

RF MONITORING SYSTEM IN THE INJECTOR LINAC

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Along with the microwave monitor system reinforcement of the 8.0GeV injector Linac for KEKB has been performed. Thirty monitor stations constantly monitor waveforms, peak power levels, and phases of 58 high-power rf sources. The monitor stations that were mainly composed of a VXI system make possible the measurement of pulse-to-pulse events. Data obtained by monitor stations is accumulated and utilized by the operator for beam adjustment through coordination of the beam position monitor, beam diagnosis can also be performed.