

Device for registering electromagnetic radiation from biological objects spectrum comprises of connected in series aerial, UHF-modulator and circulator, to the input of which, through determinative attenuator, an UHF noise generator is connected. The output of the circulator is connected to a low-band radiometer, comprising of connected in series UHF-mixer, UHF-oscillator with a unit for the frequency retuning, a controlled intermediate frequency amplifier, amplitude detector, low frequency amplifier and a full-wave synchronous detector, low frequency generator, connected to the control inputs of the UHF-modulator and full-wave synchronous detector. Besides that, to the device are included: a unit of support voltages, integrator, controlled key, low frequency filter, automatic potentiometer and two differential amplifiers. The input of automated potentiometer is connected to the output of the synchronous detector, and its tape-feeding mechanism is kinematically connected to the drive of the unit of the oscillator frequency retuning. Technical result: registration of the radiation spectrum from biological objects irrespectively of the frequency variation of its coefficient of radiation, with high accuracy.