



## MtronPTI Introduces Low G-Sensitivity OCXO with Vibration Compensation

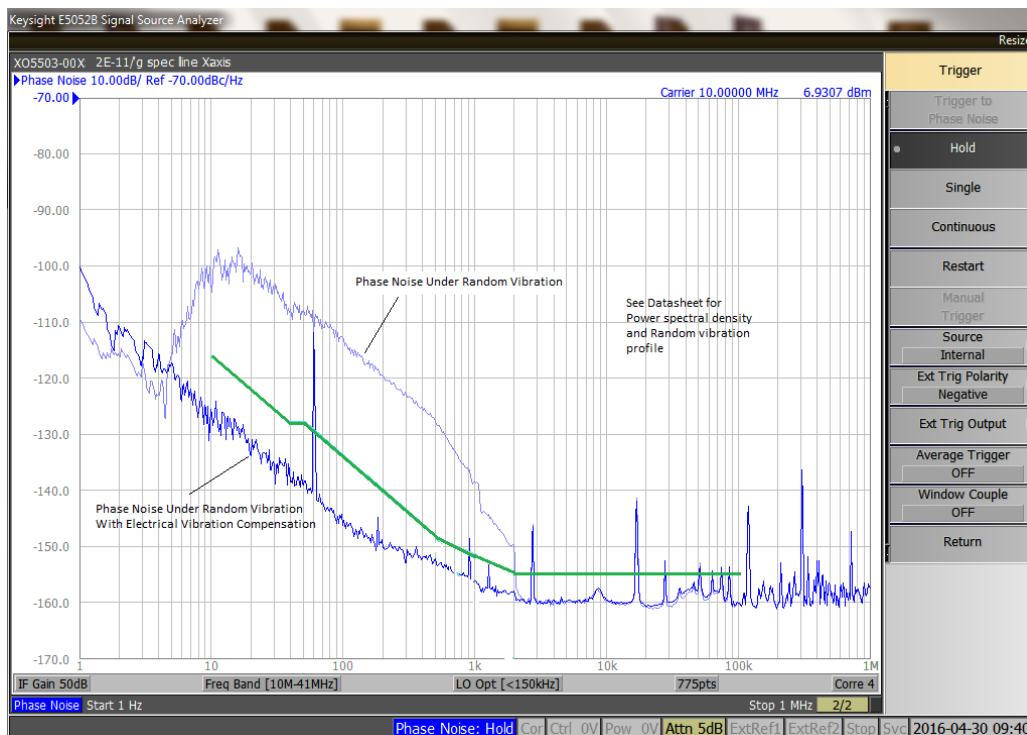
**Orlando, FL, May 11, 2016** – MtronPTI, leader in precision frequency control and custom RF/microwave filters, today announced XO5503 Series Low G-Sensitivity OCXO with Vibration Compensation for Military and radar application. XO5503 is designed for application where superior performance is required under high vibration environment.

In military communications and radar applications, reliability comes first. The communication link must stay up; the picture must be clear even when conditions are less than ideal. Radars and satellite tuners use high performance crystal oscillators to keep frequencies quiet for clear pictures and exact for good channel lock but it's often a difficult tradeoff: size, weight and power constraints versus ultimate noise performance when looking for small slow moving targets from shaking platforms. The MtronPTI XO5503 Series incorporates in-house SC-cut quartz resonator and unique electronic vibration compensation techniques resulting in superior performance under vibration and 0.02 ppb/g g-sensitivity.

The XO5503 Series OCXO replaces bulkier references, raising system performance while lowering size and weight.

### Key Features

- 10 MHz Output
- $<2 \times 10^{-11}/g$ , g-sensitivity, any axis
- Electronic Vibration Compensation
- -133 dBc/Hz @ 100 Hz offset under vibration
- Operating temperature -40 to +85 degree
- 2.0'x2.0'x0.8'max, excluding mounting brackets



**Applications:**

- Airborne and shipboard radar
- Airborne Satellite communications
- Precision Navigation

**About MtronPTI**

MtronPTI is an AS9100 rev C certified designer and manufacturer of advanced highly engineered timing and frequency control solutions for aerospace, defense, instrumentation and Internet communication applications. Based in Orlando, Florida, with design, sales and manufacturing locations in North America, Asia and Europe, MtronPTI is a subsidiary of The LGL Group (NYSE MKT: LGL).

For more information, visit <http://www.mtronpti.com> and <http://www.lglgroup.com>.