

PZT Tuning for C100 Cavities

The new CEBAF C100 cryomodules have piezoelectric tuners installed for fine tuning. Recently we operated the cryomodule in support of the nuclear physics program here at Jefferson Lab. This poster will describe the microphonics generated during operation that the PZT tuners were designed to minimize, as well as initial results from operations. It will also discuss any hardware modifications, future active tuner designs, and possible passive designs that could be looked into for more desired results.

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