

Andrews University

Digital Commons @ Andrews University

Faculty Publications

9-10-2021

Erratum: Searches for continuous gravitational waves from nine young supernova remnants (ApJ (2015) 813 (39) DOI: 10.1088/0004-637X/813/1/39)

J. Aasi

California Institute of Technology

B. P. Abbott

California Institute of Technology

R. Abbott

California Institute of Technology

T. Abbott


Louisiana State University

M. R. Abernathy

California Institute of Technology

Follow this and additional works at: <https://digitalcommons.andrews.edu/pubs>

See next page for additional authors

 Part of the [Astrophysics and Astronomy Commons](#)

Recommended Citation

Aasi, J.; Abbott, B. P.; Abbott, R.; Abbott, T.; Abernathy, M. R.; Acernese, F.; Ackley, K.; Adams, C.; Adams, T.; Addesso, P.; Adhikari, R. X.; Adya, V.; Affeldt, C.; Agathos, M.; Agatsuma, K.; Aggarwal, N.; Aguiar, O. D.; Ain, A.; Ajith, P.; and Summerscales, Tiffany Z., "Erratum: Searches for continuous gravitational waves from nine young supernova remnants (ApJ (2015) 813 (39) DOI: 10.1088/0004-637X/813/1/39)" (2021). *Faculty Publications*. 4208.

<https://digitalcommons.andrews.edu/pubs/4208>

This Article is brought to you for free and open access by Digital Commons @ Andrews University. It has been accepted for inclusion in Faculty Publications by an authorized administrator of Digital Commons @ Andrews University. For more information, please contact repository@andrews.edu.

Authors

J. Aasi, B. P. Abbott, R. Abbott, T. Abbott, M. R. Abernathy, F. Acernese, K. Ackley, C. Adams, T. Adams, P. Addesso, R. X. Adhikari, V. Adya, C. Affeldt, M. Agathos, K. Agatsuma, N. Aggarwal, O. D. Aguiar, A. Ain, P. Ajith, and Tiffany Z. Summerscales



Erratum: “Searches for Continuous Gravitational Waves from Nine Young Supernova Remnants” (2015, ApJ, 813, 39)*

