QUANTUM ANTIGRATIVITION OF VAPOUR-AIR JET

KHOLMURAD KHASANOV, *Samarkand University, 15, University Boulevard, Samarkand, Uzbekistan, 703004 (e-mail:hanvar@samarkand.uz).*

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

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

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 experimmental 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.