

## QUANTUM ANTIGRAVITATION OF VAPOUR-AIR JET

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We invented the extra-sound device (ESD) which allows to receive the stable extra-sound gas jet with regular interacting structure-shock waves in flooded space. In present paper results of new experiments: beginning from some initial value of pressure in the vicinity of the radius  $r \sim 10m$  of the water-vapour jet in air there arises the phenomenon of quantum antigravitation generated by regular waves. In this vicinity of vapour-air jet there defined the parameters of electromagnetic wave

$$\nu = 10^9 - 10^{16} Hz \quad \lambda : 4 * 10^{-2} - 3 * 10^{-8} m; \quad (1)$$

also, were defined: voltage from  $1kV$  to  $50kV$ , electric field strength  $\sim 10^4 \frac{V}{m}$ , strength in vapour-air jet  $\sim 10^{-6} / 10^{-3} A$ , power of quant radiation at electrons density  $10^{15} m^{-3}$  is  $10^5 1/c$ , Lengmure's frequency, wavelength of which corresponds to the experimental data. We have noted that the character of quants radiation on distance 2-3 radius defined above has antigravitational direction and the potential in the 20-30m distance from jet is constant. Radiation is directed from Earth's surface upwards.