J. Aasi¹, B. P. Abbott¹, R. Abbott¹, T. Abbott², M. R. Abernathy¹, F. Acernese^{3,4}, K. Ackley⁵, C. Adams⁶, T. Adams^{7,8}, P. Addesso⁹, R. X. Adhikari¹, V. Adya¹⁰, C. Affeldt¹⁰, M. Agathos¹¹, K. Agatsuma¹¹, N. Aggarwal¹², O. D. Aguiar¹³, A. Ain¹⁴, P. Ajith¹⁵, A. Alemic¹⁶, B. Allen^{17,18}, A. Allocca^{19,20}, D. Amariutei⁵, S. B. Anderson¹, W. G. Anderson¹⁸, K. Arai¹, M. C. Araya¹, C. Arceneaux²¹, J. S. Areeda²², S. Ast²³, S. M. Aston⁶, P. Astone²⁴, P. Aufmuth²³, C. Aulbert¹⁷, B. E. Ayloott²⁵, S. Babak²⁶, P. T. Baker²⁷, F. Baldaccini^{28,29}, G. Ballardín³⁰, S. W. Ballmer¹⁶, J. C. Barayoga¹, M. Barbet⁵, S. Barclay³¹, B. C. Barish¹, D. Barker³², F. Barone^{3,4}, B. Barr³¹, L. Barsotti¹², M. Barsuglia³³, J. Bartlett³², M. A. Barton³², I. Bartos³⁴, R. Bassiri³⁵, A. Basti^{36,20}, J. C. Batch³², Th. S. Bauer¹¹, C. Baune¹⁰, V. Bavigadda³⁰, B. Behnke²⁶, M. Bejger³⁷, C. Belczynski³⁸, A. S. Bell³¹, C. Bell³¹, M. Benacquista³⁹, J. Bergman³², G. Bergmann¹⁰, C. P. L. Berry²⁵, D. Bersanetti^{40,41}, A. Bertolini¹¹, J. Betzwieser⁶, S. Bhagwat¹⁶, R. Bhandare⁴², I. A. Bilenko⁴³, G. Billingsley¹, J. Birch⁶, S. Biscans¹², M. Bitossi^{30,20}, C. Biwer¹⁶, M. A. Bizouard⁴⁴, J. K. Blackburn¹, L. Blackburn⁴⁵, C. D. Blair⁴⁶, D. Blair⁴⁶, S. Bloemen^{11,47}, O. Bock¹⁷, T. P. Bodiya¹², M. Boer⁴⁸, G. Bogaert⁴⁸, P. Bojtos⁴⁹, C. Bond²⁵, F. Bondu⁵⁰, L. Bonelli^{36,20}, R. Bonnand⁸, R. Bork¹, M. Born¹⁰, V. Boschi²⁰, Sukanta Bose^{14,51}, C. Bradaschia²⁰, P. R. Brady¹⁸, V. B. Braginsky⁴³, M. Branchesi^{52,53}, J. E. Brau⁵⁴, T. Briant⁵⁵, D. O. Bridges⁶, A. Brillet⁴⁸, M. Brinkmann¹⁰, V. Brisson⁴⁴, A. F. Brooks¹, D. A. Brown¹⁶, D. D. Brown²⁵, N. M. Brown¹², S. Buchman³⁵, A. Buikema¹², T. Bulik³⁸, H. J. Bulten^{56,11}, A. Buonanno⁵⁷, D. Buskulic⁸, C. Buy³³, L. Cadonati⁵⁸, G. Cagnoli⁵⁹, J. Calderón Bustillo⁶⁰, E. Calloni^{61,4}, J. B. Camp⁴⁵, K. C. Cannon⁶², J. Cao⁶³, C. D. Capano⁵⁷, F. Carbognani³⁰, S. Caride⁶⁴, S. Caudill¹⁸, M. Cavaglia²¹, F. Cavalieri⁴⁴, R. Cavalieri³⁰, G. Cella²⁰, C. Cepeda¹, E. Cesarini⁶⁵, R. Chakraborty¹, T. Chalermongsak¹, S. J. Chamberlin¹⁸, S. Chao⁶⁶, P. Charlton⁶⁷, E. Chassande-Mottin³³, Y. Chen⁶⁸, A. Chincarini⁴¹, A. Chiummo³⁰, H. S. Cho⁶⁹, M. Cho⁵⁷, J. H. Chow⁷⁰, N. Christensen⁷¹, Q. Chu⁴⁶, S. Chua⁵⁵, S. Chung⁴⁶, G. Ciani⁵, F. Clara³², J. A. Clark⁵⁸, F. Cleva⁴⁸, E. Coccia^{72,73}, P.