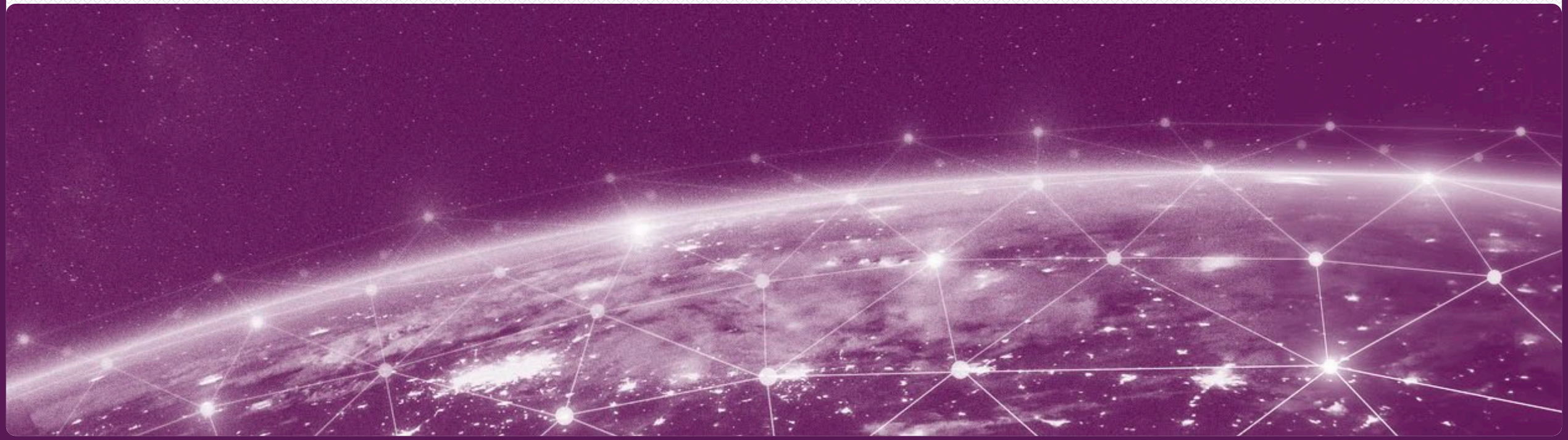
BeammWave

Interim Report

January – September 2026

November 11, 2026



Highlights

2026

Third Quarter

- BeammWave awarded a technology development contract within the defense sector. The order value amounts to SEK 1,870,000
- BeammWave Completes Successful Bring-Up of the RFFE2840 Chip – Customer Sampling has Started

After the Period End

- Continued work on digital beamforming within 3GPP at the meetings held in Jeju, South Korea
- Participation in Network X in Vienna and IWPC in Austin in October
- Launch of an updated website featuring more comprehensive information and clearer, more concise, consistent, and user-friendly content

