## Erratum: Observation of two different types of optical supercontinua: Structured and structureless [Phys. Rev. A 74, 053819 (2006)]

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The anti-Stokes extension of optical supercontinuum (OSC) is defined as the spectral range from the pump wavelength to the shortest wavelength of the generated spectrum, and for structured OSC generated in 6.5 atm of methane it is about  $11600 \text{ cm}^{-1}$ , Fig. 5. Instead of this, we have quoted the bandwidth of the structured OSC, i.e.,  $5600 \text{ cm}^{-1}$ , which, actually, we wish to correct. The anti-Stokes extension of the structured OSC in neutrals, Eq. (1), and plasma, Eq. (2), depends (besides of material and pump pulse parameters) on the length of the self-trapping channel. The later extends with gas pressure toward the entrance cell window and its length may vary from few centimeters to almost the cell length. For the specified case, the length of the self-trapping channel varies typically from 20 cm to 40 cm, depending on the initial (zero pressure) focal position inside the gas cell , as well as on the variation of the pulse-to-pulse parameters. The anti-Stokes extension of the structured OSC due to self-phase modulation in neutrals and plasma can be estimated to  $5500 \text{ cm}^{-1}$  and  $3700 \text{ cm}^{-1}$ , respectively, for 20 cm long self-trapping channel (which is quoted in the text), and 12 200 cm<sup>-1</sup> and 7400 cm<sup>-1</sup>, respectively, for 40 cm long channel. The latter is around the maximum channel length in the shorter transparent gas cell, which, as has been mentioned in the paper, was also used in the OSC experiments in order to monitor the self-trapping pulse propagation. Thus, the self-phase modulation in neutrals may well explain the observed "blue" extension of the structured OSC.

The above specification represents only a technical correction, which neither concerns the validity of the generation mechanism of the structured OSC (for which we have very clear qualitative and quantitative evidences) nor concerns at all the main subject of the work, i.e., the structureless OSC. We apologize to the readers for the specified inaccuracy.