-F. Cohadon⁵⁵, A. Colla^{74,24}, C. Collette⁷⁵, M. Colombini²⁹, L. Cominsky⁷⁶, M. Constances¹³, A. Conte^{24,74}, D. Cook³², T. R. Corbitt², N. Cornish²⁷, A. Corsi⁷⁷, C. A. Costa¹³, M. W. Coughlin⁷¹, J.-P. Coulon⁴⁸, S. Countryman³⁴, P. Couvares¹⁶, D. M. Coward⁴⁶, M. J. Cowart⁶, D. C. Coyne¹, R. Coyne⁷⁷, K. Craig³¹, J. D. E. Creighton¹⁸, T. D. Creighton³⁹, J. Cripe², S. G. Crowder⁷⁸, A. Cumming³¹, L. Cunningham³¹, E. Cuoco³⁰, C. Cutler⁶⁸, K. Dahl¹⁰, T. Dal Canton¹⁷, M. Damjanic¹⁰, S. L. Danilishin⁴⁶, S. D’Antonio⁶⁵, K. Danzmann^{23,10}, L. Darteaz³⁹, V. Dattilo³⁰, I. Dave⁴², H. Daveloza³⁹, M. Davier⁴⁴, G. S. Davies³¹, E. J. Daw⁷⁹, R. Day³⁰, D. DeBra³⁵, G. Debreczeni⁸⁰, J. Degallaix⁵⁹, M. De Laurentis^{61,4}, S. Deléglise⁵⁵, W. Del Pozzo²⁵, T. Denker¹⁰, T. Dent¹⁷, H. Dereli⁴⁸, V. Dergachev¹, R. De Rosa^{61,4}, R. T. De Rosa², R. DeSalvo⁹, S. Dhurandhar¹⁴, M. Díaz³⁹, L. Di Fiore⁴, A. Di Lieto^{36,20}, I. Di Palma²⁶, A. Di Virgilio²⁰, G. Dojcinoski⁸¹, V. Dolique⁵⁹, E. Dominguez⁸², F. Donovan¹², K. L. Dooley¹⁰, S. Doravari⁶, R. Douglas³¹, T. P. Downes¹⁸, M. Drago^{83,84}, J. C. Driggers¹, Z. Du⁶³, M. Ducrot⁸, S. Dwyer³², T. Eberle¹⁰, T. Edo⁷⁹, M. Edwards⁷, M. Edwards⁷¹, A. Effler², H.-B. Eggenstein¹⁷, P. Ehrens¹, J. Eichholz⁵, S. Eikenberry⁵, R. Essick¹², T. Etzel¹, M. Evans¹², T. Evans⁶, M. Factourovich³⁴, V. Fafone^{72,65}, S. Fairhurst⁷, X. Fan³¹, Q. Fang⁴⁶, S. Farinon⁴¹, B. Farr⁸⁵, W. M. Farr²⁵, M. Favata⁸¹, M. Fays⁷, H. Fehrmann¹⁷, M. M. Fejer³⁵, D. Feldbaum^{5,6}, I. Ferrante^{36,20}, E. C. Ferreira¹³, F. Ferrini³⁰, F. Fidecaro^{36,20}, I. Fiori³⁰, R. P. Fisher¹⁶, R. Flaminio⁵⁹, J.-D. Fournier⁴⁸, S. Franco⁴⁴, S. Frasca^{74,24}, F. Frasconi²⁰, Z. Frei⁴⁹, A. Freise²⁵, R. Frey⁵⁴, T. T. Fricke¹⁰, P. Fritschel¹², V. V. Frolov⁶, S. Fuentes-Tapia³⁹, P. Fulda⁵, M. Fyffe⁶, J. R. Gair⁸⁶, L. Gammaitoni^{28,29}, S. Gaonkar¹⁴, F. Garufi^{61,4}, A. Gatto³³, N. Gehrels⁴⁵, G. Gemme⁴¹, B. Gendre⁴⁸, E. Genin³⁰, A. Gennai²⁰, L. Á. Gergely