

STF BASELINE CAVITIES AND RF COMPONENTS

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Abstract

A cryomodule containing eight 9-cell 1.3 GHz superconducting cavities is under construction for STF phase-I, (STF: Superconducting cryomodule Test Facility). Four baseline cavities are TESLA type and others are aiming at high gradient of 45 MV/m. We will report the design performance of the TESLA type cavities and their RF components like input couplers, HOM couplers and frequency tuners.

NO SUBMISSION RECIEVED