

Broadband Test Instruments

Deep Memory Generators and Analyzers

Aeroflex specializes in producing digital broadband test and measurement solutions that are critical to the rollout of some of today's most promising and exciting wireless, satellite and military communication technologies. The company's data acquisition and playback systems are fundamental tools used in the design, development and debug of a wide variety of advanced RF recording, analysis and data generation requirements.

Our growing toolbox contains software, Signal Safari™ and hardware components designed for most advanced real world applications. Systems are available in standard configurations to meet most needs. The advanced capabilities of the instruments allow for easy configuration to meet custom solutions for the most demanding requirements.

Broadband Signal Analyzer and Recorder (BSA)



The Aeroflex Broadband Signal Analyzer and Recorder (BSA) family of systems provides the widest bandwidth and deepest memory RF/baseband signal analyzers available today. The BSA combines broadband RF down converters, wide bandwidth high dynamic range ADC converters and deep high-speed memory with the powerful DSP-based GSA signal analysis software.

Broadband Signal and Environment Generator (BSG)



The Aeroflex Broadband Signal and Environment Generator (BSG) family of systems provides the widest bandwidth and deepest memory RF/baseband signal sources available today. The BSG combines a very deep memory, high-speed arbitrary waveform generator and a broadband RF up converter with the powerful VSS/VSP (Vector Signal Simulator/Player) signal generation software.

Broadband Signal Analyzer and Generator (BSAG)

The Aeroflex Broadband Signal and Generator (BSAG) family combines the power of the BSA and BSG into a single instrument solution. The BSAG simultaneously provides the widest bandwidth and deepest memory RF/baseband signal sources and analyzers available today, allowing for stimulus/response measurements in addition to standard BSA and BSG capabilities.

Aeroflex Broadband Products

- Arbitrary Waveform Generators
- Broadband Signal Analyzers (BSA)
- Broadband Signal and Environment Generators (BSG)
- High Speed Digital Pattern Generators (DPG)
- High Speed Digital Data Recorders (DDR)
- Broadband Software

High Speed Digital Pattern Generators (DPG)

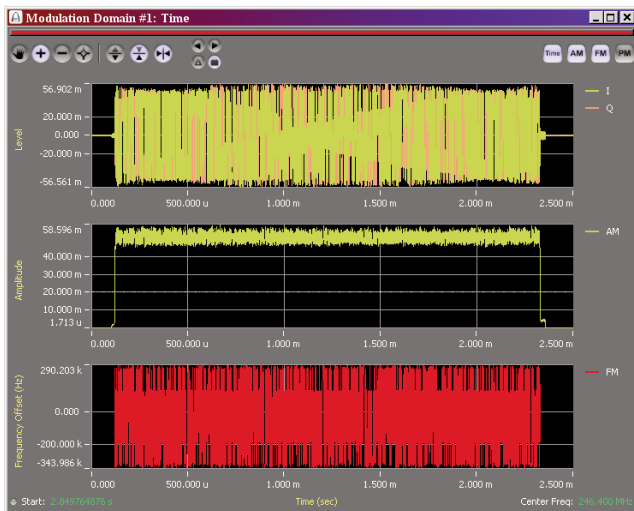
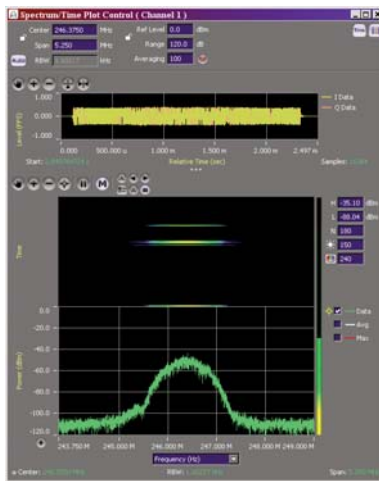
The DPG combines a wide selection of digital output modules with deep digital memory. The DPGs have word rates to 1200 MHz, word widths to 32 bits (expandable to 128 bits using multiple modules) and pattern depths to 28 gigabytes.

High Speed Digital Data Recorders (DDR)

The DDR combines a wide selection of digital input modules with deep digital memory. The DDRs have word rates to 1200 MHz, word widths to 32 bits (expandable to 128 bits using multiple modules) and pattern depths to 28 gigabytes.

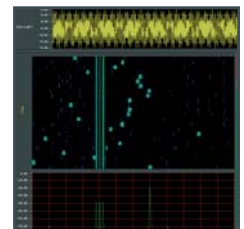
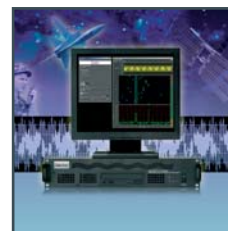
BSA and VSS/VSP Software

Aeroflex's broadband systems are powered through robust software with powerful yet intuitive Graphical User Interfaces. These advanced signal analysis modules provide industry-leading tools for both standard and proprietary modulations.



Signal Safari™ Software

The Signal Safari™ demonstration software provides the ability to generate and analyze all signal modulation types available in the BSA and VSS software. Signal Safari is an excellent environment to explore the power of the BSA and BSG system's software before investing in Aeroflex's Broadband Products.



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