

SNAP microresonators fabricated with a flame and a heated wire

D. V. Kudashkin, V. Vassiliev, and M. Sumetsky

Aston Institute of Photonic Technologies, Aston University, Birmingham B4 7ET, UK

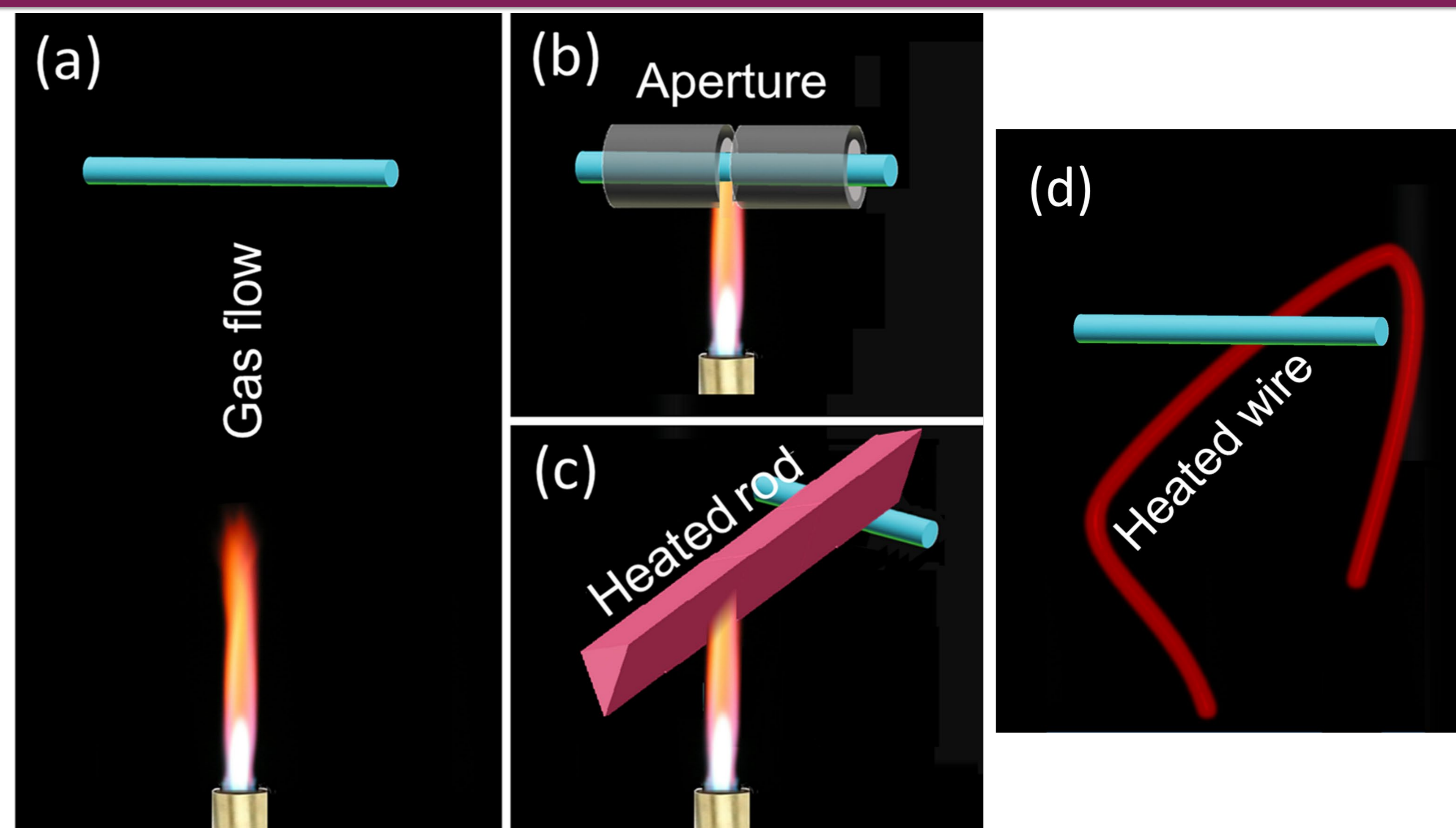


Fig. 1. Fabrication of SNAP microresonators using (a) flame heated gas flow, (b) apertured flame, (c) indirect flame heating, and (d) a heated wire.

