Interactive comment on “Gravity Waves excited during a Minor Sudden Stratospheric Warming” by Andreas Dörnbrack et al.

Anonymous Referee #2

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The paper analyzes stratospheric gravity waves that occurred at the edge of the polar vortex during a minor SSW. Although multiple stratospheric packets are discussed, of particular importance is a suggestion of a divergent stratospheric flow acting as a gravity wave source. As it is a matter of a debate whether gravity waves can be generated in the stratosphere, study supporting stratospheric wave source represents a substantial contribution to scientific progress. The scientific approach and applied methods are valid and thoroughly discussed. The paper properly discusses results of this study in the context of current understanding, and gives sufficient consideration and credit to related work. The paper is well written, concise and clear. I recommend to publish this paper.