SORCE/TSIS Overlap Analysis

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TSIS was launched in December 2018 and the SIM instrument started its nominal operations in March 2018. With over 22 months of overlap with the SORCE SIM instrument, we are presenting preliminary results of the absolute scale comparison and the relative stability of these measurements over the 240-2400 nm spectral range. We will address the controversy of the absolute irradiance at the 1.6 micron measured on SORCE by taking advantage of the high fidelity absolute ground calibration of TSIS SIM. Differences in the two datasets over the time of overlap will also be presented over various spectral regions.