



News Release

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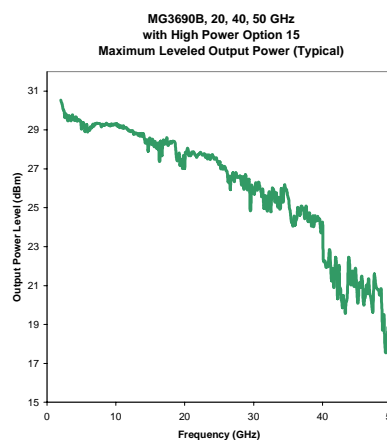
Anritsu Company Introduces Synthesizers with Industry-best Power and Improved Frequency Switching Speed

— New MG3690B Series Offers Improved Phase Sensitive Measurement Capability and Extended Frequency Coverage up to 325 GHz with mmW Modules —

Morgan Hill, CA (**For Immediate Release**) – Anritsu Company introduces the MG3690B series of synthesizers that provide best-in-class power, faster switching speed, and improved phase tracking measurement capability. Covering up to 325 GHz with mmW modules, the MG3690B combines high performance, easy configurability, and an attractive price point, making it well suited for a variety of signal source applications.

The MG3690B is the highest power synthesizer, with +17 dBm of available power at 20 GHz as standard, and +23 dBm as an option. This is an improvement of more than 50% compared to the next comparable synthesizer. At 40 GHz, the high power MG3690B delivers +19 dBm and +13 dBm at 50 GHz. Refer to the figure (right) for typical output power on a high power MG3690B.

(more)



For the manufacturing environment where throughput is critical, the MG3690B has improved its switching time by greater than 50%. Typical switching time for a 1 GHz step is 5 ms, when not crossing any dwell frequencies. The improved frequency switching speed reduces test times, making the MG3690B well suited for integration into automated test stations.

For phase sensitive measurements where the output of the synthesizer needs to track the phase of the reference signal, the MG3690B offers a selectable reference signal bandwidth. This allows a better compromise between phase tracking capability, and phase noise immunity from a noisy reference signal.

Six coaxial models are available in the MG3690B series. The models cover a variety of frequency ranges from 0.1 Hz to 65 GHz, operational to 67 GHz. With the addition of new 63850-xx series banded waveguide multipliers, the frequency range can be extended 325 GHz.

The MG3690B has a delivery of 4 to 6 weeks.

About Anritsu

Anritsu Company is the American subsidiary of Anritsu Corporation, a global provider of innovative solutions for more than 100 years. With offices throughout the United States, as well as in Canada, Central America, and South America, Anritsu Company provides solutions for existing and next-generation wired and wireless communication systems. Its measurement solutions include optical, microwave/RF, wireless and digital instruments that can be used during R&D, manufacturing, installation, and maintenance. Anritsu Company also provides precision microwave/RF components, optical devices, and high-speed devices for design into communication products and systems.

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