

**CICS-MD Science Meeting**  
November 12-13, 2014  
College Park, MD

Chunhui Pan

2-2 Evaluation of S-NPP Ozone Mapping Profiler Suite (OMPS) Nadir  
Instrument In-Flight Performance

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We present evaluation of in-flight performance of the S-NPP Ozone Mapping & Profiling Suite (OMPS) Nadir instruments after OMPS nearly three-year operation. With the data collected from in-flight nominal measurements, our results have demonstrated that sensor performance complies with the system specifications in most cases. The largest term in the wavelength dependent albedo calibration uncertainty for Nadir Mapper (NM) is the cross-track position difference effect of 2.5%.