that enables Resonant to explore a much larger set of possible design solutions.

Resonant delivers rapid design simulations to its customers, which they manufacture in their captive fabs or have manufactured by one of Resonant's foundry partners. These improved solutions still use Surface Acoustic Wave (SAW) or Temperature Compensated Surface Acoustic Wave (TC-SAW) technologies with the performance of higher cost manufacturing methods like Bulk Acoustic Wave (BAW).

Resonant's WaveX™ delivers excellent predictability, enabling achievement of the desired product performance in roughly half as many turns through the fab. In addition, Resonant's simulations model fundamental material and structure properties, which makes integration with foundry and fab customers much more intuitive, because they speak the "fab language" of basic material properties and dimensions.

Safe Harbor / Forward-Looking Statements

This press release contains forward-looking statements, which include the following subjects, among others: the capabilities of our filter designs and software tools, the timing and amount of future unit shipments and revenues, our pursuit of partnerships for use of our XBAR® technology for non-mobile applications, and our preliminary unaudited financial results for the recently completed quarter. Forward-looking statements are made as of the date of this document and are inherently subject to risks and uncertainties which could cause actual results to differ materially from those in the forward-looking statements, including, without limitation, the following: risks related to changes in Resonant's preliminary unaudited financial results for the recently completed quarter based on the completion of our financial statement closing procedures and the review by our independent registered public accounting firm of such financial statements; our limited operating history; our ability to complete designs that meet customer specifications; the ability of our customers (or their manufacturers) to fabricate our designs in commercial quantities; our customers' ability to sell products incorporating our designs to their OEM customers; changes in our expenditures and other uses of cash; the ability of our designs to significantly lower costs compared to other designs and solutions; the risk that the intense competition and rapid technological change in our industry renders our designs less useful or

obsolete; our ability to find, recruit and retain the highly skilled personnel required for our design process in sufficient numbers to support our growth; our ability to manage growth; and general market, economic and business conditions. Additional factors that could cause actual results to differ materially from those anticipated by our forward-looking statements are under the captions “Risk Factors” and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” in our most recent Annual Report (Form 10-K) or Quarterly Report (Form 10-Q) filed with the Securities and Exchange Commission. Forward-looking statements are made as of the date of this release, and we expressly disclaim any obligation or undertaking to update forward-looking statements.

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