

EJL Wireless Research Reports Global Macrocell RRU/ARS Shipments Drop by 8% in 2016

Demand in 2017 to remain weak and outlook remains choppy due to Chinese LTE party hangover

SALEM, NH, UNITED STATES, October 9, 2017 /EINPresswire.com/ -- Shipments of remote radio units (RRU) and antenna radio systems (ARS) dropped by 8% in 2016, according to the latest report from EJL Wireless Research titled "Global Macrocell RRU/ARS Market Analysis and Forecast, 2017-2021 1st Edition." "We are excited to finally introduce the third product in our series of research reports focused on the macro cell market. The RRU/ARS report complements our existing radio transceiver (TRx), digital baseband unit (BBU), and base station antenna research," says founder and President, Earl Lum. EJL Wireless Research is forecasting that the macrocell RRU/ARS market will see a 14% decline in shipments in 2017 due to lower CAPEX spending in China and Asia Pacific as well as softness in other regions.



Earl Lum, President EJL Wireless Research

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Earl Lum, President, EJL Wireless Research LLC

“The market is in a reset mode and feeling the massive hangover from the Chinese LTE party. Uncertainty surrounding the business cases for [5G](#) as well as future spectrum auctions is pushing mobile CAPEX trends to a negative bias. However, we expect that LTE refarming of 900MHz and 2100MHz spectrum supporting legacy 2G GSM and 3G UMTS services will be a major driver for 4T4R RRUs during the next five years,” says Lum.

Mobile network migration towards 4.5G [LTE-Advanced Pro](#) will provide demand pull for 4T4R RRUs over the next several years as Tier 1 mobile operators upgrade their networks to support 4x4 MIMO. Additionally, 4.9G [massive MIMO](#) ARSs supporting FDD LTE 32T32R and TDD LTE 64T64R will begin to ship in commercial volumes in 2018. Finally, 5G NR mmWave massive MIMO ARSs will see low volume commercial deployments by the end of 2017 and ramping through 2018.

“Within the category of 5G NR ARSs, we forecast that majority of shipments will be to support frequency spectrum below 6GHz such as 3.5GHz and 4.5GHz with mmWave-associated ARS shipments accounting for less than 10% share by 2021,” 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:

http://www.ejlwireless.com/corporate_responsibility.html.

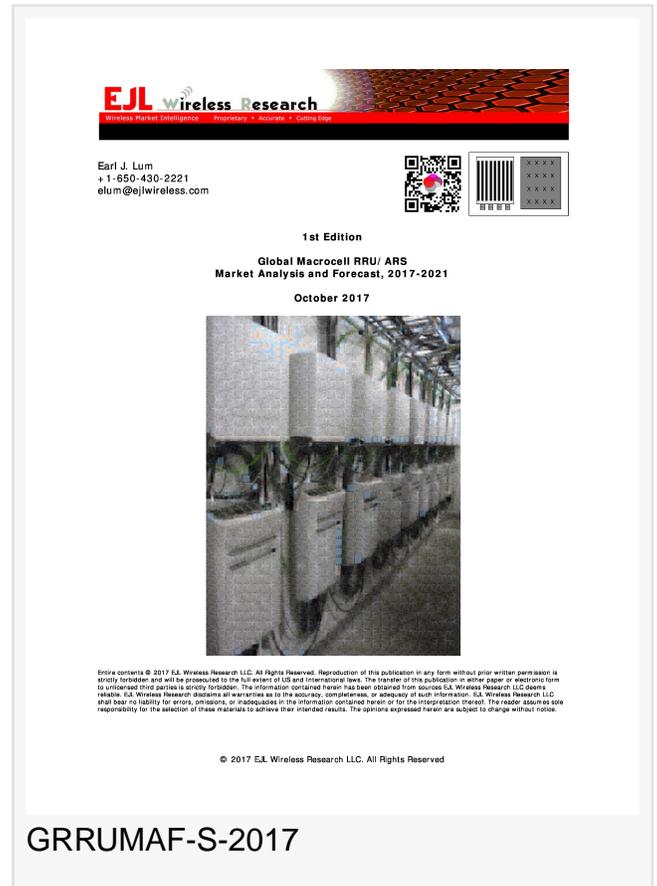
EJL Wireless Research is managed by Earl Lum. Mr. Lum has 25 years of experience within the wireless industry including 8 years as an Equity Research Analyst on Wall Street. The company is headquartered in Salem, NH. For more information about EJL Wireless Research, please visit the company's website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

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