

High-Power Testing of PEP-II RF Cavity Windows *,
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R.A. RIMMER, LBNL - This paper describes the high-
power testing of RF cavity windows for the PEP-II B-
factory. The window is designed for continuous
operation at 476 MHz with up to 500 kW throughput
and has been tested to full power using a modified PEP
klystron. The windows use an anti-multipactor coating
on the vacuum side and the application and processing
of this layer is discussed. The high-power test
configuration, RF processing history and high-power
performance are described.

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