

***Interactive comment on “Atmospheric influences on infrared-laser signals used for occultation measurements between Low Earth Orbit satellites” by S. Schweitzer et al.***

**Anonymous Referee #1**

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Discussion paper page 2694, line 9: the measurement of phase and amplitude does not provide the altitude, this is derived using in addition the pod (anyway used to derive the other quantities too) this should be mentioned here no RO experts might be confused here. page 2695, line 16: consider to rephrase the sentence, it is not clear page 2701, line 20: what is the meaning of 2D climatology? page 2709, starting line 8: consider to streamline the text till ~up to line 25

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Interactive comment on Atmos. Meas. Tech. Discuss., 4, 2689, 2011.