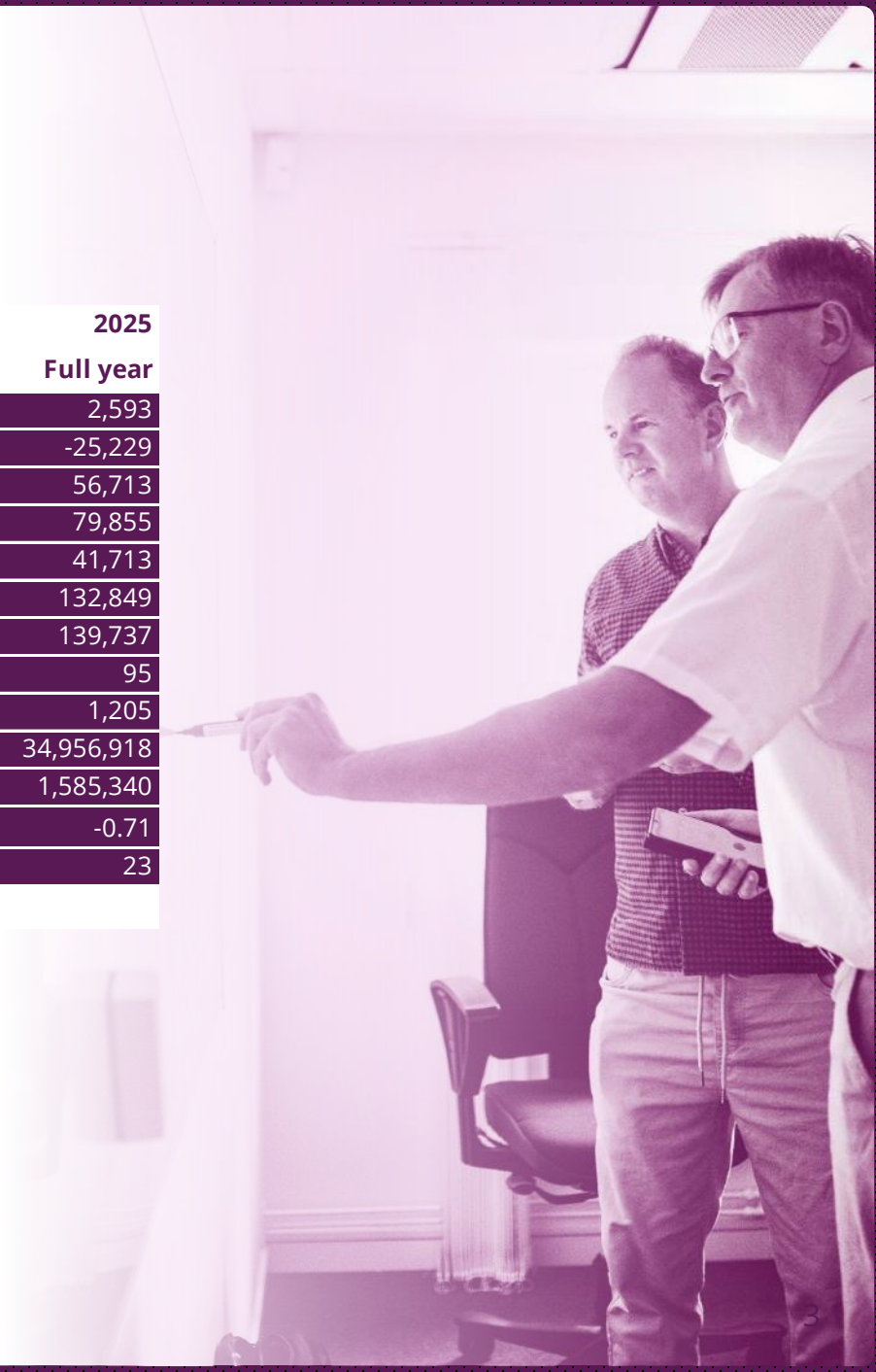


Financial Information

January – September 2026

Key Figures[1] (KSEK)	2026 Q3	2025 Q3	2026 Q1-Q3	2025 Q1-Q3	2025 Full year
Net sales	561	–	561	2,593	2,593
Operating profit/loss	-9,023	-7,575	-27,316	-16,347	-25,229
Intangible fixed assets	72,995	53,900	72,995	53,900	56,713
Cash and cash equivalents	129,264	92,883	129,264	92,883	79,855
Cash flow	-15,335	70,575	49,408	54,741	41,713
Equity	197,222	141,657	197,222	141,657	132,849
Total assets	203,279	147,903	203,279	147,903	139,737
Equity ratio (%)	97	96	97	96	95
Quick ratio (%)	2,151	1,505	2,151	1,505	1,205
Average number of outstanding shares during the period	53,401,666	35,139,859	48,169,239	32,754,020	34,956,918
Number of outstanding warrants at the end of the period	2,850,810	1,585,340	2,850,810	1,585,340	1,585,340
Earnings per share (SEK)	-0.17	-0.22	-0.56	-0.50	-0.71
Number of employees end of period	28	15	28	15	23

[1] *Key figure definitions on page 14*



Comments from Our CEO

Major steps forward

The third quarter brought excellent progress and further strengthened our confidence in turning our technology into business. We have a strong cash position, excellent results from our new RF chip, and a growing contribution to 3GPP's 6G study. Existing customers are moving forward, we are engaging with new prospects, and major operators are supporting us.

The third iteration of RFFE2840

The successful bring-up of our RF chip, RFFE2840, confirmed our technology's potential. Initial testing has delivered excellent results, and we have started shipping samples to customers and partners. Deliveries of the first chips faced some delays, primarily due to capacity constraints in parts of the manufacturing chain, particularly in processing after wafer fabrication, and we are taking steps to prevent a recurrence.

Completing the solution

Our priority remains the complete solution, including our Digital Beamforming Accelerator, DBFA. Development is progressing well. New team members are being added to address some internal resource conflicts.

