

아리랑위성 영상품질 보고서

- 아리랑위성 2호, 3호, 3A호 (2018년 6월, 7월) -

□ 아리랑위성 2호, 3호, 3A호 영상자료 품질 요약

Satellite	Location(Geometric)	MTF(Spatial)	SNR(Radiometric)
 아리랑위성 2호	N/A	7.7%	89
 아리랑위성 3호	28.8m RMSE	10.4%	120
 아리랑위성 3A호	7.7m RMSE	11.6%	99

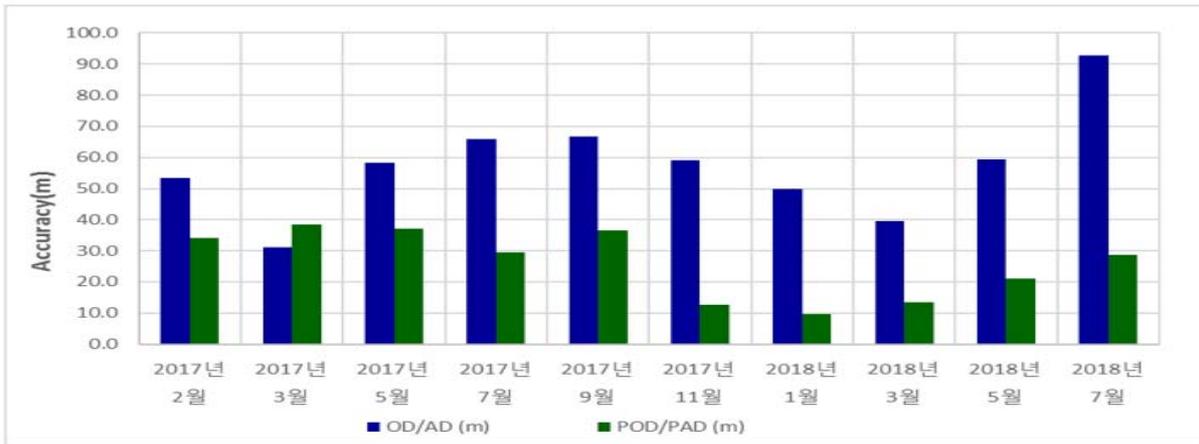
※ 표의 위치정확도(location)는 POD/PAD로 처리한 결과임.

