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GRB 140709A: Possible AMI 15 GHz detection.

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Published in:
GRB Coordinates Network, Circular Service

[Link to publication](#)

Citation for published version (APA):

Anderson, G. E., Fender, R. P., Staley, T. D., van der Horst, A. J., Rowlinson, A., & Rumsey, C. (2014). GRB 140709A: Possible AMI 15 GHz detection. *GRB Coordinates Network, Circular Service, 16595(1)*.
<http://gcn.gsfc.nasa.gov/gcn/gcn3/16595.gcn3>

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TITLE: GCN CIRCULAR
NUMBER: 16595
SUBJECT: GRB 140709A: Possible AMI 15 GHz detection
DATE: 14/07/16 17:37:37 GMT
FROM: Gemma Anderson at U of Oxford <gemma.anderson@astro.ox.ac.uk>

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We observed the position of GRB 140709A (GCN 16546) at 15 GHz with the Arcminute Microkelvin Imager (AMI-LA) starting on 2014 July 11.93 to 12.10 UT, corresponding to 2.88 days post-burst. We have detected a possible radio counterpart consistent with the UVOT-enhanced XRT position (GCN 16548) with a preliminary flux of 0.35 ± 0.06 mJy. However, this source is blended with the nearby NVSS source 201841+511349 lying at an angular distance of 27.5 arcseconds. The angular resolution of AMI is ~ 30 arcseconds. The flux was calculated by first subtracting the contribution from the NVSS source.

Earlier AMI observations on 2014 July 9.05 to 9.14 UT and July 10.04 to 10.2, corresponding to <5 minutes and 1 day post-burst, did not detect a radio source at the position of the GRB with 3 sigma upper limits of 0.30 and 0.21 mJy, respectively. Further AMI monitoring is planned. We thank the AMI staff for scheduling these observations.