Building our patent portfolio

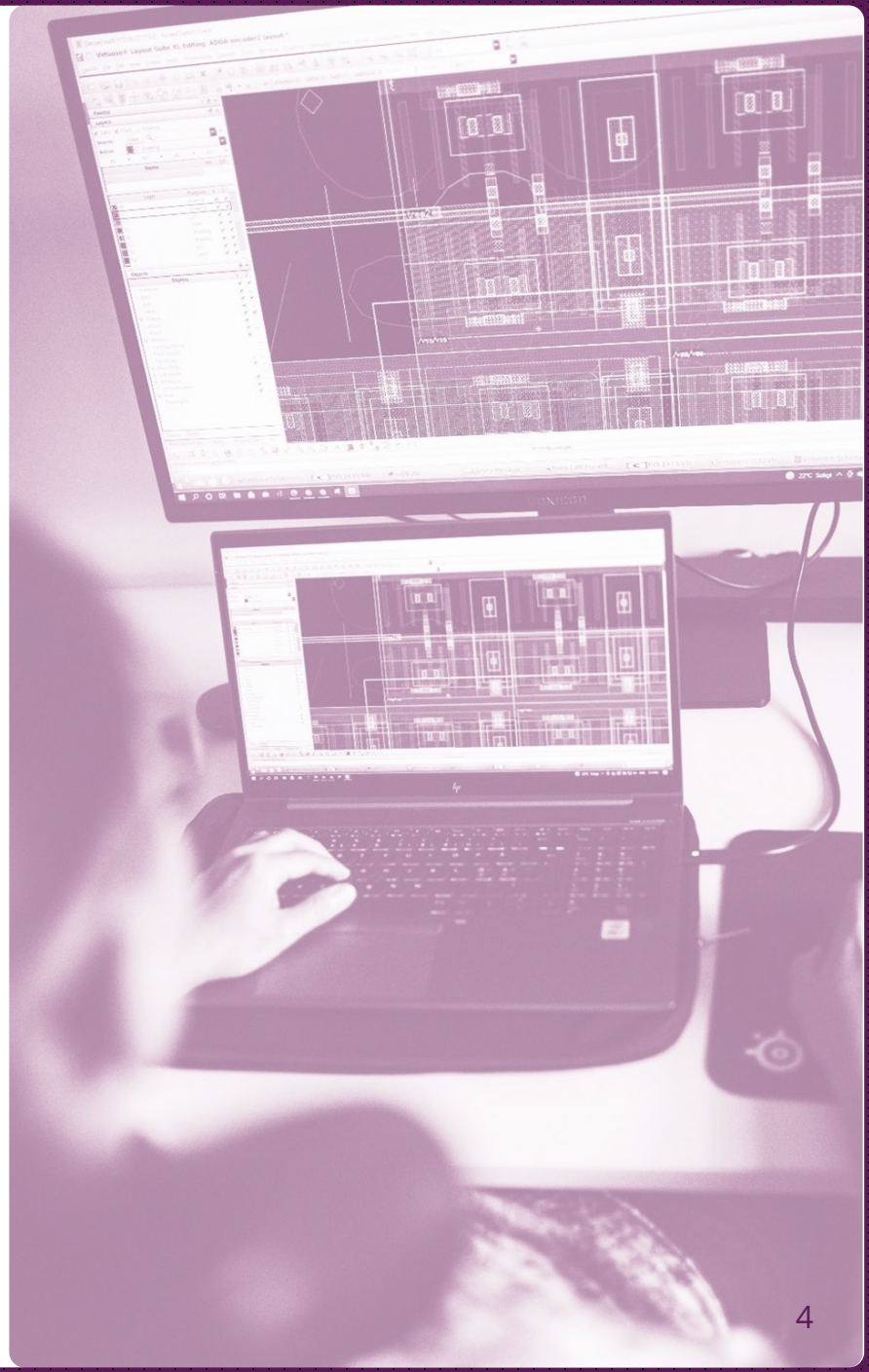
We filed four new Swedish patent applications during the quarter and secured further patent protection in the US. Our portfolio now comprises 58 active patent families.

Progress in the 6G study

Our work in 3GPP led to an agreement at the August RAN4 meeting in Maastricht to include the study of UE digital beamforming (DBF) for 6G FR2 in RAN4's part of the 6G study report. The study's scope and timeline were also agreed.

At the October meeting in Jeju, RAN4 agreed to document the results from the evaluated reference implementations from BeammWave and Murata Manufacturing Co Ltd. These results indicate that the power consumption concerns raised during the 5G study need **not** be prohibitive under the evaluated assumptions. This provides a more nuanced view of the technology's feasibility. BeammWave's analysis shows how carefully considered architectural and design choices can substantially reduce the power consumption difference between DBF and analog beamforming.

Ahead of the November meeting in Calgary, BeammWave and Sony have drafted the DBF text for the study report, a task that was assigned to both companies by RAN4. Initial feedback from RAN1 on physical-layer implications is expected at the November meeting, when RAN4 will also begin its planned assessment of the impact on Radio Resource Management (RRM).



Customer relationships moving forward

Customer engagement remains strong, with intensive technical discussions and joint development activities. The high level of customer-related work in our lab reflects this momentum. Support from several major operators strengthens these discussions, and we also increasingly see operators as potential direct customers for CPE solutions.

Smartphones, CPE and base stations remain our main markets. Defense and satellite communications offer additional opportunities. The SEK 1.87 million defense development contract announced in July is one concrete example. We see more opportunities than we can fully pursue today, making clear priorities essential as we develop the core product portfolio.

With strong representation in Asia, we are broadening our activities in Europe and North America. Our work in Japan, South Korea and Taiwan during the quarter was followed by Network X in Vienna and IWPC in Austin in October. In November, we will join Business Sweden's delegation to Bangalore Tech Summit and continue our activities in Japan.