- 붙임 1. 위성별 위치정확도 측정치
 2. 위성별 MTF 측정치

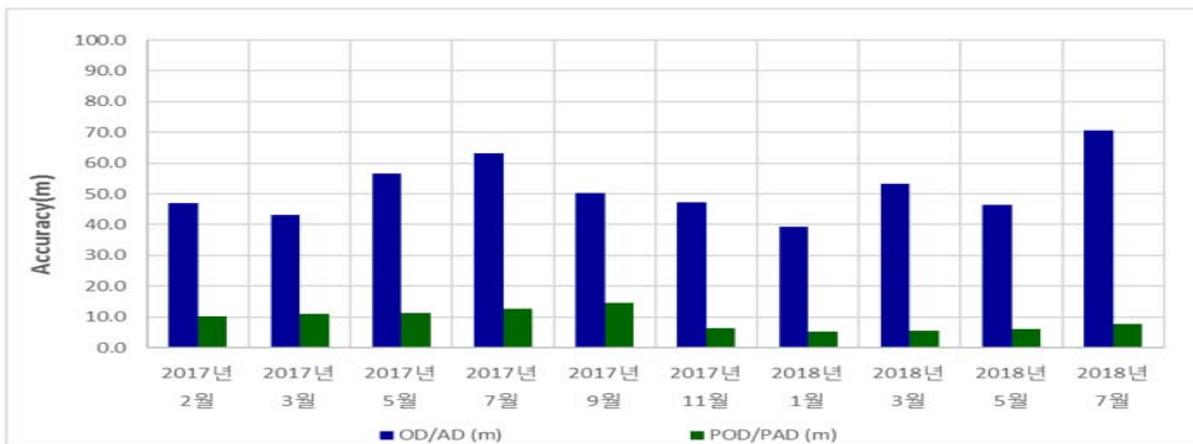
붙임 1. 위치정확도 측정치



아리랑위성 3호 위치정확도 측정치



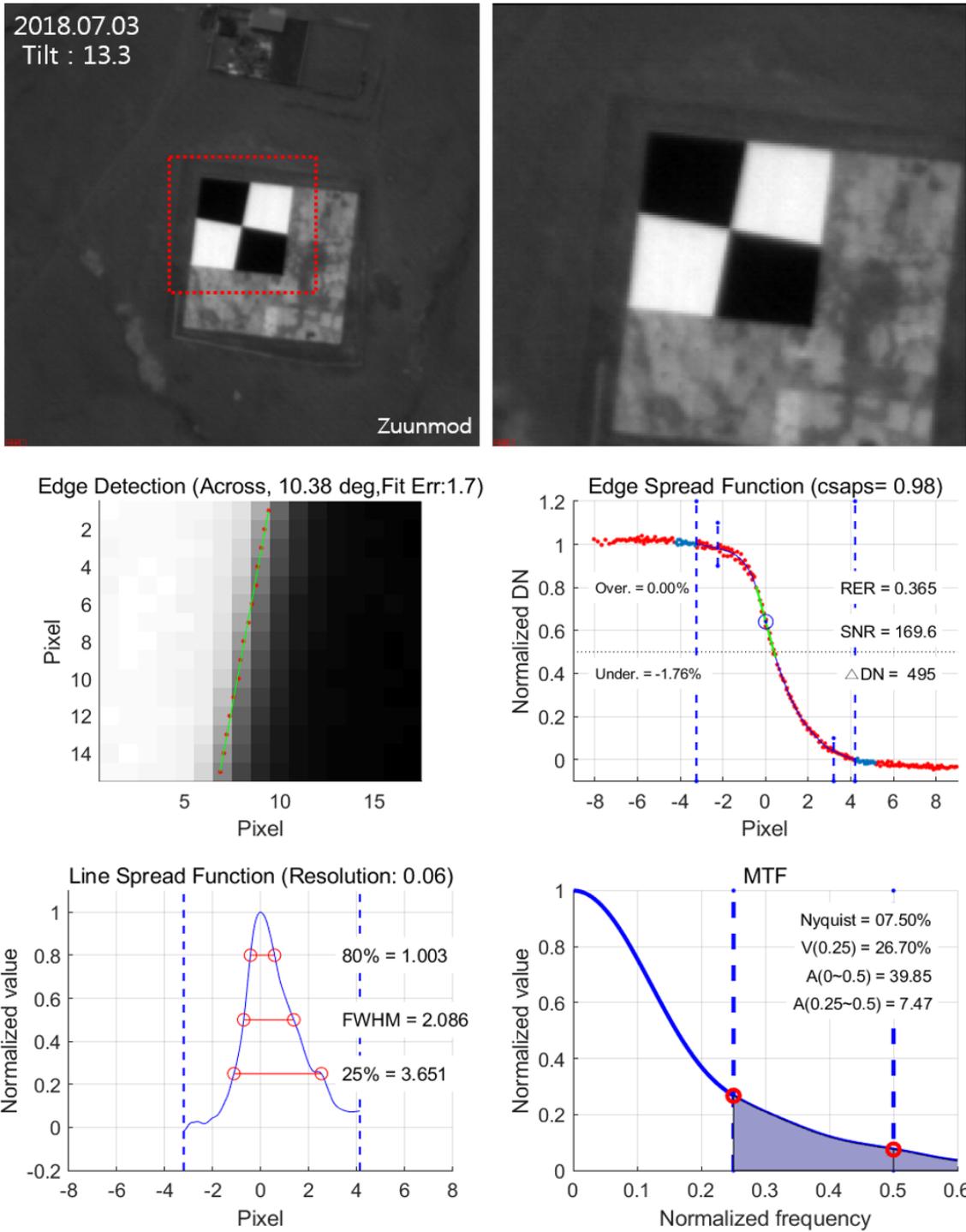
아리랑위성 3A호 위치정확도 측정치



붙임 2. 위성별 MTF 측정치

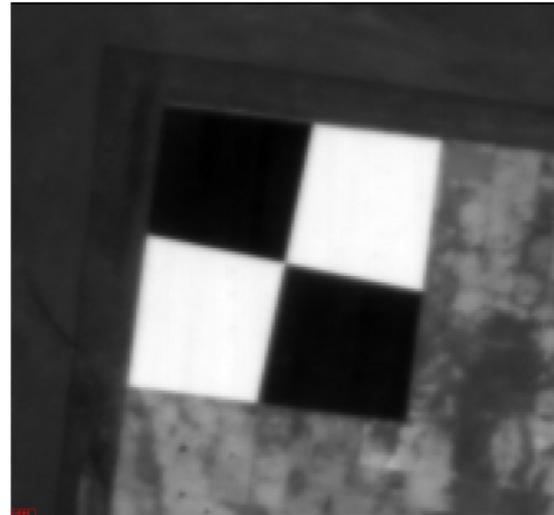
