

KOMPSAT-3 Geometric Quality Assessment

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ABSTRACT: KOMPSAT-3 was successfully launched on May 8th, 2012. It with high resolution optical satellite has been thoroughly tested, calibrated and validated during LEOP (Launch & Early Operation Period) by KARI. KOMPSAT-3 is designed to provide optical 0.7m and 2.8m resolution images to civilian application field such as DEM, Orho-image etc. The validation and assessment of the geometric image quality has been performed by KARI Cal/Val team during the 12 months. The KOMPSAT-3 geometric quality parameters is location accuracy, mapping accuracy, MS-to-MS registration and MS-to-PAN registration. The object of this research is to describe method of geometric quality assessment and schema of quality assessment S/W.

KEY WORDS: Geometric Quality, KOMPSAT-3