Supporting Information

Characteristics of chemical products under NO_x mode of dielectric barrier discharge: comprehensive effects of specific energy input and magnetic field

Kun Liu,* Jing Dai, and Xiong-Feng Zhou

State Key Laboratory of Power Transmission Equipment Technology, School of Electrical Engineering, Chongqing University, Chongqing 400044, People's Republic of China.

*Authors to whom correspondence should be addressed: liukun@cqu.edu.cn (Kun Liu)

S1. Calibration curve for 4-nitrosophenol

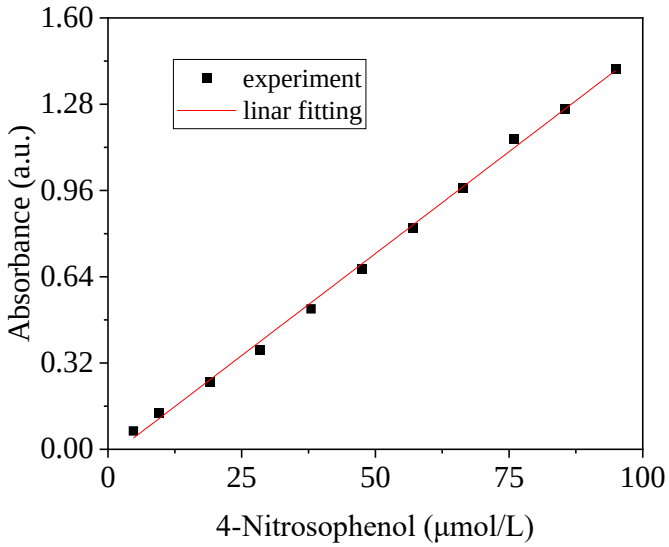

Figure S1 The absorbance versus concentration of 4-nitrosophenol at 397 nm.

S2. Electrical characteristics of discharge

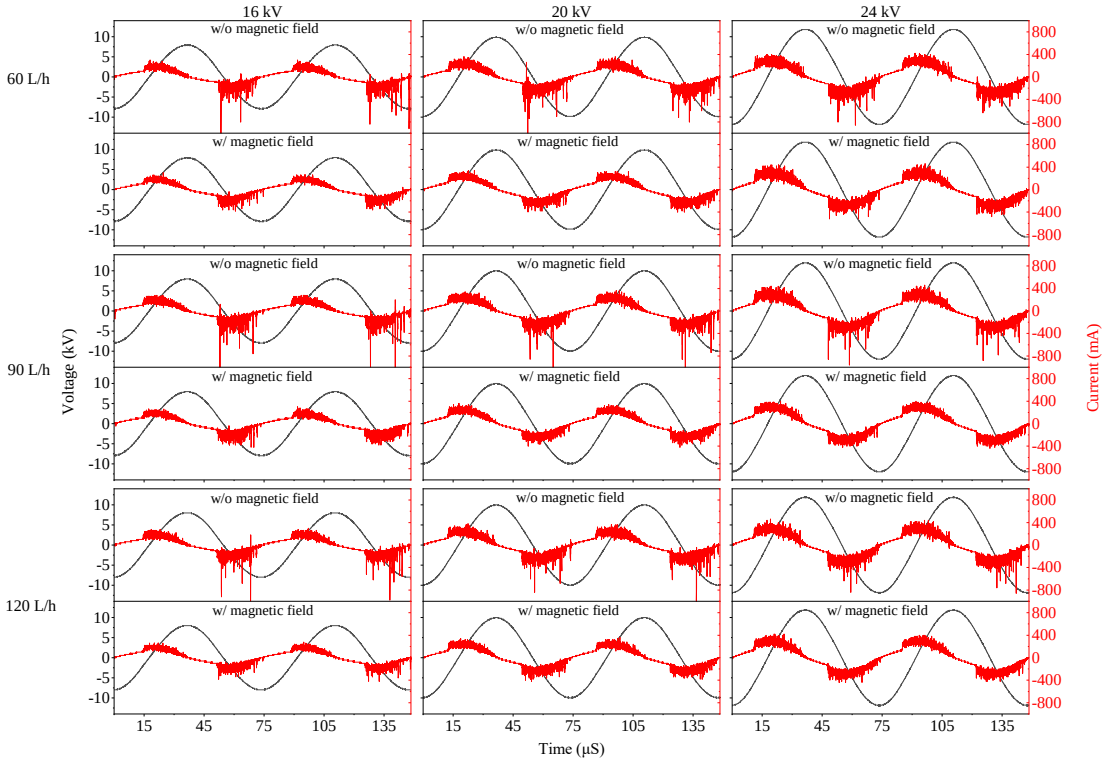

Figure S2 Variation of voltage and current waveforms under different voltages and gas flow rates with and without the magnetic field.

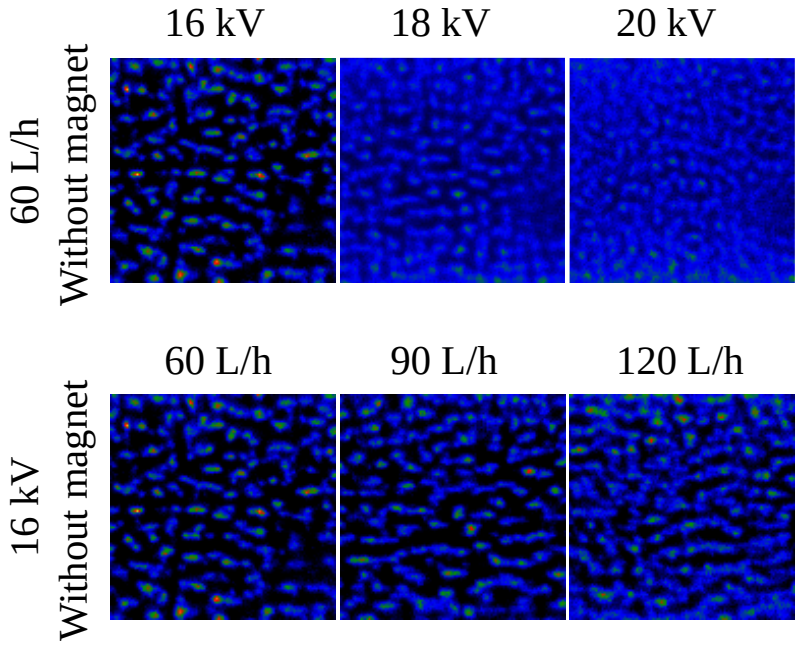

Figure S3 Variation of discharge image under different voltages and gas flow rates.