

## News Release

16 January 2017

### **Cobham Voltage Regulators On Board GOES-R Satellite's EXIS Instrument**

COLORADO SPRINGS, CO. – Cobham's VRG8663 Voltage Regulators are on board NOAA's Geostationary Operational Environmental Satellite – R Series (GOES-R) spacecraft. GOES-R is the next generation of geosynchronous environmental satellites intended to provide atmospheric measurements for weather forecasting, severe storm tracking, and space weather monitoring.

The Extreme Ultraviolet and X-ray Irradiance Sensors (EXIS) Instrument was developed by the Laboratory for Atmospheric & Space Physics (LASP), University of Colorado, Boulder. The EXIS on the GOES-R series satellites are critical to understanding and monitoring solar irradiance in the upper atmosphere, that is, the power and effect of the sun's electromagnetic radiation per unit of area. EXIS will reside on the Sun-Pointing Platform (SPP) of the satellite, mounted in the yoke of the solar array.

"Cobham congratulates LASP on their successful EXIS instrument for GOES-R," said Jeff Hassannia, Senior Vice President of Business Development and Technology for Cobham Advanced Electronic Solutions. "Our Voltage Regulators, from our Cobham Semiconductor Solutions Plainview, New York site, played an important role in LASP's EXIS instrument. With an array of RadHard microelectronics on board the GOES-R, Cobham Advanced Electronic Solutions sector are proud to once again support space exploration".

"Cobham's Voltage Regulators provide the regulated -5V distributed to all five detector interfaces on the EXIS instrument," said Chris Belting, Electrical Engineer, LASP EXIS Team.

For product information, please visit:

- [www.cobham.com/HiRel](http://www.cobham.com/HiRel) for RadHard electronics

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### **About Cobham Advanced Electronic Solutions**

We provide critical solutions on land, at sea, and in the air and space, by moving data through off-the-shelf and customized products including RF, microwave, and high reliability microelectronics, antenna subsystems and motion control solutions.

### **About Cobham**

*The most important thing we build is trust.*

Cobham is a leading global technology and services innovator, respected for providing solutions to the most challenging problems, from deep space to the depths of the ocean.

We employ more than 11,500 people on five continents, and have customers and partners in over 100 countries, with market leading positions in: wireless, audio, video and data communications, including satellite communications; defence electronics; air-to-air refuelling; aviation services; life support and mission equipment.

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