⁸⁷, S. Ghosh^{11,47}, J. A. Giaime^{6,2}, K. D. Giardino⁶, A. Giazotto²⁰, J. Gleason⁵, E. Goetz¹⁷, R. Goetz⁵, L. Gondan⁴⁹, G. González², N. Gordon³¹, M. L. Gorodetsky⁴³, S. Gossan⁶⁸, S. Gößler¹⁰, R. Gouaty⁸, C. Gräf³¹, P. B. Graff⁴⁵, M. Granata⁵⁹, A. Grant³¹, S. Gras¹², C. Gray³², R. J. S. Greenhalgh⁸⁸, A. M. Gretarsson⁸⁹, P. Groot⁴⁷, H. Grote¹⁰, S. Grunewald²⁶, G. M. Guidi^{52,53}, C. J. Guido⁶, X. Guo⁶³, K. Gushwa¹, E. K. Gustafson¹, R. Gustafson⁶⁴, J. Hacker²², E. D. Hall¹, G. Hammond³¹, M. Hanke¹⁰, J. Hanks³², C. Hanna⁹⁰, M. D. Hannam⁷, J. Hanson⁶, T. Hardwick^{54,2}, J. Harms⁵³, G. M. Harry⁹¹, I. W. Harry²⁶, M. Hart³¹, M. T. Hartman⁵, C.-J. Haster²⁵, K. Haughian³¹, A. Heidmann⁵⁵, M. Heintze^{5,6}, G. Heinzel¹⁰, H. Heitmann⁴⁸, P. Hello⁴⁴, G. Hemming³⁰, M. Hendry³¹, I. S. Heng³¹, A. W. Heptonstall¹, M. Heurs¹⁰, M. Hewitson¹⁰, S. Hild³¹, D. Hoak⁵⁸, K. A. Hodge¹, D. Hofman⁵⁹, S. E. Hollitt⁹², K. Holt⁶, P. Hopkins⁷, D. J. Hosken⁹², J. Hough³¹, E. Houston³¹, E. J. Howell⁴⁶, Y. M. Hu³¹, E. Huerta⁹³, B. Hughey⁸⁹, S. Husa⁶⁰, S. H. Huttner³¹, M. Huynh¹⁸, T. Huynh-Dinh⁶, A. Idrisy⁹⁰, N. Indik¹⁷, D. R. Ingram³², R. Inta⁹⁰, G. Islas²², J. C. Isler¹⁶, T. Isogai¹², B. R. Iyer⁹⁴, K. Izumi³², M. Jacobson¹, H. Jang⁹⁵, P. Jaranowski⁹⁶, S. Jawahar⁹⁷, Y. Ji⁶³, F. Jiménez-Forteza⁶⁰, W. W. Johnson², D. I. Jones⁹⁸, R. Jones³¹, R. J. G. Jonker¹¹, L. Ju⁴⁶, Haris K⁹⁹, V. Kalogera⁸⁵, S. Kandhasamy²¹, G. Kang⁹⁵, J. B. Kanner¹, M. Kasprzack^{44,30}, E. Katsavounidis¹², W. Katzman⁶, H. Kaufer²³, S. Kaufer²³, T. Kaur⁴⁶, K. Kawabe³², F. Kawazoe¹⁰, F. Kéfélian⁴⁸, G. M. Keiser³⁵, D. Keitel¹⁷, D. B. Kelley¹⁶, W. Kells¹, D. G. Keppel¹⁷, J. S. Key³⁹, A. Khalaidovski¹⁰, F. Y. Khalili⁴³, E. A. Khazanov¹⁰⁰, C. Kim^{101,95}, K. Kim¹⁰², N. G. Kim⁹⁵, N. Kim³⁵, Y.-M. Kim⁶⁹, E. J. King⁹², P. J. King³², D. L. Kinzel⁶, J. S. Kissel³², S. Klimenko⁵, J. Kline¹⁸, S. Koehlenbeck¹⁰, K. Kokeyama², V. Kondrashov¹, M. Korobko¹⁰, W. Z. Korth¹, I. Kowalska³⁸, D. B. Kozak¹, V. Kringel¹⁰, B. Krishnan¹⁷, A. Królak^{103,104}, C. Krueger²³, G. Kuehn¹⁰, A. Kumar¹⁰⁵, P. Kumar¹⁶, L. Kuo⁶⁶, A. Kutynia¹⁰³, M. Landry³², B. Lantz³⁵, S. Larson⁸⁵, P. D. Lasky¹⁰⁶,

