



News Release

March 4th, 2009

Introducing the New GT-2620A Titan System – High Power Microwave Signal Generator System for R&D Labs, antenna, EMC and EW Test Applications



Giga-tronics Incorporated (Nasdaq: GIGA) introduces a new Broadband High-Power Microwave Signal Generator System for high performance test and measurement applications. The GT-2620A High-Power Microwave Signal Generator System, Giga-tronics' Titan System, provides significantly higher power levels at microwave frequencies

than are available from stand-alone signal generators, while maintaining a calibrated level controlled by the signal generator. This capability provides benefits in test productivity and throughput, eliminating the time and cost of manually measuring and setting the amplifier output power level, or developing and automating an external measurement scheme.

The Titan System is built around the Giga-tronics 2520A high-performance microwave signal generator featuring Giga-tronics' patented Accumulative High Frequency Feedback (AHFF) technology that delivers excellent close-in phase noise and fast switching speed, and the Giga-tronics GT-1000A microwave power amplifier incorporating Spatium™ spatially-combining solid-state amplifier technology that delivers exceptionally wide bandwidth, low noise amplification.

Ideal for microwave R&D labs, antenna, EMC and EW test applications, the GT-2620A features:

- 2 GHz to 20 GHz, up to +40 dBm (10 Watts)
- Solid-State broadband; no tubes, no switching of narrow band amplifiers



- Low phase noise, low harmonics and low spurious for high signal purity
- Amplifier output power set directly on the signal generator

“ Our customers constantly request more microwave power either to overcome cable losses in ATE systems or to drive devices with higher signal levels, this is our way of ensuring our customers needs are met” said Malcolm Levy, vice president of Sales and Marketing. “The wideband capability of the Titan system means that old narrow band amplifiers and associated switching systems can be removed to make way for state of the art high power microwave signal generation”

About Giga-tronics:

Founded in 1980, Giga-tronics Incorporated (Nasdaq “GIGA), headquartered in San Ramon, California, is a leading engineering-and-design manufacturer of best-in-class RF and microwave signal generators, modular frequency synthesizers, microwave power amplifiers, USB power sensors, microwave power meters and broadband switching matrices. R&D, production and calibration managers, scientist, engineers and technicians, around the world, use Giga-tronics test equipment and realize higher productivity and greater ease of use in many applications. ATE systems, aerospace & defense and microwave component test.
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Encl. GT-2620 Datasheet