Building the capacity to deliver

Our system lab has never been busier. Alongside internal development, it supports joint projects with customers and partners and houses a growing amount of customer equipment. This workload makes clear priorities and sufficient capacity essential.

Our strong cash position allows us to strengthen our delivery capacity. Following the lab improvements reported in Q2, we have ordered new equipment to shorten prototype turnaround and gained access to additional network-emulation capabilities. Targeted recruitment supports an organization that can handle a broader range of projects and scale with the business.

The increased interest following the RFFE2840 announcement and our 3GPP progress also calls for clear communication. We have expanded the information on our website and made it more concise, consistent and easier to navigate.

We have never been better positioned to turn our technology into business. Our confidence rests on the results we are delivering and the commitment we see from customers and partners. We have the resources to act, and our priority is clear: complete the solution and translate this progress into commercial results.

Stefan Svedberg
CEO, BeammWave AB



BeammWave in Brief

BeammWave
BeammWave AB is a Swedish fabless semiconductor company developing chips and system solutions for distributed digital beamforming. Founded in 2017, the company builds on research at Lund University's Faculty of Engineering.

The product portfolio combines RF front-end transceiver chips with a Digital Beamforming Accelerator (DBFA). Patented technology is central to both the portfolio and BeammWave's strategy.

The Advanced Development Platform, ADP1, includes both ends of an over-the-air link carrying 5G-coded traffic. It enables customers to evaluate the technology and develop their systems in parallel with BeammWave's chip development.

BeammWave participates in 3GPP standardisation, focusing on RAN1 and RAN4. The architecture supports digital beamforming within existing 5G standards.

The Need
High-frequency spectrum provides bandwidth for increased wireless capacity, but using it efficiently requires precise beamforming. Conventional analog beamforming combines antenna signals before digitization, limiting the information available for digital processing and the ability to handle multiple directions simultaneously.

BeammWave's distributed architecture places RF transceiver chips close to their antennas to minimize mmWave routing. Analog zero-IF signals connect the transceivers to a central Digital Beamforming Accelerator (DBFA), which digitizes the signals and performs the core digital beamforming processing.

This substantially reduces the processing burden on the baseband and the data rates between the DBFA and the baseband, while leaving control with the baseband. Antenna placement can be tailored to the application, supporting distributed layouts in smartphones or arrays for sector coverage in CPE and base stations.

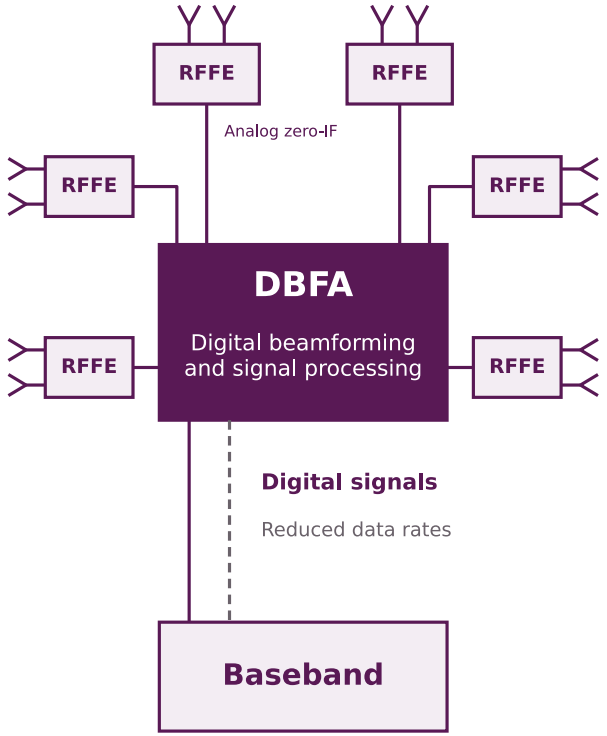
By listening in all directions simultaneously, BeammWave calculates the required beam direction directly from the received signals, rather than searching through fixed beam positions in a codebook. This enables rapid tracking of small changes in a phone's orientation, helping maintain the mmWave connection and reducing the need to fall back to sub-6 GHz.

The Market
BeammWave targets smartphones, Fixed Wireless Access (FWA) Customer Premises Equipment (CPE), and base stations. These applications have different requirements, but share a need for greater wireless capacity and efficient use of high-frequency spectrum.

FWA is an important growth segment. Ericsson's Mobility Report, June 2026, forecasts global FWA connections to increase from 185 million at the end of 2025 to 350 million by 2031. This forecast covers all FWA technologies. In capacity-constrained networks, mmWave can provide an additional capacity layer, serving FWA customers while preserving lower-frequency resources for mobile traffic.

