

SRE-02-13

12/5/2013

MESSENGER MASCS UVVS Calibration Update - PDS 11

Prepared by: Aimee Merkel (LASP) and the MASCS team

Observations of Spica and Sirius by the UVVS are used to correct errors in the ground calibration for FUV, MUV and VIS channels. Motivated by differences we see in our observations compared to observations of Spica with the UVS on the Venus Express mission, a more careful analysis of the original Spica data was performed in September 2013. The result is a small adjustment (~15%) to the radiometric sensitivity of the short wavelength portion of the FUV channel. The adjustment to the FUV channel is included in PDS delivery 11.