

ERRATUM: “A SEARCH FOR RADIO EMISSION FROM TYPE Ia SUPERNOVAE” (2006, *ApJ*, 646, 369)

NINO PANAGIA^{1,7,8}, SCHUYLER D. VAN DYK², KURT W. WEILER³, RICHARD A. SRAMEK⁴,
CHRISTOPHER J. STOCKDALE⁵, AND KIMBERLY P. MURATA⁶

¹ Space Telescope Science Institute, 3700 San Martin Drive, Baltimore, MD 21218, USA; panagia@stsci.edu

² Spitzer Science Center, Caltech, Pasadena, CA 91125, USA; vandyk@ipac.caltech.edu

³ Naval Research Laboratory, Code 7213, Washington, DC 20375-5320, USA; Kurt.Weiler@nrl.navy.mil

⁴ National Radio Astronomy Observatory, P.O. Box 0, Socorro, NM 87801, USA; dsramek@nrao.edu

⁵ Department of Physics, Marquette University, P.O. Box 1881, Milwaukee, WI 53201-1881, USA; christopher.stockdale@marquette.edu

⁶ 9031 Ashmeade Drive, Fairfax, VA 22032, USA; kpm1@cornell.edu

Received 2011 April 7; published 2011 May 5

Due to an error, the expression for the radio luminosity of a supernova derived from the mass-loss rate (Equation (8)) is not

$$\frac{L}{10^{26} \text{ erg s}^{-1} \text{ Hz}^{-1}} = \Lambda \left(\frac{\dot{M} 1 M_{\odot} \text{ yr}^{-1}}{w_{\text{wind}}/10 \text{ km s}^{-1}} \right)^{1.65} \left(\frac{\nu}{5 \text{ GHz}} \right)^{-1.1} \left(\frac{t - t_0}{1 \text{ day}} \right)^{-1.5} e^{-\tau_{\text{CSM}}^{\text{external}}} \quad (8)$$

as given in the published article. The correct expression is

$$\frac{L}{10^{26} \text{ erg s}^{-1} \text{ Hz}^{-1}} = \Lambda \left(\frac{\dot{M}/(10^{-6} M_{\odot} \text{ yr}^{-1})}{w_{\text{wind}}/10 \text{ km s}^{-1}} \right)^{1.65} \left(\frac{\nu}{5 \text{ GHz}} \right)^{-1.1} \left(\frac{t - t_0}{1 \text{ day}} \right)^{-1.5} e^{-\tau_{\text{CSM}}^{\text{external}}}. \quad (8)$$

⁷ Also at Istituto Nazionale di Astrofisica (INAF), Rome, Italy.

⁸ Also at Supernova Ltd., Virgin Gorda, British Virgin Islands.