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Authors	LUCARELLI, Fabrizio, Casentini, C., Tavani, M., PITTORI, Carlotta, VERRECCHIA, Francesco, Cardillo, M., PIANO, Giovanni, Ursi, A., BULGARELLI, ANDREA, PARMIGGIANI, NICOLO, PILIA, Maura, Longo, F.
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FROM: Fabrizio Lucarelli at SSDC/INAF-OAR <fabrizio.lucarelli@ssdc.asi.it>

F. Lucarelli (SSDC, and INAF-OAR), C. Casentini (INAF/IAPS), M. Tavani (INAF/IAPS, and Univ. Roma Tor Vergata), C. Pittori, F. Verrecchia (SSDC, and INAF-OAR), M. Cardillo, G. Piano, A. Ursi (INAF/IAPS), A. Bulgarelli, N. Parmiggiani (INAF/OAS-Bologna), M. Pilia (INAF/OA-Cagliari), F. Longo (Univ. Trieste, and INFN Trieste) report on behalf of the AGILE Team:

In response to the LIGO-Virgo GW event S190513bm at $T_0 = 2019-05-13 20:54:28$ (UT) (GCN #24522), we performed an analysis of the AGILE Gamma-Ray Imaging Detector (GRID) data.

An analysis of the data in the energy range 50 MeV - 10 GeV was performed over the time interval ($T_0 - 100$ s; T_0), where an exposure of about 40% of the S190513bm 90% c.l. localization region was available.

The following preliminary GRID values of 3-sigma upper limits (UL) are obtained:

from $5.0e-08$ to $5.0e-07$ erg cm^{-2} s^{-1} .

These measurements were obtained with AGILE observing a large portion of the sky in spinning mode. Additional AGILE GRID data analysis is in progress.