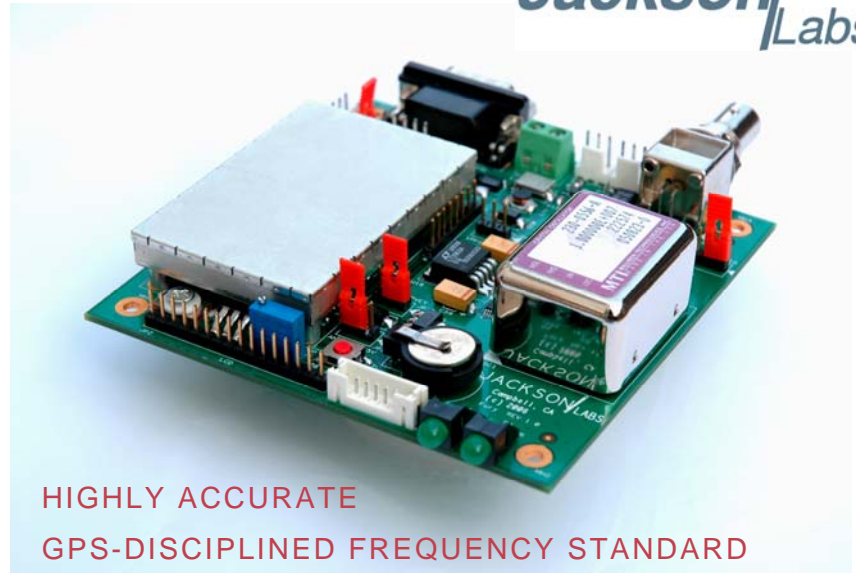


Fury GPS Disciplined Frequency Standard



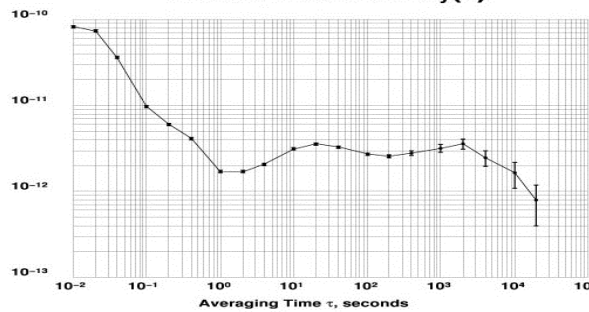
KEY FEATURES

- Extremely low phase-noise and Allan Deviation (best in class)
- Concurrent, Multi-GNSS 8th Generation GNSS Receiver
- Double-Oven OCXO option
- GPSDO 1PPS output with <10ns 1-Sigma to UTC
- 10MHz 3.3V/5V CMOS output
- 10MHz Sine-Wave output +6dBm, <-55dBc Harmonics
- Better than 1E-012 long term accuracy
- Raw GPS-driven 1PPS, and OCXO-driven 1PPS output
- 6.7ns capture resolution
- Very low power consumption: 12V @ <5W
- Small 10cm x 10cm form factor
- LCD and Keypad Control
- RS232 operation/control with SCPI-99 commands (HP/Agilent compatible)



HIGHLY ACCURATE
GPS-DISCIPLINED FREQUENCY STANDARD

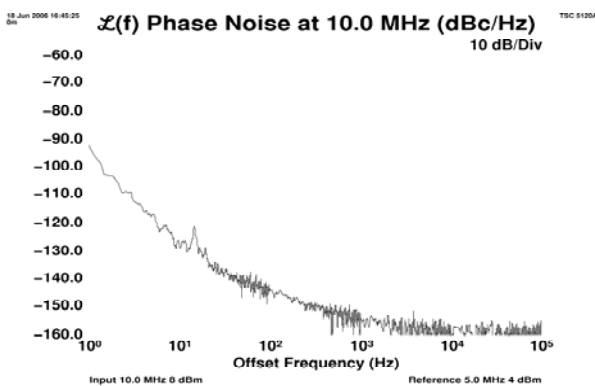
Allan Deviation $\sigma_y(\tau)$



The Fury GPSDO uses a latest-generation Concurrent GNSS (GPS/Glonass/Galileo/BeiDou/QZSS) timing receiver and an OCXO to exceed 1E-12 averaged performance typ.

“ *Setting new standards in frequency generation for engineering, test & measurement, broadcast, defense, and research.* ”

The new Fury GPSDO presents unprecedented frequency accuracy by combining the highest possible GPS timing performance with the very latest in OCXO technology in one cost-effective module. Allan Deviations of less than 1E-011 are possible for measurement intervals greater than 0.1 seconds. Phase noise of <<125dBc at >10Hz offsets is standard. Power consumption of <5W from 11.0V to 14V allow battery operation. A high-end concurrent GNSS Timing Receiver drives an ultra-stable OCXO frequency reference under the control of a 32bit Micro-processor. Hold-over mode with aging and temperature compensation. Alarm outputs. The unit can be controlled by using an LCD and keypad, or via RS-232 control using standard SCPI commands, as well as through dual USB ports. Settings are automatically stored in non-volatile memory. Sine-wave and CMOS outputs are standard.



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Unmatched price/performance

