



UvA-DARE (Digital Academic Repository)

SN2007bg : GMRT radio observations

Kamble, A.; Pal, S.; Bhattacharya, D.; Wijers, R.; Chandra, I.

Publication date

2009

Document Version

Final published version

Published in

The astronomer's telegram

[Link to publication](#)

Citation for published version (APA):

Kamble, A., Pal, S., Bhattacharya, D., Wijers, R., & Chandra, I. (2009). SN2007bg : GMRT radio observations. *The astronomer's telegram*, 2133.
<http://www.astronomerstelegam.org/?read=2133>

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

Outside
[GCN](#)
[IAUCs](#)
Other
 MacOS: [Dashboard Widget](#)
 Follow ATel on [Twitter](#)
[Strict Enforcement of UTF-8](#)

The Astronomer's Telegram
 for reporting and commenting on new astronomical observations
[Post a New Telegram](#) | [Search](#) | [Information](#) | [Mirror Software](#)
[Telegram Index](#)
[Register To Post](#) | [Email and RSS Subscriptions](#) | [Forgot your password?](#)

Present Time: 19 Oct 2010; 13:18 UT

RSS

XML	Top
XML	Supernovae
XML	Transients
XML	SGRs
XML	Gamma Ray Bursts
XML	Comets

[[Previous](#) | [Next](#) | [ADS](#)]

SN2007bg : GMRT Radio observations

ATel #2133; [Atish Kamble \(U of Amsterdam\)](#), [Sabyasachi Pal \(U of Western Australia\)](#),
[Dipankar Bhattacharya \(IUCAA\)](#), [Ralph Wijers \(U of Amsterdam\)](#) and [Ishwara Chandra \(NCRA\)](#) report on behalf of a larger collaboration
 on 16 Jul 2009; 23:20 UT

Password Certification: [Atish Kamble \(a.p.kamble@uva.nl\)](mailto:atish.kamble@uva.nl)

Subjects: Radio, Gamma-Ray Bursts, Novae, Supernovae, Transients

The GMRT observed SN2007bg (Quimby et al. 2007, CBET #927; Prieto et al. GCN #9444; Soderberg A. M., ATel #2066) on 26th June and 1st July 2009 at 610 and 1280 MHz, respectively. The SN was not detected at 610 MHz to a three sigma upper limit of 225 microJy. The measured brightness of SN2007bg are as follows :

date	Freq. (MHz)	days since discovery	Flux (mJy)
26 Jun 2009	610	~ 802	< 0.225 (3 sigma)
01 July 2009	1280	~ 806	1.2 +/- 0.14

The 'days since discovery' are estimated following Prieto et al. (GCN #9444). These results are indicative that the source is optical.

This message may be cited.

Related

2133 [SN2007bg : GMRT Radio observations](#)

2066 [The radio luminous SN 2007bg: evidence for circumstellar interaction](#)

2065 [Strong radio emission from SN 2007bg one year after the explosion - detection of spreading, off-axis GRB jet?](#)

1142 [Swift Observations of SN 2007bg](#)

[[Telegram Index](#)]

R. E. Rutledge, Editor-in-Chief
 Derek Fox, Editor

rrutledge@astronomersteam.org
 dfox@astronomersteam.org