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## Two-frequency RF system for short bunches for SPring-8 II

Harmonic RF system for SPring-8 II will be presented. The frequency of the harmonic would be half-integer multiple of fundamental RF. This RF system lengthen most of bunches in order to suppress emittance growth and lifetime decrease due to Intra-beam scattering. With this harmonic RF system, short-bunch is also available.

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