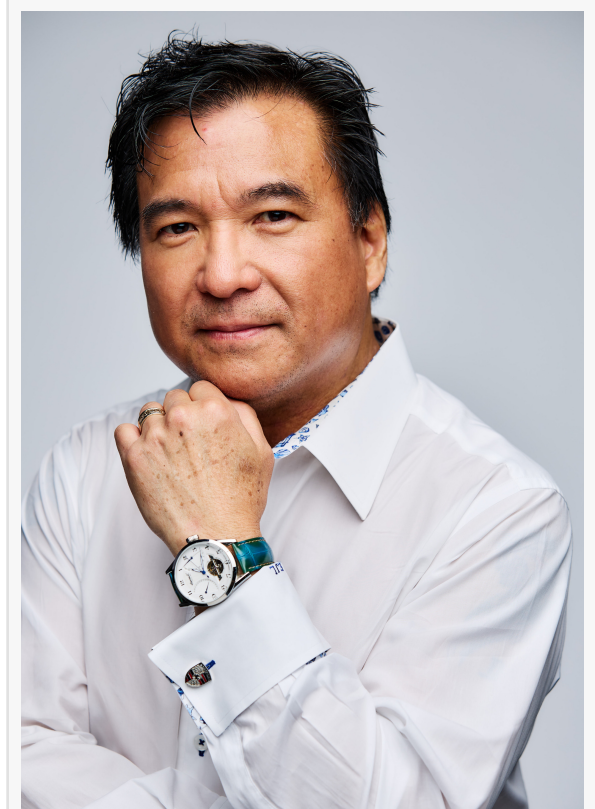


EJL Wireless Research Reports Global Macrocell RU/AAU Shipments Declined 7% in 2022

AAU shipments capture 32% share due to deployments in China and India; Open RAN/vRAN Compliant RU/AAU shipments up 76%

SALEM, NEW HAMPSHIRE, UNITED STATES, September 25, 2023 /EINPresswire.com/ -- Worldwide shipments of radio units (RU) and active antenna units (AAU) for mobile wireless networks across all generations and air interfaces declined by 7% in 2022 from 2021 levels, according to the latest report from EJL Wireless Research titled "Global Macrocell Radio Unit/Active Antenna Unit (RU/AAU) Market Analysis and Forecast, 2023-2027 5th Edition." "[Massive MIMO AAU](#) shipments increased 45% in 2022 however this was not enough to offset a 20% decline in non-massive MIMO RUs," says founder and President, Earl Lum. EJL Wireless Research is forecasting near to mid-term weakness for the radio market as demand weakens in China, offsetting strong shipment growth in India. Our current view for 2023 RU/AAU shipments is for a decline of 13% as 5G NR massive MIMO AAU shipments overtake legacy [LTE/UMTS/GSM](#) RU shipments.



Earl J Lum, President, EJL Wireless Research LLC

"The continued evolution of the RU products from single band to dual/triple band products is driving the decline in overall 4T4R RUs shipments. While the combined 4T4R segment remained the largest at 60% share in 2022, we expect share gains from the 64T64R massive MIMO segment in 2023 to reach near parity in 2023," says Lum.

"Within the [Open RAN/vRAN](#) compliant radio market, the traditional correlation of RU/AAU vendor to DU/BBU vendor becomes blurry as some mobile operators mix/match radio solutions with varying degrees of success. We do not expect to see complete radio performance parity of Open RAN RU/AAU solutions with purpose built solutions in the near/mid-term of our forecast and possibly never," says Lum.

About EJL Wireless Research

EJL Wireless Research provides proprietary, accurate and cutting-edge market analysis and consulting services on the wireless technology ecosystem. The firm's wireless infrastructure research focuses on vertical elements of the wireless ecosystem including telecommunication standards evolution, global and regional regulatory issues, spectrum availability, mobile operators, and mobile infrastructure equipment vendors. In addition, the firm provides analysis across horizontal technology suppliers including RF semiconductor materials, RF semiconductor/components, and RF subsystems. Our goal is to provide our clients with critical market analysis and information.

EJL Wireless Research believes it has a corporate responsibility, both local and international, in giving back to the community. Please visit our website for more information about the charitable organizations it supports at: <https://ejlwireless.com/corporate-and-social-responsibility>.

EJL Wireless Research is managed by Earl Lum. Mr. Lum has over 25 years of experience within the wireless industry including 8 years as an Equity Research Analyst on Wall Street. The company is headquartered in Salem, NH. For more information about EJL Wireless Research, please visit the company's website at <https://ejlwireless.com>.

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Earl J. Lum, President, EJL Wireless Research LLC

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