

# EJL Wireless Research adds Ericsson FDD/TDD LTE Digital Baseband Unit to Design Analysis Infrastructure (DNA-I) series

*The LTE+GSM multimode DUS 31 02 eNodeB solution from Ericsson allows mobile operators combine two digital units into a single compact multi-mode system*

SALEM, NH, UNITED STATES, January 23, 2017 /EINPresswire.com/ -- EJL Wireless Research is announcing a new report within its proprietary DNA-I series, an [Ericsson](#) FDD/TDD LTE+GSM DUS 31 02 multi-mode eNodeB.

“This is our second opportunity to look into the DUS 31 multi-mode [digital baseband unit](#) for Ericsson's [RBS6000](#) platform. The DUS remains a key part of the overall RBS6000 portfolio. While Ericsson is shifting its production to the newer Baseband 52xx products, the DUS products continue to serve a significant number of mobile operators worldwide” said founder and President, Earl Lum.

“The multi-mode FDD/TDD LTE+GSM eNodeB unit supports in LTE mode a maximum downlink throughput of 300Mbps and uplink throughput of 150Mbps well as 2,500 connected users and 800 VoLTE users. It is also capable of supporting 4x4 MIMO and a maximum of 12 cells. The unit can be operated in single mode FD LTE, single mode TDD LTE, single mode GSM, multi-mode FDD LTE+GSM or multi-mode TDD LTE+GSM. The multi-mode capability of the DUS platform allows mobile operators to free up one critical DU slot within the RBS6x01 or RBS610x/620x/630x/6601 cabinets.

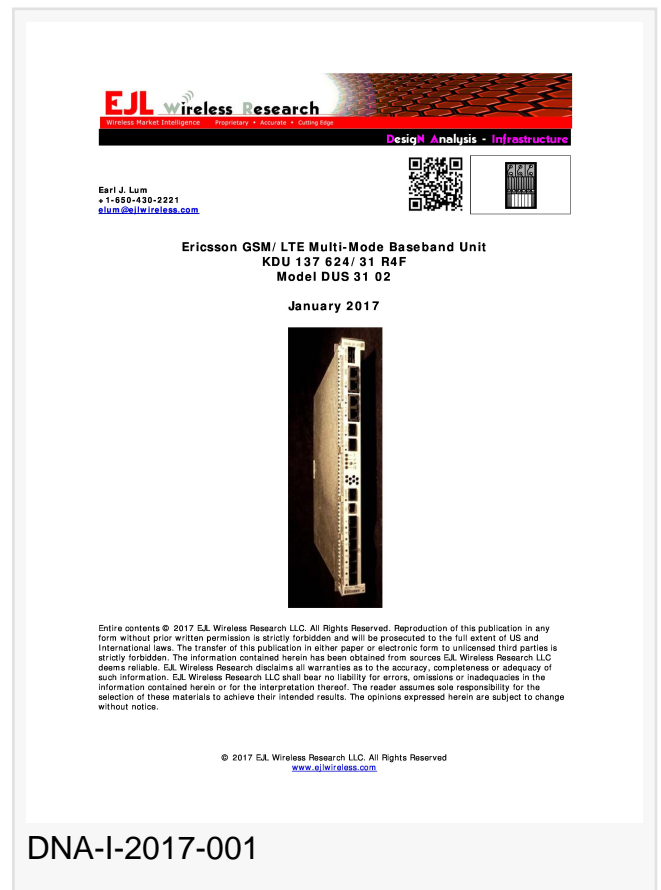
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The multi-mode FDD/TDD LTE+GSM eNodeB unit supports 4x4 MIMO and a maximum of 12 cells”

*Founder and President, Earl Lum.*

EJL Wireless Research continues to lead the wireless market research segment with innovative and cutting edge research such as its DNA-I series of products.

The following semiconductor & passive component suppliers are included in this report: Amphenol, Analog Devices, Broadcom, Ericsson, Fairchild Semiconductor, Integrated Device Technology, NDK, NXP Semiconductors, ON Semiconductor, STMicroelectronics, TDK-EPCOS, Texas Instruments, and Vishay Semiconductors.



The image shows the cover of a report titled "Ericsson GSM/ LTE Multi-Mode Baseband Unit". The cover features the EJL Wireless Research logo at the top, which includes the text "EJL Wireless Research" and "Wireless Market Intelligence - Proprietary - Accurate - Cutting Edge". Below the logo, there is a QR code and a small image of the baseband unit. The report title is prominently displayed in the center, along with the model number "KDU 137 624/ 31 R4F" and "Model DUS 31 02". The date "January 2017" is also visible. At the bottom of the cover, there is a small image of the baseband unit and a copyright notice: "© 2017 EJL Wireless Research LLC. All Rights Reserved. www.ejlr.com". The report ID "DNA-I-2017-001" is printed at the very bottom of the cover.

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DNA-I-2017-001

The report is currently available for purchase and information can be downloaded at [www.ejlwireless.com](http://www.ejlwireless.com).

#### About EJM Wireless Research

EJM Wireless Research provides proprietary, accurate and cutting-edge market analysis and consulting services on the wireless technology ecosystem. The firm focuses on all vertical elements of the wireless ecosystem including mobile subscribers, mobile operators, mobile handsets, mobile infrastructure and mobile content. In addition, the firm provides analysis across horizontal technology suppliers including RF semiconductor materials, RF semiconductor/components, subsystems and OEMs.

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

EJM Wireless Research is managed by Earl Lum. Mr. Lum has over 20 years of experience within the wireless industry including 8 years as an Equity Research Analyst on Wall Street cover the global wireless industry. The company is headquartered in Salem, NH. For more information about EJM Wireless Research, please visit the company's website at [www.ejlwireless.com](http://www.ejlwireless.com).

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