* Any correspondence should be addressed to lsc-spokesperson@ligo.org and virgo-spokesperson@ego-gw.it.

A. Lazzarini¹, C. Lazzaro¹⁰⁷, C. Lazzaro⁵⁸, J. Le⁸⁵, P. Leaci²⁶, S. Leavey³¹, E. Lebigot³³, E. O. Lebigot⁶³, C. H. Lee⁶⁹, H. K. Lee¹⁰², H. M. Lee¹⁰¹, M. Leonardi^{83,84}, J. R. Leong¹⁰, N. Leroy⁴⁴, N. Letendre⁸, Y. Levin¹⁰⁸, B. Levine³², J. Lewis¹, T. G. F. Li¹, K. Libbrecht¹, A. Libson¹², A. C. Lin³⁵, T. B. Littenberg⁸⁵, N. A. Lockerbie⁹⁷, V. Lockett²², J. Logue³¹, A. L. Lombardi⁵⁸, M. Lorenzini⁷³, V. Lorette¹⁰⁹, M. Lormand⁶, G. Losurdo⁵³, J. Lough¹⁷, M. J. Lubinski³², H. Lück^{23,10}, A. P. Lundgren¹⁷, R. Lynch¹², Y. Ma⁴⁶, J. Macarthur³¹, T. MacDonald³⁵, B. Machenschalk¹⁷, M. MacInnis¹², D. M. Macleod², F. Magaña-Sandoval¹⁶, R. Magee⁵¹, M. Mageswaran¹, C. Maglione⁸², K. Mailand¹, E. Majorana²⁴, I. Maksimovic¹⁰⁹, V. Malvezzi^{72,65}, N. Man⁴⁸, I. Mandel²⁵, V. Mandic⁷⁸, V. Mangano³¹, V. Mangano^{74,24}, G. L. Mansell⁷⁰, M. Mantovani^{30,20}, F. Marchesoni^{110,29}, F. Marion⁸, S. Márka³⁴, Z. Márka³⁴, A. Markosyan³⁵, E. Maros¹, F. Martelli^{52,53}, L. Martellini⁴⁸, I. W. Martin³¹, R. M. Martin⁵, D. Martynov¹, J. N. Marx¹, K. Mason¹², A. Masserot⁸, T. J. Massinger¹⁶, F. Matichard¹², L. Matone³⁴, N. Mavalvala¹², N. Mazumder⁹⁹, G. Mazzolo¹⁷, R. McCarthy³², D. E. McClelland⁷⁰, S. McCormick⁶, S. C. McGuire¹¹¹, G. McIntyre¹, J. McIver⁵⁸, K. McLin⁷⁶, S. McWilliams⁹³, D. Meacher⁴⁸, G. D. Meadors⁶⁴, J. Meidam¹¹, M. Meinders²³, A. Melatos¹⁰⁶, G. Mendell³², R. A. Mercer¹⁸, S. Meshkov¹, C. Messenger³¹, P. M. Meyers⁷⁸, F. Mezzani^{24,74}, H. Miao²⁵, C. Michel⁵⁹, H. Middleton²⁵, E. E. Mikhailov¹¹², L. Milano^{61,4}, A. Miller¹¹³, J. Miller¹², M. Millhouse²⁷, Y. Minenkov⁶⁵, J. Ming²⁶, S. Mirshekari¹¹⁴, C. Mishra¹⁵, S. Mitra¹⁴, V. P. Mitrofanov⁴³, G. Mitselmakher⁵, R. Mittleman¹², B. Moe¹⁸, A. Moggi²⁰, M. Mohan³⁰, S. D. Mohanty³⁹, S. R. P. Mohapatra¹², B. Moore⁸¹, D. Moraru³², G. Moreno³², S. R. Morris³⁹, K. Mossavi¹⁰, B. Mours⁸, C. M. Mow-Lowry¹⁰, C. L. Mueller⁵, G. Mueller⁵, S. Mukherjee³⁹, A. Mullaevy⁶, J. Munch⁹², D. Murphy³⁴, P. G. Murray³¹, A. Mytidis⁵, M. F. Nagy⁸⁰, I. Nardecchia^{72,65}, T. Nash¹, L. Naticchioni^{74,24}, R. K. Nayak¹¹⁵, V. Necula⁵, K. Nedkova⁵⁸, G. Nelemans^{11,47}, I. Neri^{28,29}, M. Neri^{40,41}, G. Newton³¹, T. Nguyen⁷⁰, A. B. Nielsen¹⁷, S. Nissanke⁶⁸, A. H. Nitz¹⁶, F. Nocera³