



Science results from the Sova-Picard Total Solar Irradiance instrument

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The Picard satellite was successfully launched in a 6-18 orbit on 15 June 2010. Our Sovap TSI instrument started its measurements on 21 July 2010. From July to October 2010 Sovap made low exposure measurements in its nominal operation mode, roughly once per month. On 18 October the operation mode was changed. The right channel has been opened permanently. For ageing verification additional left channel measurements are made monthly.

For the different operation modes of Sova-Picard we present the relative TSI variation and its comparison with Diarad/Virgo, demonstrating no measureable ageing. For the new mode of operation we demonstrate the ability to measure p mode TSI variations without aliasing.