

AT-AWG-GS 2500

14 Bit - 2.5 GS/s Arbitrary Waveform Generator



14 Bit - 2.5 GS/s Real Time Sample Rate

>1 GHz Analog Bandwidth

Multi Channel Synchronization

32 Bits / 1.25 Gbps Digital Output



AT-AWG-GS 2500

THE NEXT GENERATION OF WAVEFORMS

**14 BIT ARBITRARY WAVEFORM GENERATOR:
2.5 GS/s REAL TIME SAMPLE RATE, >1 GHz ANALOG BANDWIDTH**

NEW GENERATION WAVEFORMS FOR COMPLEX REAL-WORLD SIGNALS

High bandwidth and high resolution AWGs help you to generate with confidence complex signals like digital modulations and RF stimuli for functional and performance tests.

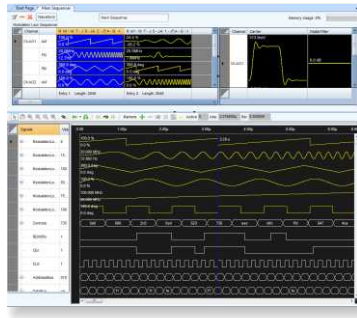
AT-AWG-GS 2500, by combining 2.5 GS/s with 14 Bit Vertical Resolution, gives you high performance analog and digital waveforms to meet demanding for test signals and application where speed, resolution and quality is an issue.

TEST WITH CONFIDENCE

- RF Signal Generation
- Digital Modulation
- Very Low Harmonic Distortion
- Output Selection: RF amp, Direct DAC, DC amp
- High Speed Digital Outputs
- Multi-Instrument Synchronization
- Arbitrary, DDS and Function Generator modes

SW USER INTERFACES

- Easy Function Generator UI
- Advanced Arbitrary/DDS UI: powerful sequencer with looping, conditional jumps and subsequencies



KEY FEATURES *

- 2.5 GS/s Real Time Sample Rate
- 14 Bit Resolution
- 1 GHz Analog Bandwidth
- Long Memory: 64 Mpts/Ch
- 2 Channels
- Direct DAC Out - DC Coupled: 1.6 Vpp Differential / 0.8 Vpp S.E. >1 GHz Bandwidth
- RF Amp Out - AC Coupled: -10 dBm to +10 dBm Diff. Output >1GHz Bandwidth
- DC Amp Out - DC Coupled: 4 Vpp Differential / 2 Vpp S.E. >600 MHz Bandwidth
- Harmonic Distortion: <-65 dBc
- Non-Harmonic Distortion: <-74dBc (1kHz to 1GHz)
- Multi Channel Synchronization: 10 ps resolution skew control
- Arbitrary, DDS and Function Generator modes
- Advanced Waveform Sequencer
- Digital Pattern Generator: 16/32 Bits @ 1250/625 Mbps

*Preliminary. Subject to change without notice.

About Active Technologies

Active Technologies is an Italian company expert in semiconductor test equipment and electronic instrumentation design.



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