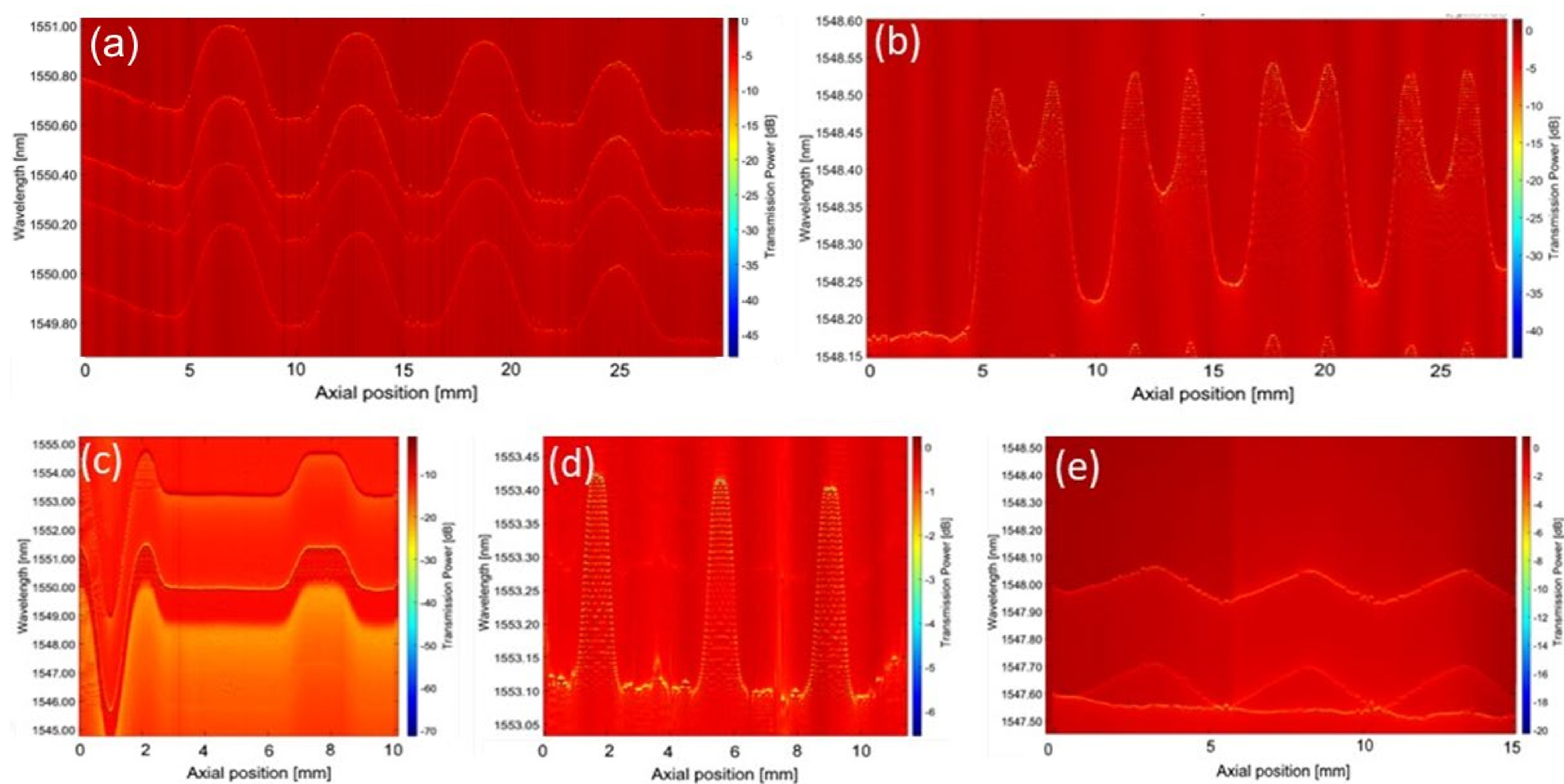


Fig. 2. Spectrograms of SNAP microresonators fabricated with methods illustrated in Fig.1(a)-(c). (a)-(c) Distant gas flow heating. (d) Apertured flame heating. (e) Indirect flame heating.

