Response to the 4th Review of "Evaluation of the ECHAM family radiation codes performance in the representation of the solar signal" by T. Sukhodolov et al.

Paragraph on Page 9, lines 16-23

Changed as suggested by the reviewer.

"temporal modelling" means transient simulation with varying SSI, the term is corrected.

Coefficients do not vary with time, because parameterizations are already the functions of irradiance and the relative deviations of the E5c and E6 solar signal to the reference solar signal, which are filled by the extra heating parameterizations, are almost constant during the solar cycle. The relative behavior of extra heating parameterizations during the solar cycle is also similar.
We suppose that for other schemes situation is the same and for the transient simulation one will need only one set of scaling coefficients.

List of relevant changes

1. Section 4
2. Section 4.1
3. Acknowledgments
4. X-axis title of Figure 1