

NEWS RELEASE



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FOR PRINT AND ONLINE RELEASE:

New Aeroflex SMART^E™ 5200 Synthetic Test Environment Optimized for Satellite Payload Test

<http://www.aeroflex.com/ats/products/prodfiles/news/03242009.pdf>

WASHINGTON, DC—Satellite Conference and Exhibition 2009—March 24, 2009—Aeroflex today announced commercial availability of its Synthetic Multifunction Adaptable Reconfigurable Test Environment (SMART^E™) 5200 Series, a new, truly synthetic Satellite Payload Test Environment that includes hardware, software, test practices and support required by customers for a complete test solution.

The SMART^E 5200 Satellite Test Environment is the newest member of the SMART^E 5000 Series, which is a complete, hybrid synthetic test environment from Aeroflex. The SMART^E 5200 provides standard and customizable test programs tailored to the specific problems of testing high performance payloads, which consist of multiple channels, each with up to hundreds of connections between the test system and payload under test.

“Continuing to deliver on the flexibility, modularity and open architecture that have characterized SMART^E 5000’s initial release at Autotestcon 2007, the SMART^E 5200 replaces the well-established STI1000C Satellite Payload Test System currently installed and in operation at customer sites worldwide,” said Dr. Francesco Lupinetti, vice president and general manager, Aeroflex High Speed Test Solutions. “The SMART^E 5200 is unique to the market because it provides the highest performance,

most advanced and complete payload, panel, Thermal Vacuum (TVAC) and antenna-range testing for conventional bent-pipe and advanced communications satellites.”

SMART^E 5200 is a highly integrated and reliable COTS-based solution with an extremely intuitive user interface. Completely new, yet already customer-proven, SMART^E 5200’s entire measurement library and underlying measurement and calibration technology have been fully tested and validated with the STI1000C at major customer sites worldwide.

The core modules utilized in the SMART^E 5200 have been shipping in other SMART^E applications for approximately two years. Like the software and user interface, the core modules are production-grade and operationally proven in the field. When combined with proven accessories such as the Remote Calibration Unit (RCU), which allows TVAC testing of payloads with as many as 384 ports at an extended frequency of 40 GHz, the SMART^E 5200 is the most cost effective, most advanced solution available to industry.

Satellite Payload, Panel, TVAC and Antenna Range Testing Using the SMART^E 5200

Aeroflex has more than ten years of experience in fielding synthetic test systems specifically configured for testing satellite payloads. Customers utilize the same systems for all stages of payload integration and test, including panel testing, reference performance testing of the full payload, testing in a thermal vacuum chamber and antenna-range testing in anechoic chambers.

While the different satellite payloads may have many similarities, no two payloads are exactly alike and no two manufacturers have exactly the same test strategies and methodologies. When designing the SMART^E 5200, Aeroflex’s objective was to create a test environment solution with core capabilities that addresses the common aspects of satellite payload test and still remain flexible enough so that it can be easily customized to match the unique requirements of any given payload and associated customer. Each of the Satellite Payload Test Systems from Aeroflex share common core elements, but are customized with unique test aspects for each customer implementation.

While evolving to its fifth generation SMART^E Test Environments, Aeroflex first changed the implementation of the core RF/microwave functions to be more modular in terms of the frequency ranges and power characteristics for the various applications. Satellite payloads operate at different frequencies and power levels depending upon the system application/mission to which they are applied. Frequency and power are two of the most basic cost drivers for microwave equipment, so the most cost-efficient solution is a test system that optimally and dynamically matches the range of frequency and power characteristics of the modules to be tested.

Together with full diagnostic capabilities, calibration and NIST traceable standards, Aeroflex supplies a standard library of common tests with each Satellite Payload Test Environment, including:

Payload Control, Multi Carrier, Gain Transfer/ALC, Noise Power Ratio, Noise Figure, Frequency Conversion, Amplitude Linearity, Group Delay/Phase vs. Frequency, Passive Intermodulation, and many more.

Price and Availability

The Aeroflex SMART^E 5200 Series Satellite Payload Test Environment is currently available for delivery 20 to 24 weeks upon receipt of order. Because of SMART^E's high degree of scalability, prices vary considerably. Pricing for specific test configurations can be obtained by contacting Aeroflex SMART^E sales at +1 (614) 888-2700 or requesting a quote at SMART^E-Synthetic-Test@aeroflex.com.

About Aeroflex

Aeroflex Incorporated is a global provider of high technology solutions to the aerospace, defense, cellular and broadband communications markets. The company's diverse technologies allow it to design, develop, manufacture and market a broad range of test, measurement and microelectronic products. Aeroflex Incorporated, founded in 1937, is a privately held company with more than 2,600 employees worldwide. Additional information concerning Aeroflex Incorporated can be found on the company's web site: www.aeroflex.com.

All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, competitive factors and pricing pressures, changes in legal and regulatory requirements, technological change or difficulties, product development risks, commercialization difficulties and general economic conditions. Such statements reflect our current views with respect to the future and are subject to these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.