Editor's Comments

In my opinion; novelties in the conclusion are not well-addressed. I think if authors improve this part, this will be more professional.

Author's Feedback

1)I have added information in introduction :lines 43-46.

In addition, for the solution of a number of problems of artificial photosynthesis, it is also important to create a radiation source that simultaneously radiates spectral bands and lines in the visible and ultraviolet spectral ranges [7-9]. The creation of such emitters of higher power in the visible and ultraviolet spectral ranges requires the diagnostics of spectral characteristics of the plasma at higher pumping frequencies of working mixtures, which was the aim of our studies of spectral characteristics of the plasma of a high-frequency (f = 130 kHz) atmospheric pressure barrier discharge on mixtures of mercury diiodide vapor with neon .

2) Also in conclusion: lines 247-248.

In addition, emission at these wavelengths, one in the visible range and the other in the UV range, can be efficiently used to activate photosynthesis with simultaneous destruction of viruses and bacteria, as well as solving a number of problems of artificial photosynthesis.