BeammWave's distributed digital beamforming addresses these needs through multi-beam operation, improved non-line-of-sight performance and flexible antenna placement. The architecture also offers opportunities in satellite communications and defence, with RF components adapted to the relevant frequency bands and application requirements.

Distributed Digital Beamforming



Technical terms and abbreviations are explained in the glossary on pages 17–18.

The performance advantages of digital beamforming

58 active patent families



50%

Higher throughput for end-users
Based on simulations

Flexible design that is *easy* to integrate

Financial Comments

Scope of the Report
This interim report covers the period January 1 – September 30, 2026. Figures in parentheses indicate results for the corresponding period of the previous year. Unless otherwise stated, the amount is in KSEK.

Revenue and Results
Net sales for the third quarter amounted to SEK 561K (0) and for the period January-September 561K (2,593K). Capitalized development costs amounted to SEK 5,049K (2,066K) during the third quarter. For the period January-September, capitalized development costs amounted to SEK 17,706K (6,565K). The other operating income amounted to SEK 92K (12K) for the third quarter and SEK 471K (4,099K) for the period January-September. The other operating income mostly consisted of grants from the EU and Vinnova, as well as foreign exchange gains on operating items. The difference compared to the period January-September last year is mainly attributable to increased operating expenses, partly offset by higher capitalized development costs.

Operating expenses for the third quarter amounted to SEK 14,725K (9,653K) and SEK 46,053K (29,603K) for the period January-September. The increase compared to the same period last year is primarily due to material one-off items of a non-recurring nature, as well as increased development activities and organizational expansion.

Of the operating expenses during the quarter, other external costs together with personnel costs accounted for the majority, amounting to SEK 14,147K (9,619K). For the period January-September, these costs amounted to SEK 44,419K (29,177K). Personnel costs during the quarter amounted to SEK 7,214K (4,477K) and for the period January-September SEK 20,784K (11,279K).

The quarter's result before tax amounted to SEK -9,030K (-7,571K). For the period January-September, the result before tax amounted to SEK -27,137K (-16,260K). The difference compared to the corresponding quarter last year is mainly explained by higher operating expenses, partly offset by higher capitalized development costs and net sales in the current quarter.

Personnel and Organization
The number of employees in the company was at the end of the period, 28 (15).

Investments
The total investments in intangible assets, which are mostly development costs, amounted to SEK 5,049K (2,066K) during the quarter and to SEK 17,706K (6,565K) for the period January-September. Capitalized development expenses were lower in the comparative period, partly due to a higher proportion of grant-funded activities and fewer employees.

During the quarter, amortization of SEK 475K (13K) was recognized and for the period January-September SEK 1,424K (38K).

The company reports internally developed intangible fixed assets according to the capitalization model. This means that all expenses relating to the production of an internally developed intangible fixed asset are capitalized and written off during the asset's estimated useful life, provided that certain criteria are met.

The company has a total of SEK 72,995K (53,900K) in intangible assets and SEK 0K (19K) in tangible assets on the balance sheet date.

Cash Flow
The quarter's cash flow from current operations before changes in working capital amounted to SEK -8,555K (-7,558K). Investments in intangible assets, capitalized work for own account, have affected the quarter's cash flow by SEK -5,049K (-2,066K).

During the second quarter, BeammWave completed three share issues: a directed share issue amounting to SEK 20 million, a directed share issue amounting to SEK 25 million, and a rights issue amounting to approximately SEK 51.7 million. In total, the company raised gross proceeds of approximately SEK 96.7 million before issue costs of approximately SEK 5.0 million, resulting in net proceeds of approximately SEK 91.8 million.

Total cash flow for the quarter amounted to SEK -15,335K (70,575K).

Financial Position and Liquidity
As of September 30, 2026, the equity ratio amounted to 97% (96), and equity totaled SEK 197,222K (141,657K). Cash and cash equivalents amounted to SEK 129,264K (92,883K) at the end of the period on September 30, 2026, representing an increase of SEK 49,408K compared to the beginning of the fiscal year. The company had no interest-bearing liabilities as of the balance sheet date.

Other Information

The Company
BeammWave AB is a Swedish public limited company with corporate ID number 559093-1902. The company was founded in 2017 to transform research from LTH (Lund University Faculty of Engineering) into an optimized and commercial mmWave solution for a mass market.

Accounting Principles
This interim report has been prepared in accordance with the Swedish Annual Accounts Act and BFNAR 2012:1 Annual Report and Consolidated Accounts (K3). Applied accounting principles are unchanged from those used in the 2025 Annual Report, which can be found on the company's website. For further information, refer to the company's Annual Report for 2025.

The amounts are rounded to the nearest thousand (KSEK), unless otherwise stated. Due to rounding, figures presented in the financial statements may in some cases not exactly add up to the total and percentages may deviate from the exact percentages. Amounts in parentheses refer to values from the corresponding period in the preceding year.

