

The present invention relates to a device for measuring the intensity of the uncompensated component of electromagnetic radiation emitted by a living organism and can be used in medicine, biology and agriculture. The proposed device contains a microwave antenna, a pulse modulator, a microwave oscillator, a low-frequency oscillator with constant frequency, a mixer, a square-law detector, two low-pass filters, a low-frequency signal amplifier, a synchronous detector, a display unit, and additionally, the second microwave antenna with a screened input, the second pulse modulator, a T junction, and a reference signal source. The present invention provides a possibility to increase the accuracy in estimating the state of a living organism by the results of measuring the uncompensated component of electromagnetic radiation emitted by the living organism.