

RECENT PROGRESS IN HOM DAMPING FROM AROUND THE WORLD

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Abstract

Continuous progress in SRF technology is pushing the beam parameter envelope for SRF linacs towards higher currents and shorter bunch lengths. Therefore, the demands on the HOM dampers used in these SRF linacs are increasing continuously, and Higher-Order-Mode (HOM) damping remains a very active field of research and development. Different HOM damping concepts have been developed and improved over the last years to support high power handling and broadband HOM damping. In this paper we give an overview of recent progress on antenna, waveguide, and beamline HOM dampers.

**CONTRIBUTION NOT
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