Transactions with Related Parties
Transactions with related parties have taken place to the same extent as before. For further information, refer to the company's Annual Report for 2025.

Risks and Uncertainties
The company's operations and financial results are exposed to a number of risks and uncertainties. For a more detailed description, please refer to the company's Annual Report for 2025.

Estimates and Judgments
In preparing the financial reports, the Board of Directors and management make estimates and assumptions that affect reported income, expenses, assets and liabilities, as well as the accompanying disclosures.

Estimates and judgments are evaluated on an ongoing basis and are based on historical experience and other factors, including expectations about future events that are expected to be reasonable under prevailing conditions. Actual results may differ from assessments made. The areas where estimates and assumptions could entail a significant risk of adjustments in reported values for earnings and financial position in future reporting periods are primarily assessments of market conditions and thus the value of the company's fixed assets.

Management of Uncertainties
With revenues still limited, the company's financing risk is primarily linked to its ability to raise capital and to general financial market conditions. The company's current cash position substantially reduces this risk in the near term.

The semiconductor industry is cyclical. Periods of constrained foundry capacity and component shortages may affect the company's access to manufacturing and components, potentially delaying development activities and customer deliveries.

Auditor's Review
This report has not been reviewed by the company's auditors.

Financial Calendar
2027-02-17 Year-end Report 2026
2027-04-15 Annual Report 2026
2027-05-07 Interim Report Q1 2027
2027-05-19 Annual General Meeting 2027

For additional information, please contact:
Stefan Svedberg, CEO
Phone: +46 (0)10-641 45 85
Mail: info@beammwave.com

The financial reports are available through BeammWave's website beammwave.com/investors/financial-reports/

The Board of Directors and the CEO declare that this interim report provides a true and fair overview of the company's operations, financial position and results and describes significant risks and uncertainties facing the company.

Lund, November 11, 2026



Svein-Egil Nielsen
Chairman of the Board



Markus Törmänen
Board Member



Märta Lewander Xu
Board Member



Gustav Brismark
Board Member



Paula Eninge
Board Member



Fredrik Rosenqvist
Board Member



Pelle Wijk
Board Member



Stefan Svedberg
CEO

Financial Reports in Summary

Income Statement

Income Statement (KSEK)	2026 Q3	2025 Q3	2026 Q1-Q3	2025 Q1-Q3	2025 Full year
Operating income					
Net sales	561	–	561	2,593	2,593
Capitalized development expenses	5,049	2,066	17,706	6,565	11,111
Other operating income	92	12	471	4,099	6,289
Total operating income	**5,702**	**2,078**	**18,737**	**13,257**	**19,993**
Operating expenses					
Other external costs	-6,934	-5,143	-23,635	-17,898	-26,166
Personnel cost	-7,214	-4,477	-20,784	-11,279	-16,847
Depreciation and impairment of tangible and intangible fixed assets	-475	-13	-1,424	-38	-1,791
Other operating expenses	-103	-21	-211	-388	-419
Total operating expenses	**-14,725**	**-9,653**	**-46,053**	**-29,603**	**-45,222**
Operating profit/loss	**-9,023**	**-7,575**	**-27,316**	**-16,347**	**-25,229**
Result from financial items					
Other interest income and similar items	2	6	217	111	470
Interest expenses and similar profit and loss items	-9	-1	-38	-24	-42
Profit/loss before tax	**-9,030**	**-7,571**	**-27,137**	**-16,260**	**-24,802**
Income tax	–	–	–	–	–
Profit/loss for the period	**-9,030**	**-7,571**	**-27,137**	**-16,260**	**-24,802**
Earnings per share (SEK)					
Earnings per share before and after dilution	*-0.17*	*-0.22*	*-0.56*	*-0.50*	*-0.71*
Average number of shares before and after dilution	*53,401,666*	*35,139,859*	*48,169,239*	*32,754,020*	*34,956,918*

Balance Sheet

Balance Sheet (KSEK)		2026 Sept 30	2025 Sept 30	2025 Dec 31
ASSETS				
Intangible fixed assets	*Note 1*	72,995	53,900	56,713
Tangible fixed assets		–	19	0
Other receivables		1,020	1,101	3,169
Cash and cash equivalents		129,264	92,883	79,855
TOTAL ASSETS		**203,279**	**147,903**	**139,737**
EQUITY AND LIABILITIES				
Equity		197,222	141,657	132,849
Accounts payable		1,443	1,608	2,523
Other liabilities		4,613	4,638	4,365
TOTAL EQUITY AND LIABILITIES		**203,279**	**147,903**	**139,737**

Changes in Equity (KSEK)	2026 Q3	2025 Q3	2026 Q1-Q3	2025 Q1-Q3	2025 Full year
Balance at the beginning of the period	206,620	69,801	132,849	77,624	77,624
Profit/loss for the period	-9,030	-7,571	-27,137	-16,260	-24,802
Transactions with shareholders	-368	79,428	91,510	80,293	80,026
Balance at the end of the period	**197,222**	**141,657**	**197,222**	**141,657**	**132,849**



