Korean Solar Radio Burst Locator

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Korea Astronomy and Space Science Institute (KASI) has developed Korean Solar Radio Burst Locator (KSRBL) in collaboration with New Jersey Institute of Technology. KSRBL is a single dish radio spectrograph, which records the spectra of microwave (0.5 – 18 GHz) bursts with 1 MHz spectral resolution and 1 s time cadence, and locates their positions on the solar disk within 2 arcmin. After years of manufacturing and testing at the Owens Valley Radio Observatory (OVRO), California, USA, the system was finally installed at KASI in 2009 August. The system, operation, and early observations of the KSRBL are described.