⁰, D. Nolting⁶, M. E. N. Normandin³⁹, L. K. Nuttall¹⁸, E. Ochsner¹⁸, J. O'Dell⁸⁸, E. Oelker¹², G. H. Oggin¹¹⁶, J. J. Oh¹¹⁷, S. H. Oh¹¹⁷, F. Ohme⁷, P. Oppermann¹⁰, R. Oram⁶, B. O'Reilly⁶, W. Ortega⁸², R. O'Shaughnessy¹¹⁸, C. Osthelder¹, C. D. Ott⁶⁸, D. J. Ottaway⁹², R. S. Ottens⁵, H. Overmier⁶, B. J. Owen⁹⁰, C. Padilla²², A. Pai⁹⁹, S. Pai⁴², O. Palashov¹⁰⁰, C. Palomba²⁴, A. Pal-Singh¹⁰, H. Pan⁶⁶, C. Pankow¹⁸, F. Pannarale⁷, B. C. Pant⁴², F. Paoletti^{30,20}, M. A. Papa^{18,26}, H. Paris³⁵, A. Pasqualetti³⁰, R. Passaquietti^{36,20}, D. Passuello²⁰, Z. Patrick³⁵, M. Pedraza¹, L. Pekowsky¹⁶, A. Pele³², S. Penn¹¹⁹, A. Perreca¹⁶, M. Phelps¹, M. Pichot⁴⁸, F. Piergiovanni^{52,53}, V. Pierro⁹, G. Pillant³⁰, L. Pinard⁵⁹, I. M. Pinto⁹, M. Pitkin³¹, J. Poeld¹⁰, R. Poggiani^{36,20}, A. Post¹⁷, A. Poteomkin¹⁰⁰, J. Powell³¹, J. Prasad¹⁴, V. Predoi⁷, S. Premachandra¹⁰⁸, T. Prestegard⁷⁸, L. R. Price¹, M. Prijatelj³⁰, M. Principe⁹, S. Privitera¹, R. Prix¹⁷, G. A. Prodi^{83,84}, L. Prokhorov⁴³, O. Puncken³⁹, M. Punturo²⁹, P. Puppo²⁴, M. Pürer⁷, J. Qin⁴⁶, V. Quetschke³⁹, E. Quintero¹, G. Quiroga⁸², R. Quitzow-James⁵⁴, F. J. Raab³², D. S. Rabeling^{70,56,11}, I. Rácz⁸⁰, H. Radkins³², P. Raffai⁴⁹, S. Raja⁴², G. Rajalakshmi¹²⁰, M. Rakhmanov³⁹, K. Ramirez³⁹, P. Rapagnani^{74,24}, V. Raymond¹, M. Razzano^{36,20}, V. Re^{72,65}, C. M. Reed³², T. Regimbau⁴⁸, L. Rei⁴¹, S. Reid¹²¹, D. H. Reitze^{1,5}, O. Reula⁸², F. Ricci^{74,24}, K. Riles⁶⁴, N. A. Robertson^{1,31}, R. Robie³¹, F. Robinet⁴⁴, A. Rocchi⁶⁵, L. Rolland⁸, J. G. Rollins¹, V. Roma⁵⁴, R. Romano^{3,4}, G. Romanov¹¹², J. H. Romie⁶, D. Rosińska^{122,37}, S. Rowan³¹, A. Rüdiger¹⁰, P. Ruggi³⁰, K. Ryan³², S. Sachdev¹, T. Sadecki³², L. Sadeghian¹⁸, M. Saleem⁹⁹, F. Salemi¹⁷, L. Sammut¹⁰⁶, V. Sandberg³², J. R. Sanders⁶⁴, V. Sannibale¹, I. Santiago-Prieto³¹, B. Sassolas⁵⁹, B. S. Sathyaprakash⁷, P. R. Saulson¹⁶, R. Savage³², A. Sawadsky²³, J. Scheuer⁸⁵, R. Schilling¹⁰, P. Schmidt^{7,1}, R. Schnabel^{10,123}, R. M. S. Schofield⁵⁴, E. Schreiber¹⁰, D. Schuette¹⁰, B. F. Schutz^{7,26}, J. Scott³¹, S. M. Scott⁷⁰, D. Sellers⁶, A. S. Sengupta¹²⁴, D. Sentenac³⁰, V. Sequino^{72,65}, A. Sergeev¹⁰⁰, G. Serna²², A. Seigny³², D. A. Shaddock⁷⁰, S. Shah^{11,47}, M. S. Shahriar⁸⁵, M. Shaltev¹⁷, Z. Shao¹, B. Shapiro³⁵, P. Shawhan⁵⁷, D. H. Shoemaker¹², T. L. Sidery²⁵, K. Siellez⁴⁸, X. Siemens