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In response to the LIGO-Virgo GW event S190513bm at T0 = 2019-05-13 20:54:28 (UT), a preliminary analysis of the AGILE minicalorimeter (MCAL) triggered data found no event candidates within a time interval covering +/- 100 sec from the LIGO-Virgo T0.

Three-sigma upper limits (ULs) are obtained for a 1 s integration time at different celestial positions within the accessible S190513bm 90% c.l. localization region (almost 80% of the given GW contour), from a minimum of $8.54E-07$ erg cm⁻² to a maximum of $1.73E-06$ erg cm⁻² (assuming as spectral model a single power law with photon index 1.5). The average off-axis angle is almost 90 degrees.

The AGILE-MCAL detector is a CsI detector with a 4 pi FoV, sensitive in the energy range 0.4-100 MeV. Additional analysis of AGILE data is in progress.