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HPRF Systems of Electron Linac at TRIUMF

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A new facility, ARIEL at Triumf is employed 9 cell superconducting cavity at 1300 MHz cw model to produce radioactive isotope beams. The five superconducting cavities are installed in three cryo modules to accelerate electron beams to energy of 500 KW. This paper will present the high power rf system design, tests, commissions and first operation.

Summary

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