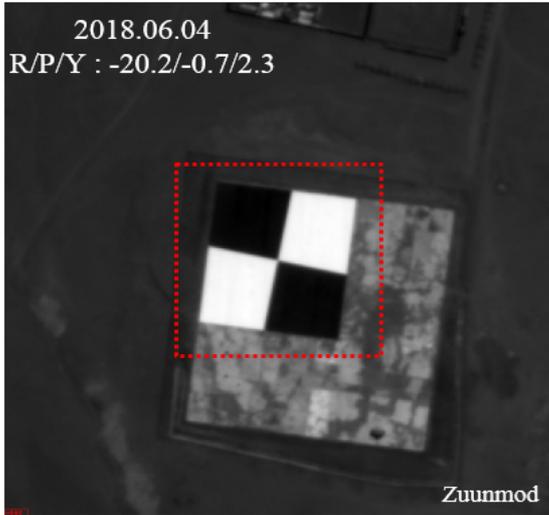


아리랑위성 2호 MTF 측정치

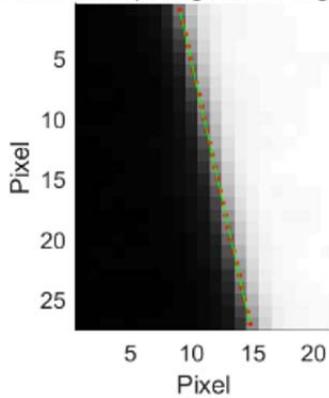




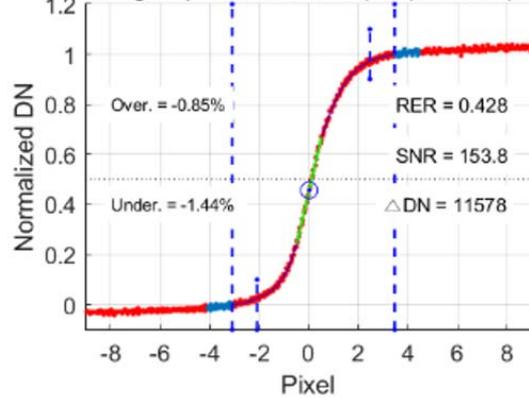
아리랑위성 3호 MTF 측정치



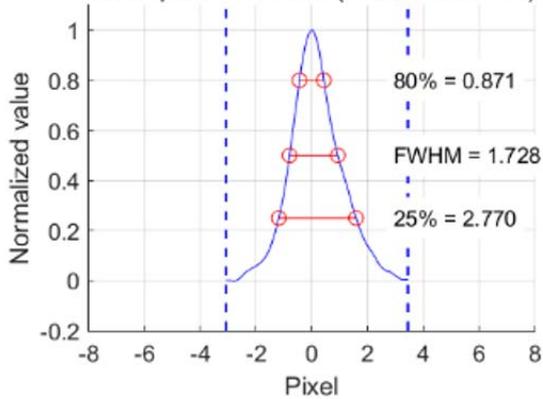
Edge Detection (Along, 12.42 deg, Fit Err:1.0)



