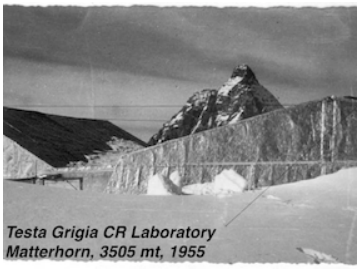

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Radio Emission of Air Showers with energy E0 ≥ 10^19 eV by Yakutsk Array Data.

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In this paper, we present results obtained from the measurements of radio emission at frequency of 32 MHz with energy more than 1019 eV. Generalized formula that describe lateral distribution and depends on main characteristic of the air showers: energy E0 and depth of maximum Xmax was derived.
The formula has a good agreement with data at average and large distances from shower axis. Employing the ratio of radio emission amplitude at distances 175 m and 725 m we determined the depth of maximum Xmax for air shower with energy 3.7·1019 eV, which in our case is equal to Xmax = 769±34g·cm-2.

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