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In-flight calibration of the STEREO/WAVES antennas

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The STEREO/WAVES experiment uses 3 monopole antennas to measure electric fields from the quasi-static limit to 16MHz with two additional frequencies near 30MHz. Numerical and experimental calibration have been completed, showing very consistent results. Now, as measured data is available, it is possible to verify the results by means of in-flight calibration. Several different approaches to this subject and the corresponding results will be presented.