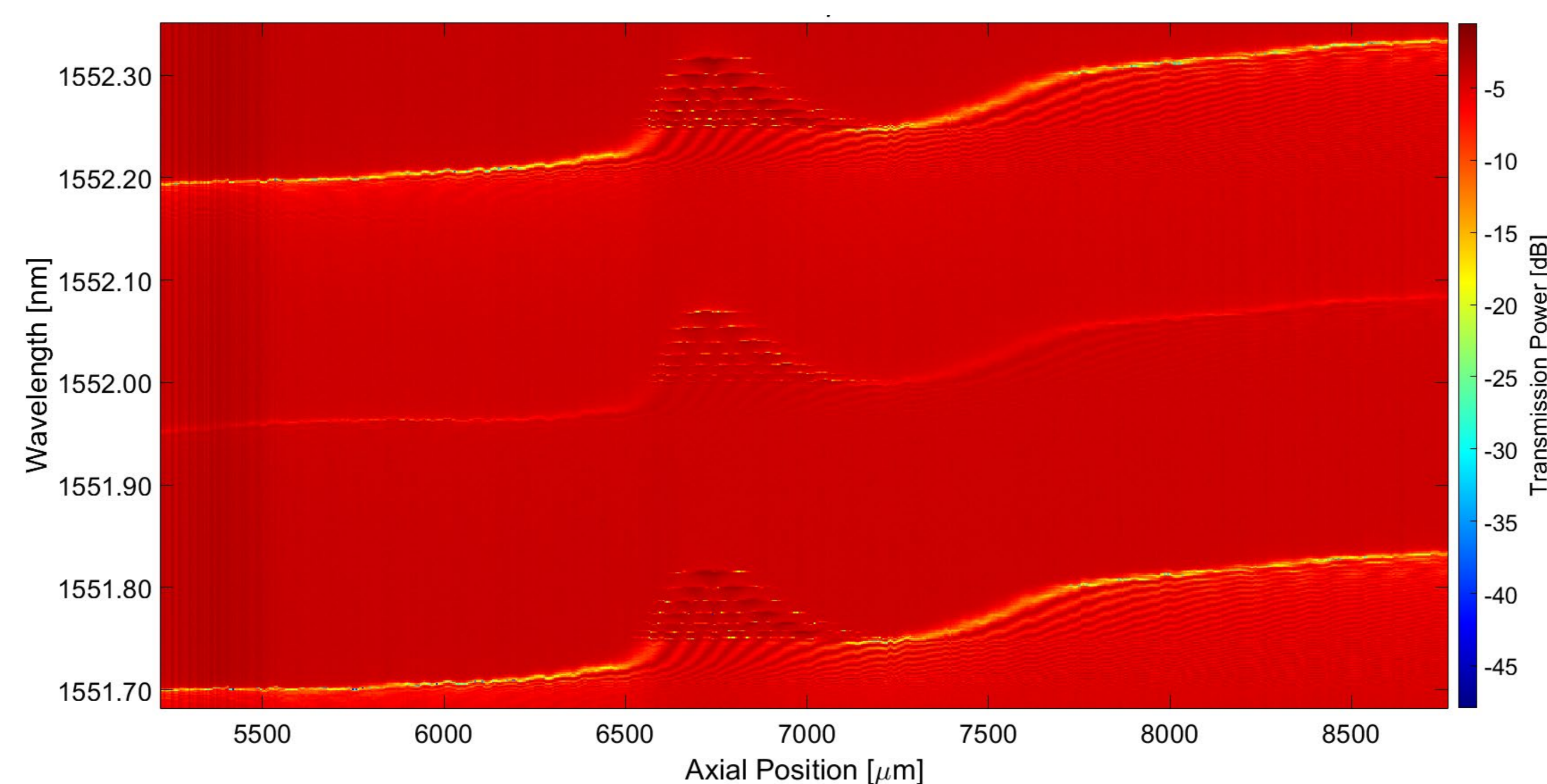


Fig. 3. Spectrogram of a SNAP microresonator fabricated with a heated wire (preliminary experiment).