

The method and the device for the resonance therapy employing the waves of the millimeter range provides for exposing the specified body areas to the low-intensity non-ionizing electromagnetic radiation in 30-330 GGz frequency range. The radiation is modulated by the low-frequency informational signal by interrupting the emitted flux with the rectangular low-frequency voltage with the pulse period to pulse duration ratio amounting to two. Within the spacing intervals between the irradiating pulses the proper electromagnetic emission of the patient's body is picked up and the frequency of the modulating pulses is changed until the proper radiation emitted by the patient's body is stabilized. The intensity of the therapeutic electromagnetic radiation is adjusted to attain the level, which is equal to or multiple of the intensity of the proper radiation emitted by the patient's body. The apportionment of the therapeutic signal in time allows one to optimize the radiation dose.