

## Accepted Manuscript

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(70-x-y)TeO<sub>2</sub>-20WO<sub>3</sub>-10Y<sub>2</sub>O<sub>3</sub>-xEr<sub>2</sub>O<sub>3</sub>-yYb<sub>2</sub>O<sub>3</sub> glasses

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**Research highlights:**

- $\text{Er}^{3+}$  and  $\text{Yb}^{3+}$  doped heavy metal oxide tellurite glasses were prepared.
- Prepared glasses can be used for optical amplifiers and spectral conversion.
- FWHM of 1.54  $\mu\text{m}$  emission of  $\text{Er}^{3+}$  is found to be about 100 nm.

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