

1 Introduction

SuperAGILE triggered on and localized GRB 080408 on 2008 Apr 8 at 18:12:48 UT (Soffitta *et al.*, 2008, *GCN Circ.* 7571). The observed duration of the burst in the 20–60 keV band was ~ 20 s, with a single pulse structure. *Swift* started observing this field ~ 25 ks after the trigger. A source was detected inside the SuperAGILE error circle by the XRT, but no UVOT source was seen (Page 2008, *GCN Circ.* 7576). GROND detected a fading optical and near-infrared afterglow (Krühler *et al.*, 2008, *GCN Circ.* 7581) at the location of the X-ray source. The best position for this burst is the GROND position at RA, Dec (J2000.0) = 114:66496 (07^h38^m42^s.68), +33:30414 (+33°18′16″.7).

The Burst Advocate for this burst is Stephen Holland (Stephen.T.Holland@nasa.gov). Please contact the Burst Advocate by e-mail if you require additional information regarding *Swift* follow-up observations of this burst. In extremely urgent cases, after trying the Burst Advocate, you can contact the *Swift* PI by phone (see the *Swift* ToO Web site for information: <http://www.swift.psu.edu/too.html>).

2 XRT Observations and Analysis

The *Swift*/XRT began observations at approximately $T + 25$ ks and detected a source at RA, Dec (J2000.0) = 114:66547 (07^h38^m39^s.71), +33:30341 (+33°18′12″.3). with an uncertainty of $\pm 8''.6$ (radius, 90% containment). This is 2''.4 from the GROND position. The observations were interrupted after ~ 800 s by the BAT detection of GRB 080409 (Holland, *et al.*, 2008, *GCN Circ.* 7573). The XRT source had a count rate of 0.010 ± 0.004 count s⁻¹. Assuming a standard power-law spectrum with $\Gamma = 2$ and Galactic N_{H} (4.33×10^{20} cm⁻²), the corresponding 0.3–10 keV observed (unabsorbed) flux is 5.2×10^{-13} (5.9×10^{-13}) erg cm⁻² s⁻¹.

3 UVOT Observation and Analysis

The *Swift*/UVOT observed the field of GRB 080408 starting at approximately $T + 25$ ks after the BAT trigger. No source is detected in any of the UVOT observations inside the XRT error circle

The 3-sigma upper limits for detecting a source are listed in Table 1. The quoted upper limits have not been corrected for the expected Galactic extinction along the line of sight corresponding to a reddening of $E_{B-V} = 0.04$ mag (Schlegel *et al.*, 1998, ApJS, 500, 525). All photometry is on the UVOT flight system described in Poole *et al.* (2008, MNRAS, 383, 627).

Filter	T_{start} (hr)	Exp(s)	UL
<i>b</i>	7.12	185	20.0
<i>u</i>	7.06	200	19.6
uvw1	6.95	399	20.0

Table 1: UVOT 3- σ upper limits.