

OEwaves ULTRA-NARROW LINEWIDTH LASERS FOR QUANTUM TECHNOLOGIES (DATA)

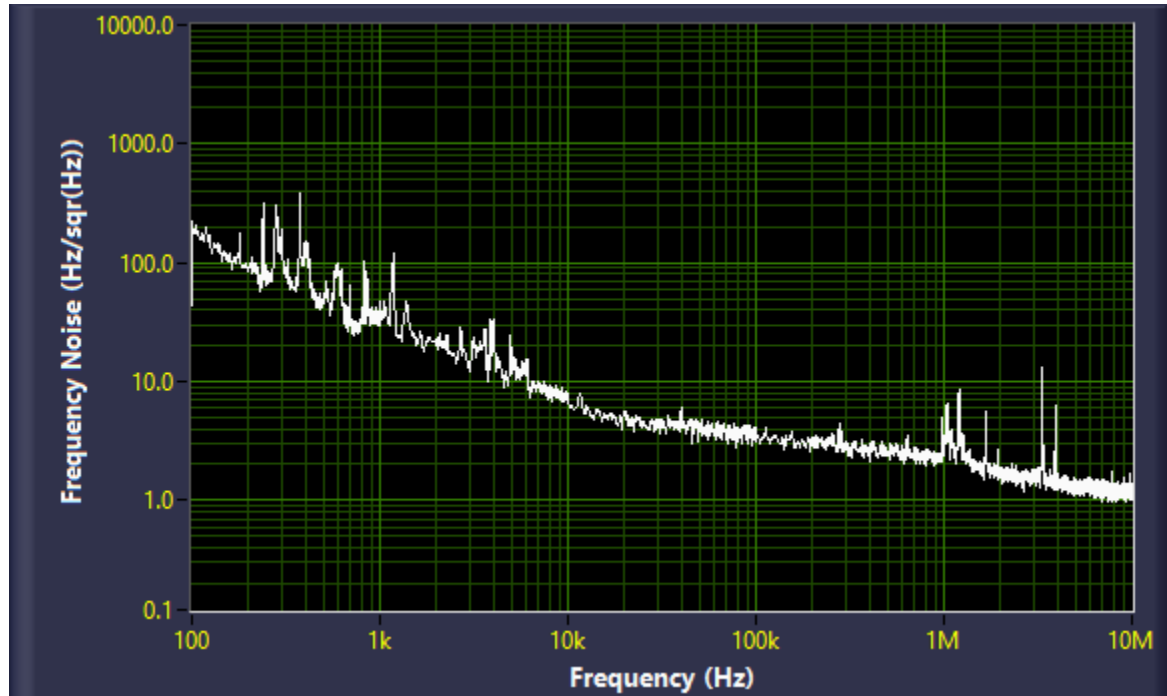
INVENT | DEVELOP | DELIVER
December 14, 2022

PROPRIETARY & CONFIDENTIAL

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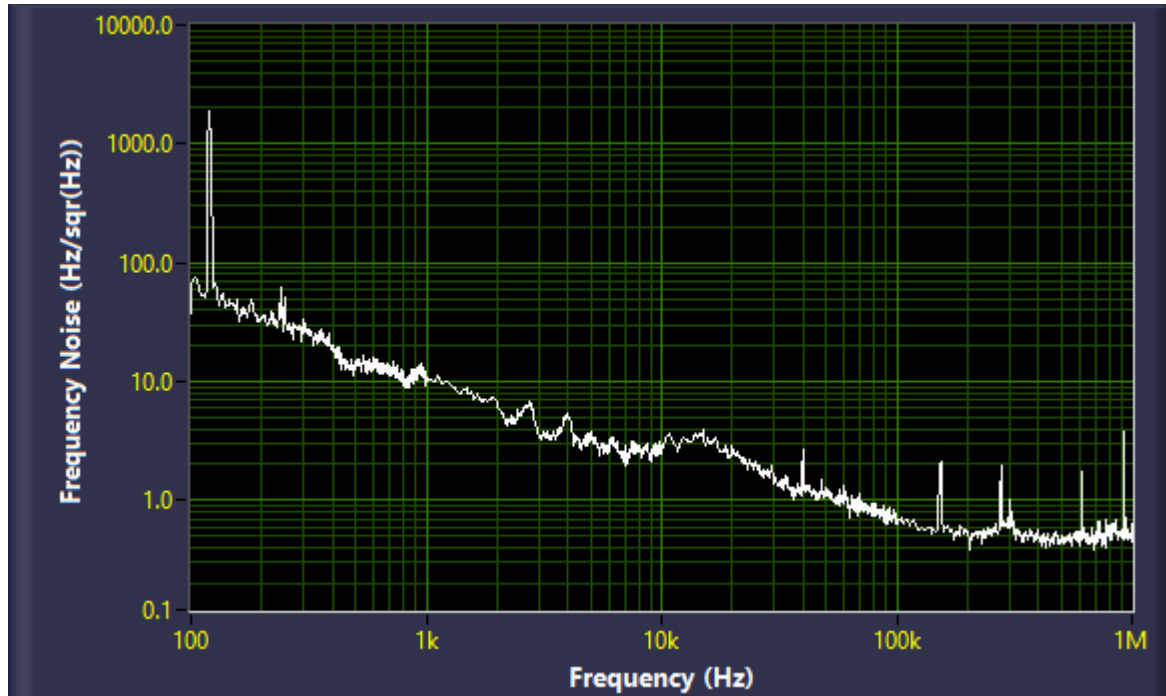
778.10 nm seed laser



