



LCLS-II-HE cavity and cryomodule test performance

Tuesday 23 September 2025 14:30 (3 hours)

The LCLS-II-HE project has completed qualification testing of the 9-cell 1.3 GHz cavities and has completed construction and testing of 22 out of 24 new cryomodules. All but 9 cavities out of over 200 tested have met the qualification requirements in vertical test. The cryomodules have met specifications, exceeding the required accelerating voltage by an average of 25 MV per module. Here we present details of these results and an outlook to the final testing stages and installation plans.

I have read and accept the Privacy Policy Statement

Yes

Footnotes

Funding Agency

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