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SUBJECT: LIGO/Virgo S200208q : upper limits from AGILE/GRID observations
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In response to the LIGO-Virgo GW event S200208q at $T_0 = 2020-02-08 13:01:17.991$ (UTC) a preliminary analysis of the AGILE exposure at T_0 shows that the Gamma-Ray Imaging Detector (GRID) exposure covered the 37% of the 90% c.l. localization region (LR).

We performed an analysis of the GRID data in the energy range 50 MeV – 10 GeV on T_0 , where good exposure of the S200208q 90% c.l. LR was available.

No candidate gamma-ray transient was detected.

The following preliminary GRID values of 3-sigma upper limit (UL) are obtained:
from $7.0e-08$ to $7.4e-06$ erg cm^{-2} s^{-1} , with exposure of about 72% of the LR over the time interval (T_0 s ; $T_0 + 100$ s);

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