

HIGH POWER TEST RESULTS OF LL CAVITY PACKAGE IN STF0.5 PROGRAM AT KEK

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Abstract

We have successfully made high power test with a LL cavity package in the STF0.5 program at KEK in January to March 2008. One LL cavity package was installed in a cryomodule which could include four packages maximum. This module has been successfully operated at 15-18MV/m. In this paper, we will report the results on the cavity performance, high power capacitive coupled input coupler performance and Lorenz detuning compensated piezo tuner and ball screw mechanical tuner.

**CONTRIBUTION NOT
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