Output Power: 4.1 mW
Instantaneous Linewidth: 6.5 Hz
Mode Hop Free Tuning: 19.8 GHz

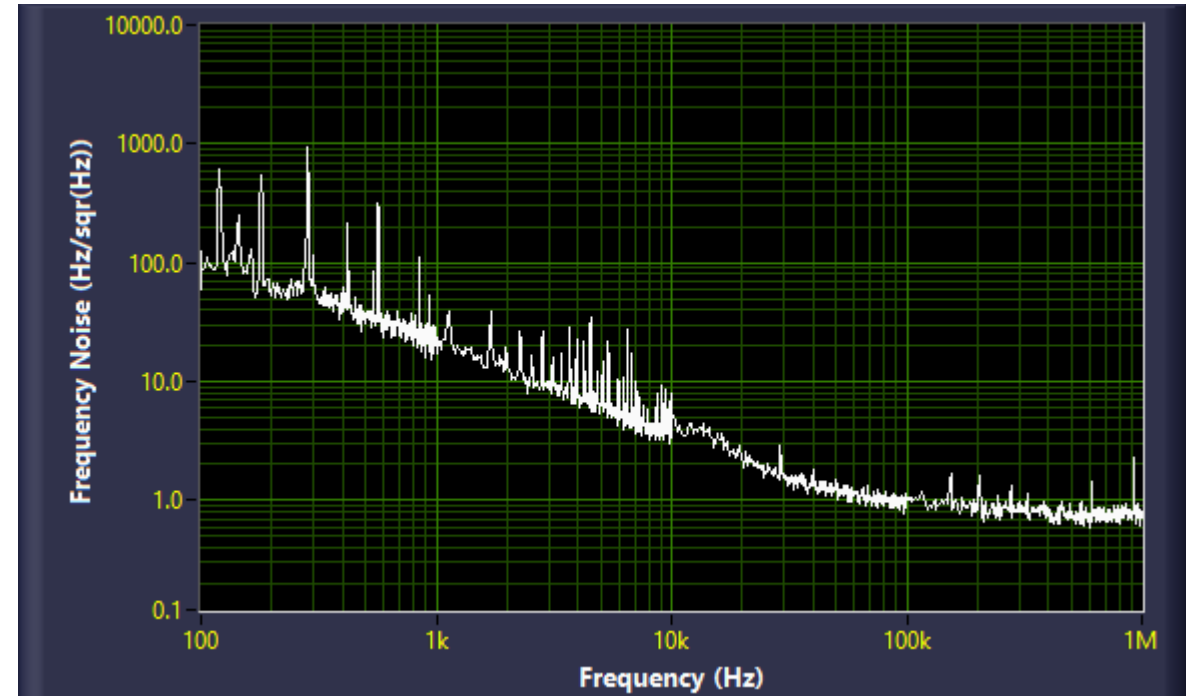
1348.05 nm seed laser with Integrated Amplifier Package

Seed



Output Power: 2 mW
Instantaneous Linewidth: 1.7 Hz
Mode Hop Free Tuning: 18.1 GHz

