

# **Performance Assessments of the Cross-track Infrared and Microwave Sounder Suite (CrIMSS) Environmental Data Record (EDR) Products**

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The Suomi National Polar-orbiting Partnership (NPP) environmental satellite was launched on October 28, 2011. The sounding Environment Data Records (EDRs) generated from NPP include the Atmospheric Vertical Temperature Profile (AVTP), Atmospheric Vertical Moisture Profile (AVMP), and the Atmospheric Vertical Pressure Profile (AVPP). The AVTP and the AVMP are both Key Performance Parameters (KPPs) and are being used for initialization of high-resolution NWP models, atmospheric stability, etc.. This paper summarizes the sounding EDRs pre-launch performance characterization and provides an update of the NPP CrIMSS Cal Val activities. A first look of the CrIMSS products based on actual NPP observations will also be presented.