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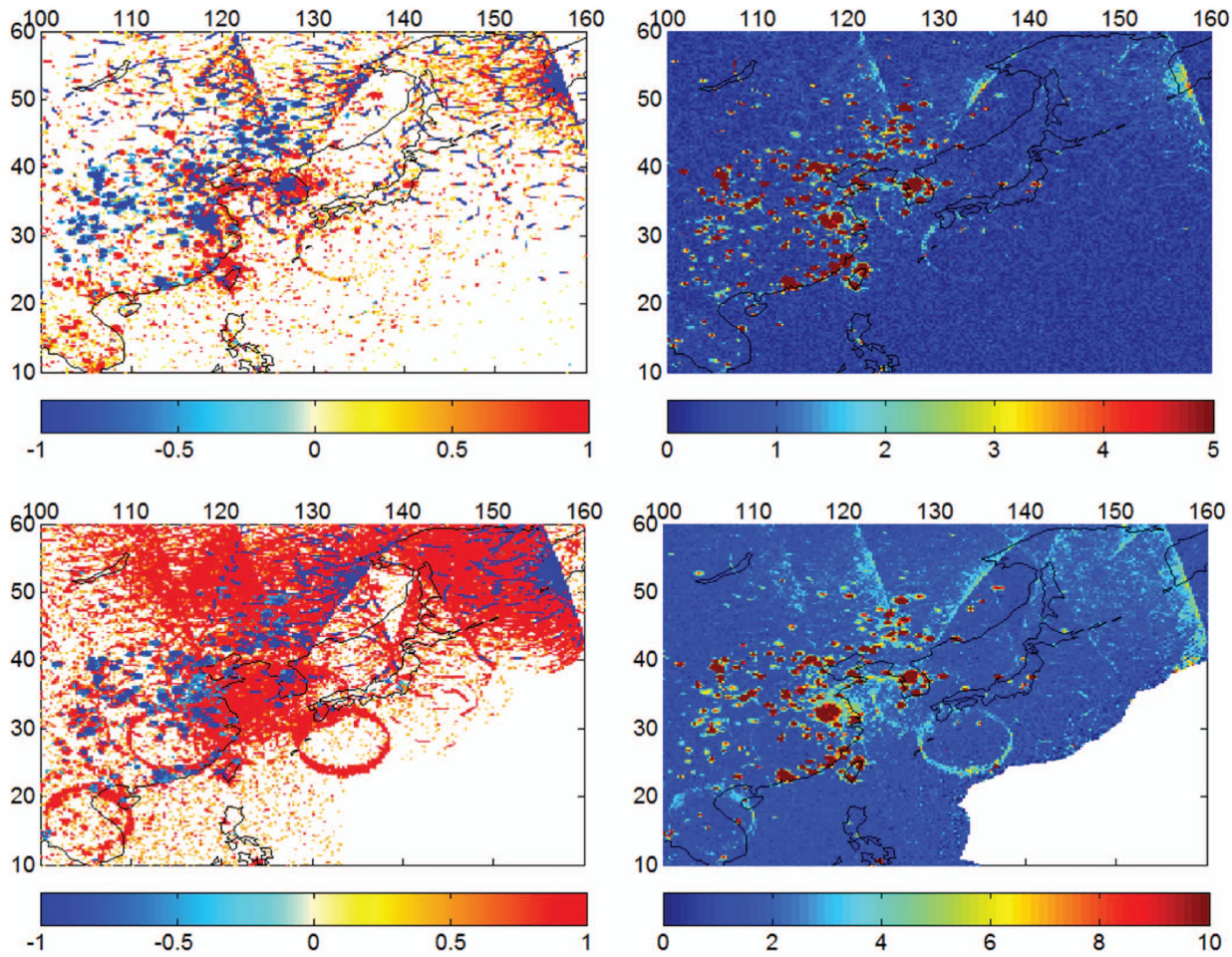

Excess kurtosis values and associated RFI detection rates in East Asia and Japan, as measured by the SMAP mission 1400–1427 MHz radiometer for the period June 3, 2015 to June 9, 2015. The top two figures are excess kurtosis values (left) and kurtosis detection rate (right) over East Asia derived from the full-bandwidth data stream. The bottom two figures show similar information obtained from the channelized data stream.

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About the Cover: The cover illustrates radio-frequency interference (RFI) detected by the SMAP (Soil Moisture Active Passive) mission over East Asia and Japan. Values for the kurtosis statistic, which is used as an RFI detector in the SMAP L1B_TB ground processing algorithm, are shown, using either the fullband (upper plots) or subband (lower plots) datasets provided by SMAP. For more information please see ''SMAP L-Band Microwave Radiometer: RFI Mitigation Prelaunch Analysis and First Year On-Orbit Observations,'' by Mohammed *et al.*, which begins on page 6035.