

TE Wave Measurements at CEsR-TA

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TE wave transmission is currently used as a diagnostic tool for measurements of the electron cloud density in several regions of the CEsR-TA ring.

While the method is conceptually well established, a number of effects contribute to making a quantitative estimate of the density not straightforward.

We report on the measurements currently performed during CEsR-TA experimental runs, describe experimental challenges, and the methods devised to analyze and solve them.

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