

## Determining the effective power of a microwave pulse

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***A method is proposed for determining the power of a pulse or its fragment, based on the concept of effective pulse, effective power and effective time. This technique does not depend on the shape and duration of the pulse waveform but uses only the calculation of energy and the determination of the coordinates of the center of gravity of the squared pulse amplitude. This makes it possible to standardize the digital signal processing procedure for determining power, regardless of the duration and shape of the pulse and the spectral content.***

***Keywords:*** digital signal processing, electromagnetic radiation, microwave pulses, generation time, average pulse power, effective time.

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