

Performance of the TLS Storage Ring rf System,
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SRRC - The TLS storage ring rf system consists of two
cavities driven by two separate 60 kW rf transmitters
and controlled by two separate low level rf systems is
described. It provides a total gap voltage of 800 kV at
200 mA beam current. The system has been operating
for more than 10,000 hours since its first operation in
March 1993. The performance of the system is
reported. For 1.5 GeV and 300 mA operation, an rf
system upgrade plan includes adding one more cavity
to increase energy acceptance and phase lock loops to
control beam loading is discussed.

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