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## Underground magnetic noise at the SoS Enattos site

*Wednesday, 10 November 2021 19:00 (1 hour)*

We present an extended report on the magnetic noise at the SoS Enattos site, using data collected underground (-111 m) from 2020/09/22 to 2021/11/01 for the N-S magnetic component. To track the time evolution of the noise, we use the Band-Limited Root Mean Square (BLRMS) analyzing different frequency bands. We show the diurnal and seasonal variability of the first Schumann resonances. The observed variability is compatible with other measurements performed in different observatories. We also report interesting results in the low frequency region between 1 Hz and 5 Hz where an important disturb is found during the spring and summer period, and in the 50 Hz region showing a diurnal variability for the 50 Hz peak.

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