

Sentinel-1 Radiometric and Geometric Calibration

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Abstract

This paper will give the latest results for various aspects of S-1A and S-1B image quality, radiometric calibration and geometric calibration of Level 1 SLC products. A variety of point targets source are used for this activity: the DLR transponders and corner reflectors in Germany, the BAE corner reflector in the UK, the UZH corner reflectors in Switzerland, the Surate Basin corner reflector array in Australia and the Rosamond corner reflectors in USA.

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Keywords - Calibration targets and sites