¹⁸, D. Sigg³², A. D. Silva¹³, D. Simakov¹⁰, A. Singer¹, L. Singer¹, R. Singh², A. M. Sintes⁶⁰, B. J. J. Slagmolen⁷⁰, J. R. Smith²², M. R. Smith¹, R. J. E. Smith¹, N. D. Smith-Lefebvre¹, E. J. Son¹¹⁷, B. Sorazu³¹, T. Souradeep¹⁴, A. Staley³⁴, J. Stebbins³⁵, M. Steinke¹⁰, J. Steinlechner³¹, S. Steinlechner³¹, D. Steinmeyer¹⁰, B. C. Stephens¹⁸, S. Steplewski⁵¹, S. Stevenson²⁵, R. Stone³⁹, K. A. Strain³¹, N. Straniero⁵⁹, S. Strigin⁴³, R. Sturani¹¹⁴, A. L. Stuver⁶, T. Z. Summerscales¹²⁵, P. J. Sutton⁷, B. Swinkels³⁰, M. Szczepanczyk⁸⁹, G. Szeifert⁴⁹, M. Tacca³³, D. Talukder⁵⁴, D. B. Tanner⁵, M. Tápai⁸⁷, S. P. Tarabrin¹⁰, A. Taracchini⁵⁷, R. Taylor¹, G. Tellez³⁹, T. Theeg¹⁰, M. P. Thirugnanasambandam¹, M. Thomas⁶, P. Thomas³², K. A. Thorne⁶, K. S. Thorne⁶⁸, E. Thrane^{1,108}, V. Tiwari⁵, C. Tomlinson⁷⁹, M. Tonelli^{36,20}, C. V. Torres³⁹, C. I. Torrie^{1,31}, F. Travasso^{28,29}, G. Traylor⁶, M. Tse¹², D. Tshilumba⁷⁵, D. Ugolini¹²⁶, C. S. Unnikrishnan¹²⁰, A. L. Urban¹⁸, S. A. Usman¹⁶, H. Vahlbruch²³, G. Vajente¹, G. Vajente^{36,20}, G. Valdes³⁹, M. Vallisneri⁶⁸, N. van Bakel¹¹, M. van Beuzekom¹¹, J. F. J. van den Brand^{56,11}, C. van den Broeck¹¹, M. V. van der Sluys^{11,47}, J. van Heijningen¹¹, A. A. van Veggel³¹, S. Vass¹, M. Vasúth⁸⁰, R. Vaulin¹², A. Vecchio²⁵, G. Vedovato¹⁰⁷, J. Veitch²⁵, J. Veitch¹¹, P. J. Veitch⁹², K. Venkateswara¹²⁷, D. Verkindt⁸, F. Vetranò^{52,53}, A. Vicere^{52,53}, R. Vincent-Finley¹¹¹, J.-Y. Vinet⁴⁸, S. Vitale¹², T. Vo³², H. Vocca^{28,29}, C. Vorvick³², W. D. Vousden²⁵, S. P. Vyatchanin⁴³, A. R. Wade⁷⁰, L. Wade¹⁸, M. Wade¹⁸, M. Walker², L. Wallace¹, S. Walsh¹⁸, H. Wang²⁵, M. Wang²⁵, X. Wang⁶³, R. L. Ward⁷⁰, J. Warner³², M. Was¹⁰, B. Weaver³², L.-W. Wei⁴⁸, M. Weinert¹⁰, A. J. Weinstein¹, R. Weiss¹², T. Welborn⁶, L. Wen⁴⁶, P. Wessels¹⁰, T. Westphal¹⁰, K. Wette¹⁷, J. T. Whelan^{118,17}, D. J. White⁷⁹, B. F. Whiting⁵, C. Wilkinson³², L. Williams⁵, R. Williams¹, A. R. Williamson⁷, J. L. Willis¹¹³, B. Willke^{23,10}, M. Wimmer¹⁰, W. Winkler¹⁰, C. C. Wipf¹², H. Wittel¹⁰, G. Woan³¹, J. Worden³², S. Xie⁷⁵, J. Yablon⁸⁵, I. Yakushin⁶, W. Yam¹², H. Yamamoto¹, C. C. Yancey⁵⁷, Q. Yang⁶³, M. Yvert⁸, A. Zadrożny¹⁰³, M. Zanolin⁸⁹, J.-P. Zendri¹⁰⁷, Fan Zhang^{12,63}, L. Zhang¹, M. Zhang¹¹², Y. Zhang¹¹⁸, C. Zhao⁴⁶, M. Zhou⁸⁵, X. J. Zhu⁴⁶, M. E. Zucker¹², S. Zuraw⁵⁸, and J. Zweizig¹

