

FY-3F HIRAS on orbit calibration performance and comparison with IASI

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FY-3F satellite has been launched successfully in Aug, 2023, HIRAS-II instrument which measures emitting infrared radiance is still on board the satellite, The instrument and ground processing system have entered a stable state and will be in operational status in July 2024. Based on a variety of evaluation methods, the spectral and radiometric calibration accuracy have been evaluated and characterized by using LBLRTM and comparison with IASI.

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