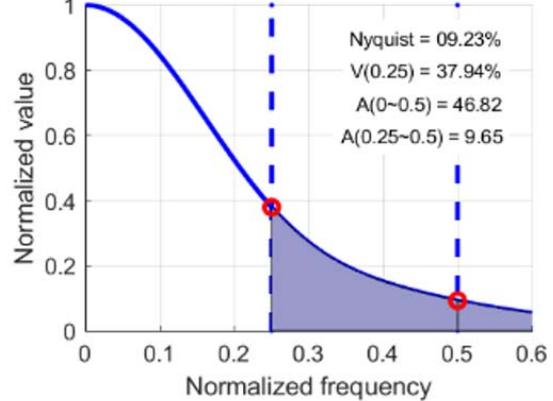
Edge Spread Function (csaps= 0.98)



Line Spread Function (Resolution: 0.05)

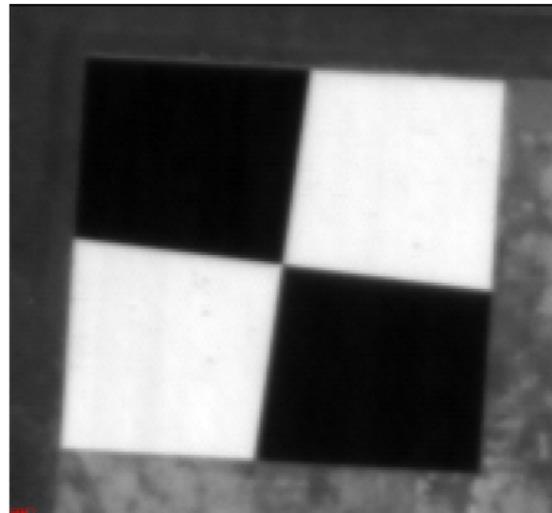


MTF

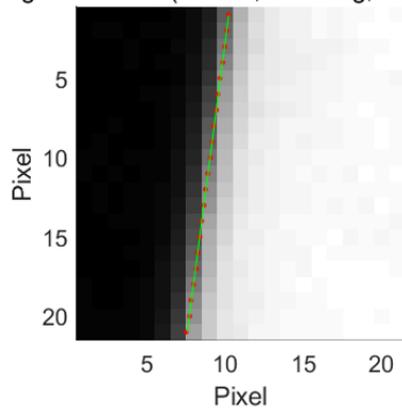




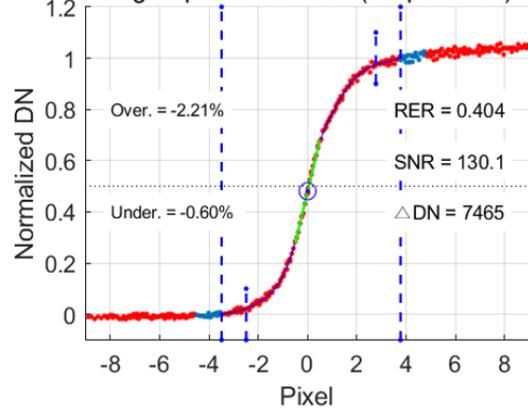
아리랑위성 3A호 MTF 측정치



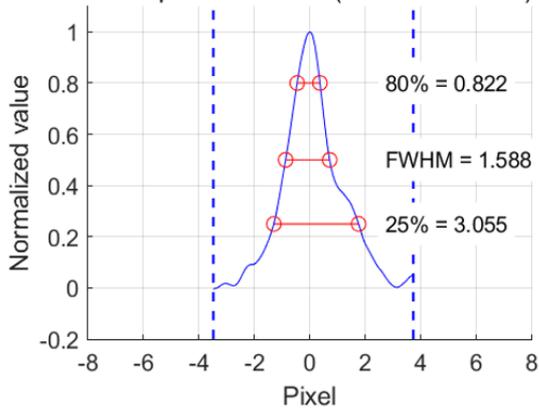
Edge Detection (Across, 7.57 deg, Fit Err: 1.5)



Edge Spread Function (csaps= 0.98)



Line Spread Function (Resolution: 0.05)



MTF

