

# **Antenna calibration of the STEREO/WAVES antennas in the frequency range of the fixed frequency receiver**

**T.H. Oswald** (1), W. Macher (1), G. Fischer (1), H.O. Rucker (1), U.

Taubenschuss(1), J.L. Bougeret (2), A. Lecacheux (2) M.L. Kaiser (3), K. Goetz (4)

(1) Space Research Institute, Austrian Academy of Sciences, Graz, Austria,(2) Observatoire de Paris-Meudon, France,(3) NASA/GSFC, Greenbelt, MD, USA,(4) University of Minnesota, USA (thomas.oswald@oeaw.ac.at)

The STEREO/WAVES experiment includes a fixed frequency receiver which operates at the frequencies of 30.025 MHz and 32.025 Mhz which is well outside the quasi-static range. For this reason, the antenna calibration has to be performed separately at these frequencies and the results have to be treated with special care with regard to the sensitivity on changes of frequency and direction of incidence. The results of these calibrations are presented in this paper.