IAP



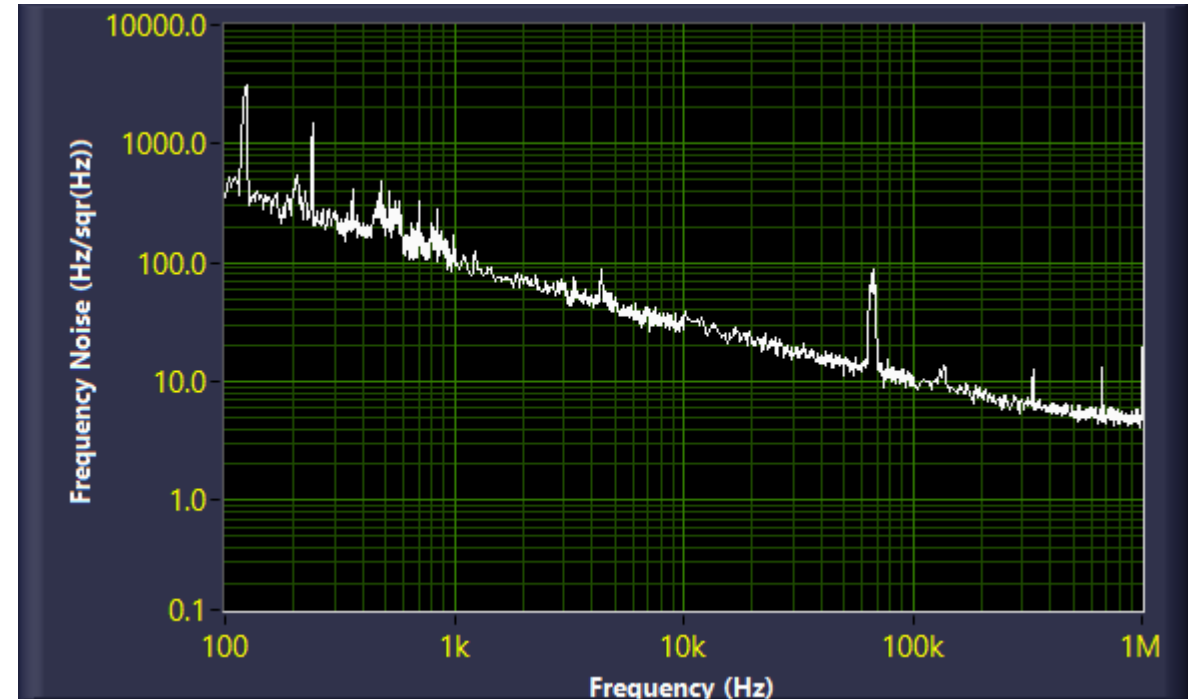
Output Power: 45 mW
Instantaneous Linewidth: 1.8 Hz
Mode Hop Free Tuning: 18.1 GHz

1012.79 nm seed laser with Integrated Amplifier Package

Seed

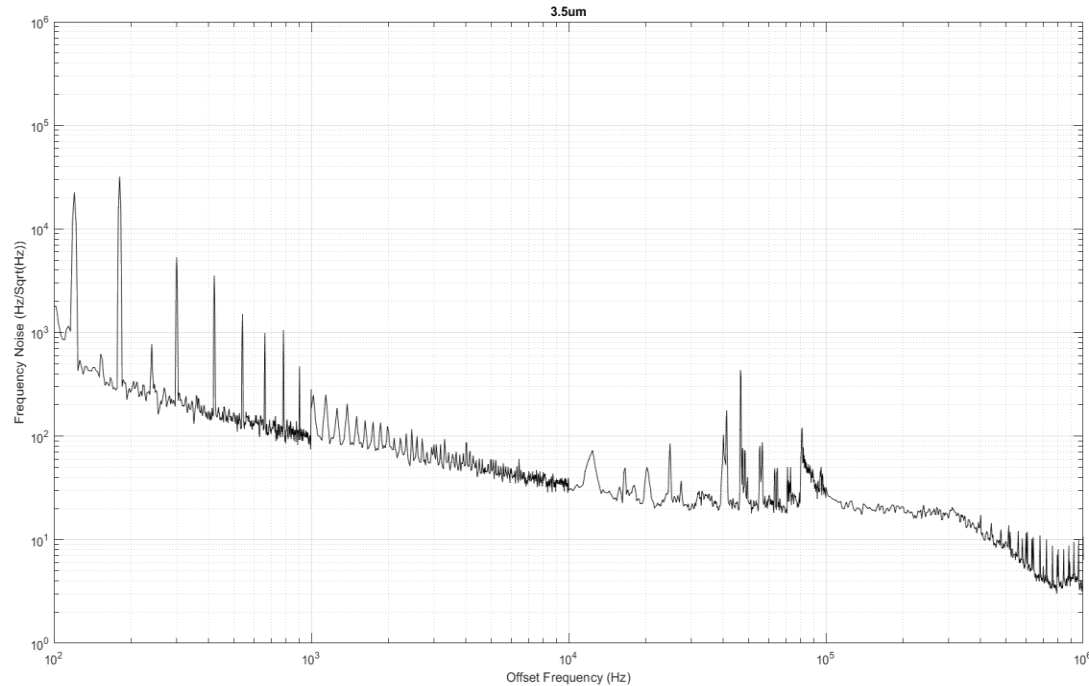
IAP

Output Power: 1.5 mW
Instantaneous Linewidth: 8.6 Hz
Mode Hop Free Tuning: 23.4 GHz



Output Power: 24.1 mW
Instantaneous Linewidth: 53.9 Hz
Mode Hop Free Tuning: 23.4 GHz

