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Intro to RF measurement techniques I

Monday 11 November 2024 11:00 (1 hour)

RF measurement techniques are a vital part in today's accelerator design and engineering. In this lecture we cover the measurement of radio-frequency (RF) signals and the characterization of RF components, systems and subsystems deployed in particle accelerators, based on the use of modern measurement instruments, like the RF vector network analyzer (VNA) and the spectrum analyzer (SA). In addition, the handling of more general purpose instruments, like the oscilloscope and others will be covered in this course.

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