

Figure 1: (left) Schematic representation of a PbSe-based IV-VI VECSEL. The curved Bragg mirror is used as output coupler. (right) Light-in/light-out characteristics at different temperatures.

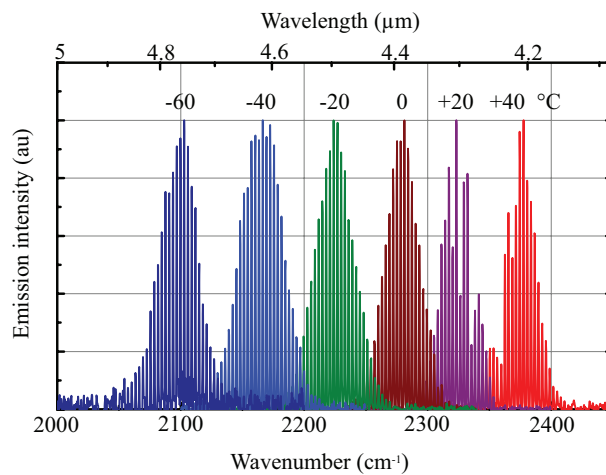


Figure 2: Normalized PbSe based VECSEL lasing spectra at different heat sink temperatures.

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4.5 μm wavelength vertical external cavity surface emitting laser operating above room temperature

Appl. Phys. Lett. **94**, 201112, 2009