3500.00 nm seed laser



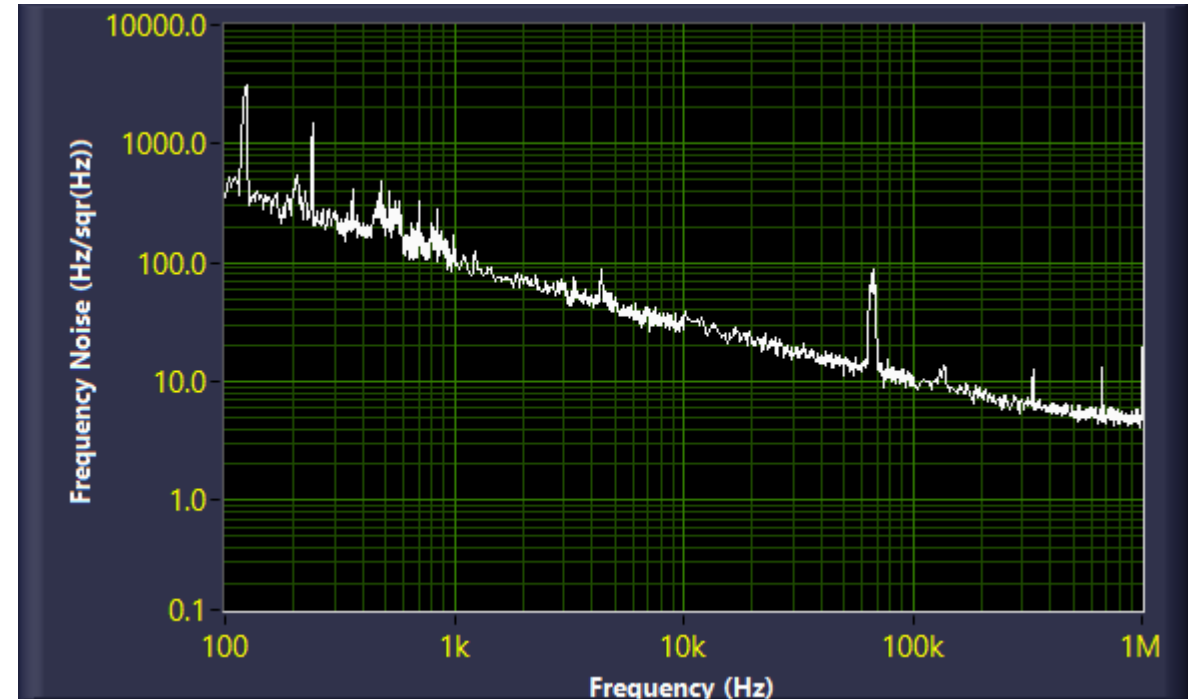
Output Power: 1.2 mW
Instantaneous Linewidth: 10 Hz
Mode Hop Free Tuning: 17.1 GHz

1156.84 nm seed laser with Integrated Amplifier Package

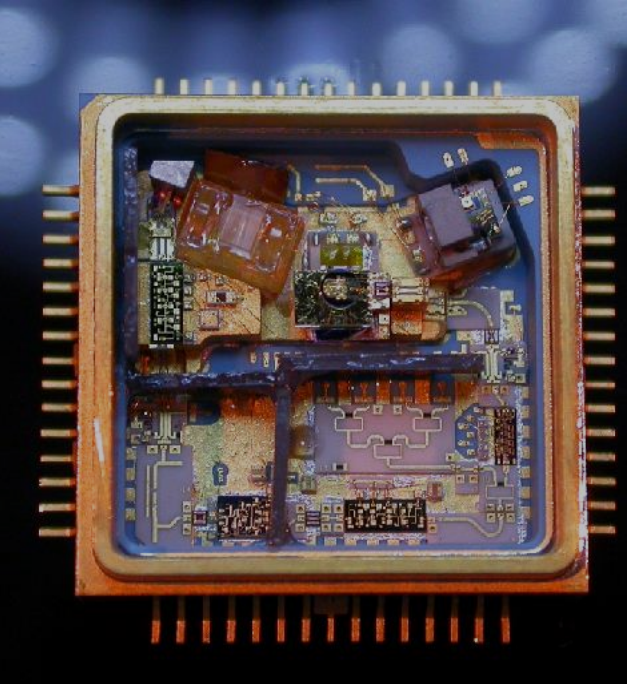
Seed

IAP

Output Power: 3.1 mW
Instantaneous Linewidth: 14.3 Hz
Mode Hop Free Tuning: 17.9 GHz



Output Power: 34.8 mW
Instantaneous Linewidth: 27.8 Hz
Mode Hop Free Tuning: 17.9 GHz



For More Information:

Patrick McNamara

Director of Sales

patrick.mcnamara@oewaves.com

+1-619-838-9502

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