

## Calibration and Validation of the Pi-SAR-L2

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Pi-SAR-L2, the JAXA's second version of the L-band airborne full polarimetric SAR started the experimental flight operation in April 2012. Basic specification is similar to Pi-SAR-L. The improvement is given to the higher resolution of the SAR and the perfect synchronization of the IMU and SAR data for image performance improvement. It is expected to complementary support the PALSAR-2 in a way that the south and North Slope can be observed. The larger advantages of forest monitoring and the interferometric coherence were often conducted using the PALSAR. Pi-SAR-L2 will exceed these functionality and performance with the improved basic performance. In this presentation, we will report the current status and the performance.

Keywords: Pi-SAR-L2, Calibration and validation, Polarimetry, IMU

