

Interactive comment on “Ionospheric influence on the seismo-telluric current related to electromagnetic signals observed before the Wenchuan $M_S = 8.0$ earthquake” by Mei Li et al.

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We thank Dr. Freund for his comments on the paper titled ‘Ionospheric influence on the seismo-telluric current related to electromagnetic signals observed before the Wenchuan $M_S=8.0$ earthquake ’

Base on attached file ‘se-2016-89-RC1’, we answer the questions as: (1) We have improved the citation of ‘peroxy defects’ related theory and add several references in the paper. (2) In order to discuss this question, We add a section 4.3 to the paper of 2-D distribution of the wave power surrounding the electrical source. Yes, the power pattern of electrical element $|Ex|$ or $|Ey|$ shows strong power areas as well as weak ones in different directions but maybe not the same as illastrited in (2) in file ‘se-2016-RC1’

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89-RC1'. And the related content all in red can be seen in the revised paper.

Base on attached file 'se-2016-89-FF', we have directly modified something, add something and delete something in the original paper submitted and it is marked in red in revised paper attached below.

We also add some information to acknowledgements in red in revised paper.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/se-2016-89/se-2016-89-AC1-supplement.pdf>

Interactive comment on Solid Earth Discuss., doi:10.5194/se-2016-89, 2016.

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