

Quantum Dot Mode-Locked Lasers



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The RF spectrum of the 2.3-mm and 3.5-mm two-section passive QDash MLLs. The fundamental repetition frequency is 18.45 GHz and the second harmonic frequency is 36.89 GHz of the 2.3-mm device. The fundamental repetition frequency is 12.3 GHz of the 3.5-mm device. The RF spectrum shows the first three harmonic components clearly.





Extracted field intensity

