

## **Microphonics Measurements in Spoke Cavities**

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Phase stabilization of the RIA drift-tube cavities in the presence of microphonics will be key for RIA. Tests on the beta=0.4 single-cell cavity, including some with a new "cavity resonance monitor" to measure microphonics, verify that the spoke cavity is a particularly stable structure with respect to both microphonics and Lorentz detuning.