

# EJL Wireless Research Reports Global Macrocell RRU/ARS Shipments Up 19% in 2017

*4T4R RRUs up 100% as Massive MIMO accelerates; Huawei #1 Overall and in LTE; Despite NB-IoT upgrades in China, outlook negative for 2018*

SALEM, NH, UNITED STATES, April 9, 2018 /EINPresswire.com/ -- Shipments of remote radio units (RRU) and antenna radio systems (ARS) were up 19% in 2017, according to the latest report from EJL Wireless Research titled “Global Macrocell RRU/ARS Market Analysis and Forecast, 2018-2022 2nd Edition.” “China’s 800/900MHz NB-IoT upgrades, coupled with growth in India and Europe offset weakness in North America and Asia in 2017,” says founder and President, Earl Lum. EJL Wireless Research is forecasting that the macrocell RRU/ARS market will see an 18% decline in shipments in 2018 due to continued lower CAPEX spending in China, operator consolidation in India, as well as softness in Asia Pacific.

“CAPEX guidance for China continues to drop but NB-IoT upgrades are expected to continue in 2018. Our thesis for [4T4R RRU](#) upgrades remains intact given the doubling of shipments in 2017. LTE massive MIMO demand continues to grow, driven by deployments in China and India. We expect initial [5G NR mmwave](#) networks to be deployed in the United States in the second half of 2018 while larger scale field trials are initiated in China,” says Lum.

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Samsung Networks positioned to gain share in U.S. market”

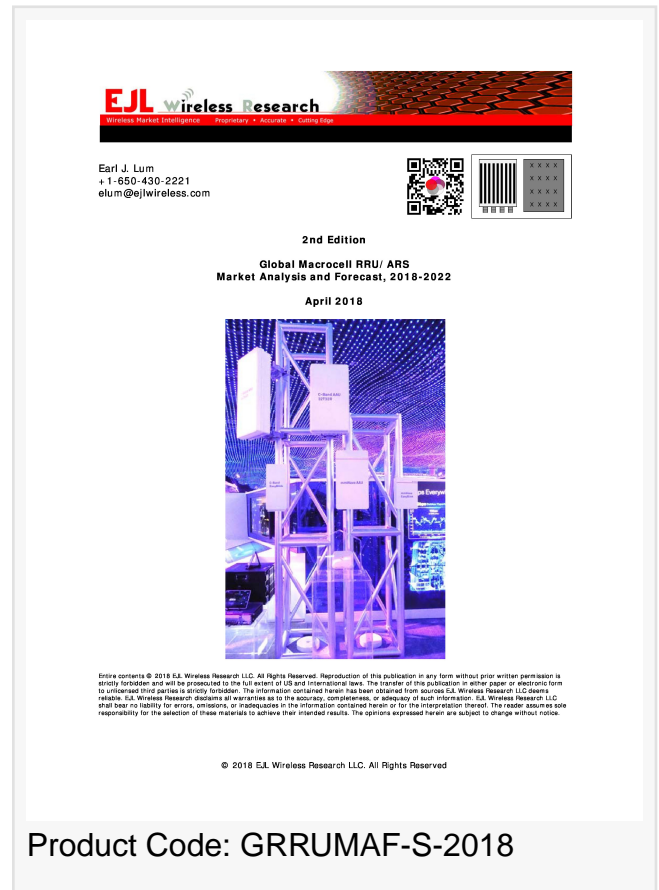
*Earl J. Lum, President*

“Specifically within the United States for <6GHz 5G NR ARSs, Sprint will be a major driver for n41 2500MHz [Massive MIMO ARS \(MM-ARS\)](#) over the next several years while AT&T, T-Mobile, and Verizon Wireless focus on microwave 5G NR ARS deployments in the n257 28GHz and n260 39GHz spectrum,” says Lum.

Regarding market share for the mobile radio access network (RAN) wireless equipment suppliers, EJL Wireless Research believes that Samsung Networks is well positioned to gain significant market share in the United States for both LTE and 5G NR technologies.

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.



Earl Lum, President EJL Wireless Research

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: [http://www.ejlwireless.com/corporate\\_responsibility.html](http://www.ejlwireless.com/corporate_responsibility.html).

EJL Wireless Research is managed by Earl Lum. Mr. Lum has 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 [www.ejlwireless.com](http://www.ejlwireless.com).

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