

Interactive comment on “Electromagnetic field observations by the DEMETER satellite in connection with the 2009 L’Aquila earthquake” by Igor Bertello et al.

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Response to Anonymous Referee #1

We thank the Reviewer who appears to agree with the significance of our results and comments our work as suitable for publication after minor revisions. In the revised version all her/his suggestions have been considered, namely:

1) I just encourage the authors to apply their method to other EQs in a future publication.

Thanks for the suggestion. We are already working on a companion paper about the

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application of our technique to other Earthquakes in Italy and in Chile.

2) Page 1, Line 25 Bell et al. or Bell . In fact there are some problems with the references which are related to the date of the papers (see for example Bertheliet et al. noted as 2005 but in fact it is 2006). We fixed all the references in the paper.

3) Page 4 line 9 meaning of SMT ? SMT is the acronym of Standardized Mean Test. Anyway, since we referred as SM test in the manuscript, we changed SMT into SM test.

4) Page 6 lines 17-18 what means “over l’Aquila” ? Latitude, longitude area ? We added in the paper the geomagnetic location of the DEMETER satellite flying over l’Aquila.

5) Page 7 line 22, what is BANT ? We added in the revised text the meaning of BANT, that is: Boîtier Analogique et Numérique de Traitement. It is equivalent to the Analog Processing Unit.

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