Cash Flow

Cash Flow (KSEK)	2026 Q3	2025 Q3	2026 Q1-Q3	2025 Q1-Q3	2025 Full year
Cash flow from operating activities					
Operating profit/loss	-9,023	-7,575	-27,316	-16,347	-25,229
Adjustments for items not included in cash flow	475	13	1,424	38	1,791
Interest paid/received	-7	4	179	87	428
Tax paid	–	–	–	–	–
Cash flow from operating activities before changes in working capital	**-8,555**	**-7,558**	**-25,713**	**-16,221**	**-23,011**
Changes in working capital	-1,362	771	1,317	-2,766	-4,192
Cash flow from operating activities	**-9,917**	**-6,787**	**-24,396**	**-18,988**	**-27,202**
Cash flow from investment activities	-5,049	-2,066	-17,706	-6,565	-11,111
Cash flow from financing activities	-368	79,428	91,510	80,293	80,026
Cash flow for the period	**-15,335**	**70,575**	**49,408**	**54,741**	**41,713**
Cash and cash equivalents at the beginning of the period	144,598	22,308	79,855	38,142	38,142
Cash and cash equivalents at end of period	**129,264**	**92,883**	**129,264**	**92,883**	**79,855**

NOTES Note 1	2026 Q3	2025 Q3	2026 Q1-Q3	2025 Q1-Q3	2025 Full year
Capitalized expenditure on development work and similar works					
Opening balance	68,421	51,834	56,713	47,335	47,335
Additions	5,049	2,066	17,706	6,565	11,111
Depreciation and impairment	-475	–	-1,424	–	-1,733
Closing carrying amount	**72,995**	**53,900**	**72,995**	**53,900**	**56,713**

Key Figures

Key Figures
BeammWave's financial reports include financial key figures specified in current principles for financial reporting.

Operating Profit/loss
Operating income minus operating expenses.

Equity Ratio
Adjusted equity (equity and untaxed reserves less deferred tax) as a percentage of the balance sheet total.

Quick Ratio
Current assets excluding inventory and work in progress as a percentage of short-term liabilities.

Average Number of Outstanding Shares
Weighted average of the number of shares outstanding during the period.

Earnings per Share
Profit or loss for the period divided by the weighted average number of shares outstanding during the period.



Share Capital and Ownership Structure

The company's share capital amounts to SEK 5,277,987 distributed over 53,401,666 outstanding shares of which 3,831,000 A shares and 49,570,666 B shares. Trading in the share takes place on the Nasdaq First North Growth Market. BeammWave's B shares are traded under the short name BEAMMW B and with ISIN code SE0016799068.

Stock Option and Employee Stock Option Programs
The company has eleven (11) ongoing stock option programs ('TO') and employee stock option programs ('KPO'), corresponding to a total of 2,987,447 shares upon full exercise. The stock option programs ('TO') refer to incentives and have been issued at market value, calculated according to the "Black Scholes" formula. If all outstanding warrants are exercised, the dilution effect will amount to approximately 5.3 percent.

For more information and complete conditions regarding the stock option programs and employee stock option programs, refer to the prospectus that the company issued in connection with the listing issue on page 37 and for others to the annual general meetings in 2023, 2024, 2025, and 2026 respectively.

Name	Purpose	Earliest redemption date	Final exercise date	Redemption price* (SEK)	Outstanding options	No of shares in case of full subscription*	Dilution in case of full subscription
KPO Anst-22	Incentive	2027-07-04	2028-06-30	25.22	50,630	61,176	0.11%
KPO Sty-22	Incentive	2026-05-11	2028-06-30	25.22	67,400	81,439	0.15%
Series 202301	Incentive	2027-06-01	2027-09-30	25.22	67,560	81,632	0.15%
KPO Anst-24	Incentive	2027-07-01	2027-12-31	0.099	303,620	324,873	0.60%
KPO Sty-24	Incentive	2027-07-01	2027-12-31	0.099	202,680	216,867	0.40%
TO Anst-24	Incentive	2027-07-01	2027-07-30	4.40	531,015	568,186	1.05%
KPO Anst-25	Incentive	2028-07-01	2028-12-31	0.099	286,610	306,672	0.57%
TO Anst-25	Incentive	2028-07-01	2028-07-30	14.39	75,825	81,132	0.15%
KPO Anst-26	Incentive	2029-07-01	2030-01-31	0.099	1,045,900	1,045,900	1.92%
KPO Sty-26	Incentive	2029-07-01	2030-01-31	0.099	202,680	202,680	0.38%
TO Anst-26	Incentive	2029-07-01	2029-07-31	22.97	16,890	16,890	0.03%
						2,987,447	**5.30%**

**Recalculated as of August 18, 2026*

Ownership Structure

Largest owners as of September 30, 2026
Shareholders who are not registered as owners, but whose shares are placed in insurance and depository accounts, do not appear in this list.

