

# ***Interactive comment on “Mesoscale Convective Systems as a source of electromagnetic signals registered by ground-based system and DEMETER satellite” by Karol Martynski et al.***

## **Anonymous Referee #1**

Received and published: 13 December 2020

I think this is a good paper, with detailed analysis of some specific event of MCS. The authors bring together data from ground based registrations of ULF/ELF waves and response in the ionosphere in ELF/VLF range with meteorological data on MCS and lightning activity. The weak side of this paper is analysis of only one case, but the analysis is performed very well and the paper can be treated as case study and worth to be published.

For non-specialist It would be useful to add photo or drawing of the MCS. It would improve brightness of the presentation.

Authors use data from space instruments not being their own they should acknowledge

[Printer-friendly version](#)

[Discussion paper](#)



of the DEMETER PI,s of the instruments which data have been used.

I recommend to publish this paper after these minor improvements.

---

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2020-64>, 2020.

## ANGEOD

---

[Interactive  
comment](#)

[Printer-friendly version](#)

[Discussion paper](#)

