

Tunable 1.9 μ m laser system for Mid-IR upconversion detection - DTU Orbit (08/11/2017)

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A tunable 1.9 μ m Tm:YLF laser was built for low noise infrared upconversion imaging and spectroscopy. Its noise properties are compared to that obtained using a 1064nm mixing laser, focusing on spontaneous parametric downconversion generated noise.

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