Name (private/company)	Class A shares[2]	Class B shares[3]	Total Capital	% of Capital	% of Votes
Nowo Fund Management AB		5,314,260	5,314,260	9.95%	6.05%
Nordnet Pension Insurance		5,302,507	5,302,507	9.93%	6.03%
Concejo AB och Concejo Invest AB		4,518,438	4,518,438	8.46%	5.14%
Avanza Pension		2,881,876	2,881,876	5.40%	3.28%
Almi Invest AB och Almi Invest Syd AB		1,825,698	1,825,698	3.42%	2.08%
Per-Olof Brandt	1,377,000	59,000	1,436,000	2.69%	15.74%
Markus Törmänen	1,367,000		1,367,000	2.56%	15.56%
Stefan Svedberg[1]	592,000	602,500	1,194,500	2.24%	7.42%
Walerud & Partners AB och Bengt Walerud		1,158,121	1,158,121	2.17%	1.32%
Nordea Life & Pension		870,086	870,086	1.63%	0.99%
Other shareholders	*495,000*	*27,038,180*	*27,533,180*	*51.56%*	*36.40%*
Total*	**3,831,000**	**49,570,666**	**53,401,666**	**100.00%**	**100.00%**

[1] *Stefan Svedberg, CEO, by company and privately*

[2] *10 votes per class A share*

[3] *1 vote per class B share*

**With a total of 5,074 shareholders*

Glossary

3GPP (3rd Generation Partnership Project)
A global partnership that develops technical specifications for mobile communication systems, including 4G, 5G and 6G.

ADP1 (Advanced Development Platform)
BeammWave's platform for over-the-air evaluation of digital beamforming and integration with customer systems.

Analog Beamforming
Beamforming that adjusts and combines antenna signals in the analog domain. On reception, the signals are combined before digitization.

Beamforming
A technique that controls signals across multiple antennas to direct transmitted energy or improve reception in selected directions.

CPE (Customer Premises Equipment)
Communication equipment installed at a customer's home or business. In FWA, it connects the premises to the operator's network over a radio link.

DBF (Digital Beamforming)
Beamforming that processes antenna signals digitally. On reception, signals are digitized before they are combined, allowing flexible beam control and simultaneous reception from multiple directions.

DBFA (Digital Beamforming Accelerator)
BeammWave's digital processing chip, which digitizes analog signals from RF transceivers and performs digital beamforming before passing processed signals to the baseband.

Fabless
A semiconductor business model in which a company designs chips and outsources manufacturing to external foundries.

FPGA (Field-Programmable Gate Array)
A digital integrated circuit whose hardware functionality can be configured and reconfigured after manufacture.

FR2 (Frequency Range 2)
The higher frequency range defined for 5G NR: FR2-1 covers 24.25–52.6 GHz and FR2-2 covers 52.6–71 GHz.

Frequency band/frequency range
A span of radio frequencies, measured in hertz (Hz). Bands are allocated to different services. Higher frequencies have shorter wavelengths and can provide wider channels for carrying data.

FWA (Fixed Wireless Access)
Broadband access to homes or businesses over a radio link between a base station and customer equipment. It reduces the need for cable or fiber installation to each premises. Performance and costs depend on network design and deployment conditions.

IWPC (International Wireless Industry Consortium)
An industry consortium that supports collaboration and knowledge exchange across the wireless industry.

Glossary, cont.

mmWave
Short for millimeter wave, formally covering 30–300 GHz. In mobile communications, the term also commonly includes bands around 24–30 GHz. Wide channels support high data rates, while beamforming helps overcome propagation losses.

RAN (Radio Access Network)
The part of a mobile network that connects user equipment to the core network through radio links.

RAN1
The 3GPP working group responsible for the physical layer of the radio interface, including modulation, coding and physical-layer procedures.

RAN4
The 3GPP working group responsible for radio-frequency and radio performance requirements, including transmitter, receiver and measurement requirements.

RF (Radio Frequency)
The frequencies used to transmit and receive radio signals. RF components handle these signals in wireless equipment.

RFFE2840
BeammWave's RF front-end transceiver chip for millimeter-wave communication.

RRM (Radio Resource Management)
Functions that manage radio resources, including measurements, cell selection and mobility, to support reliable and efficient network operation.

Satcom (Satellite communications)
Communication systems that use satellites to transmit data, voice or video.

UE (User Equipment)
A device that connects to a mobile network, such as a smartphone or cellular router.

XGMF (XG Mobile Promotion Forum)
A Japan-based industry forum that promotes mobile technologies and collaboration across the mobile industry.

zero-IF (Zero Intermediate Frequency)
A radio architecture that converts signals directly between RF and baseband, without an intermediate-frequency stage.



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