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Erratum: Beating the spin-down limit on gravitational wave emission from the crab pulsar (Astrophysical Journal (2008) 683 (L45))

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ERRATUM: “BEATING THE SPIN-DOWN LIMIT ON GRAVITATIONAL WAVE EMISSION FROM THE CRAB PULSAR” (2008, *ApJ*, 683, L45)

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A processing error in the signal template used in this search led to upper limits about 30% lower than we now know is warranted by the early S5 data. We have re-analyzed that data and find new upper limits on the strain parameter h_0 of $4.9 \times 10^{-25}/3.9 \times 10^{-25}$ for uniform/restricted prior assumptions concerning the Crab inclination and polarization angles. These results have now been superseded by upper limits of $2.6 \times 10^{-25}/2.0 \times 10^{-25}$ based on the full S5 data and presented in Abbott et al. (2009). The multitemplate search was not affected by the error.

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⁵⁷ <http://www.ligo.org>