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SN2007bg : GMRT radio observations

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SN2007bg : GMRT Radio observations

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[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

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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!

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