

## **“ALL THE MEASURES YOU CAN’T SEE – THE HARD LIFE OF A SMALL PHOTON”**

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THz radiation sources have become commercially available, enabling the industry to exploit the unique properties of THz waves as it combines both, radio waves and infra-red waves. To pave the way for many more potential THz applications adequate measuring technology is essential.

VCSELS today are widely used as light sources in sensing applications. While the benefits of VCSELS are indisputable, and the applications are wide, the development of these systems are still improving with respect to areas such as eye safety, power consumption, and overall system reliability. Knowing how the light source in these systems is behaving is critical to the success of the overall system.