¹ LIGO, California Institute of Technology, Pasadena, CA 91125, USA² Louisiana State University, Baton Rouge, LA 70803, USA³ Università di Salerno, Fisciano, I-84084 Salerno, Italy⁴ INFN, Sezione di Napoli, Complesso Universitario di Monte Sant'Angelo, I-80126 Napoli, Italy⁵ University of Florida, Gainesville, FL 32611, USA

- ⁶ LIGO Livingston Observatory, Livingston, LA 70754, USA
⁷ Cardiff University, Cardiff, CF24 3AA, UK
⁸ Laboratoire d'Annecy-le-Vieux de Physique des Particules (LAPP), Université de Savoie, CNRS/IN2P3, F-74941 Annecy-le-Vieux, France
⁹ University of Sannio at Benevento, I-82100 Benevento, Italy and INFN, Sezione di Napoli, I-80100 Napoli, Italy
¹⁰ Experimental Group, Albert-Einstein-Institut, Max-Planck-Institut für Gravitationsphysik, D-30167 Hannover, Germany
¹¹ Nikhef, Science Park, 1098 XG Amsterdam, The Netherlands
¹² LIGO, Massachusetts Institute of Technology, Cambridge, MA 02139, USA
¹³ Instituto Nacional de Pesquisas Espaciais, 12227-010 São José dos Campos, SP, Brazil
¹⁴ Inter-University Centre for Astronomy and Astrophysics, Pune 411007, India
¹⁵ International Centre for Theoretical Sciences, Tata Institute of Fundamental Research, Bangalore 560012, India
¹⁶ Syracuse University, Syracuse, NY 13244, USA
¹⁷ Data Analysis Group, Albert-Einstein-Institut, Max-Planck-Institut für Gravitationsphysik, D-30167 Hannover, Germany
¹⁸ University of Wisconsin-Milwaukee, Milwaukee, WI 53201, USA
¹⁹ Università di Siena, I-53100 Siena, Italy
²⁰ INFN, Sezione di Pisa, I-56127 Pisa, Italy
²¹ The University of Mississippi, University, MS 38677, USA
²² California State University Fullerton, Fullerton, CA 92831, USA
²³ Leibniz Universität Hannover, D-30167 Hannover, Germany
²⁴ INFN, Sezione di Roma, I-00185 Roma, Italy
²⁵ University of Birmingham, Birmingham, B15 2TT, UK
²⁶ Albert-Einstein-Institut, Max-Planck-Institut für Gravitationsphysik, D-14476 Golm, Germany
²⁷ Montana State University, Bozeman, MT 59717, USA
²⁸ Università di Perugia, I-06123 Perugia, Italy
²⁹ INFN, Sezione di Perugia, I-06123 Perugia, Italy
³⁰ European Gravitational Observatory (EGO), I-56021 Cascina, Pisa, Italy
³¹ SUPA, University of Glasgow, Glasgow, G12 8QQ, UK
³² LIGO Hanford Observatory, Richland, WA 99352, USA
³³ APC, AstroParticule et Cosmologie, Université Paris Diderot, CNRS/IN2P3, CEA/Irfu, Observatoire de Paris, Sorbonne Paris Cité, 10, rue Alice Domon et Léonie Duquet, F-75205 Paris Cedex 13, France
³⁴ Columbia University, New York, NY 10027, USA
³⁵ Stanford University, Stanford, CA 94305, USA
³⁶ Università di Pisa, I-56127 Pisa, Italy
³⁷ CAMK-PAN, 00-716 Warsaw, Poland
³⁸ Astronomical Observatory Warsaw University, 00-478 Warsaw, Poland
³⁹ The University of Texas at Brownsville, Brownsville, TX 78520, USA
⁴⁰ Università degli Studi di Genova, I-16146 Genova, Italy
⁴¹ INFN, Sezione di Genova, I-16146 Genova, Italy
⁴² RRCAT, Indore MP 452013, India
⁴³ Faculty of Physics, Lomonosov Moscow State University, Moscow 119991, Russia
⁴⁴ LAL, Université Paris-Sud, IN2P3/CNRS, F-91898 Orsay, France
⁴⁵ NASA/Goddard Space Flight Center, Greenbelt, MD 20771, USA
⁴⁶ University of Western Australia, Crawley, WA 6009, Australia
⁴⁷ Department of Astrophysics/IMAPP, Radboud University Nijmegen, P.O. Box 9010, 6500 GL Nijmegen, The Netherlands
⁴⁸ ARTEMIS, Université Nice-Sophia-Antipolis, CNRS and Observatoire de la Côte d'Azur, F-06304 Nice, France
⁴⁹ MTA Eötvös University, 'Lendület' Astrophysics Research Group, Budapest 1117, Hungary
⁵⁰ Institut de Physique de Rennes, CNRS, Université de Rennes 1, F-35042 Rennes, France
⁵¹ Washington State University, Pullman, WA 99164, USA
⁵² Università degli Studi di Urbino "Carlo Bo," I-61029 Urbino, Italy
⁵³ INFN, Sezione di Firenze, I-50019 Sesto Fiorentino, Firenze, Italy
⁵⁴ University of Oregon, Eugene, OR 97403, USA
⁵⁵ Laboratoire Kastler Brossel, ENS, CNRS, UPMC, Université Pierre et Marie Curie, F-75005 Paris, France
⁵⁶ VU University Amsterdam, 1081 HV Amsterdam, The Netherlands
⁵⁷ University of Maryland, College Park, MD 20742, USA
⁵⁸ University of Massachusetts Amherst, Amherst, MA 01003, USA
⁵⁹ Laboratoire des Matériaux Avancés (LMA), IN2P3/CNRS, Université de Lyon, F-69622 Villeurbanne, Lyon, France
⁶⁰ Universitat de les Illes Balears—IEEC, E-07122 Palma de Mallorca, Spain
⁶¹ Università di Napoli "Federico II," Complesso Universitario di Monte Sant'Angelo, I-80126 Napoli, Italy
⁶² Canadian Institute for Theoretical Astrophysics, University of Toronto, Toronto, Ontario, M5S 3H8, Canada
⁶³ Tsinghua University, Beijing 100084, People's Republic of China
⁶⁴ University of Michigan, Ann Arbor, MI 48109, USA
⁶⁵ INFN, Sezione di Roma Tor Vergata, I-00133 Roma, Italy
⁶⁶ National Tsing Hua University, Hsinchu Taiwan 300
⁶⁷ Charles Sturt University, Wagga Wagga, NSW 2678, Australia
⁶⁸ Caltech-CaRT, Pasadena, CA 91125, USA
⁶⁹ Pusan National University, Busan 609-735, Republic of Korea
⁷⁰ Australian National University, Canberra, ACT 0200, Australia
⁷¹ Carleton College, Northfield, MN 55057, USA
⁷² Università di Roma Tor Vergata, I-00133 Roma, Italy
⁷³ INFN, Gran Sasso Science Institute, I-67100 L'Aquila, Italy
⁷⁴ Università di Roma 'La Sapienza', I-00185 Roma, Italy
⁷⁵ University of Brussels, Brussels B-1050, Belgium
⁷⁶ Sonoma State University, Rohnert Park, CA 94928, USA
⁷⁷ Texas Tech University, Lubbock, TX 79409, USA
⁷⁸ University of Minnesota, Minneapolis, MN 55455, USA
⁷⁹ The University of Sheffield, Sheffield S10 2TN, UK
⁸⁰ Wigner RCP, RMKI, H-1121 Budapest, Konkoly Thege Miklós út 29-33, Hungary

- ⁸¹ Montclair State University, Montclair, NJ 07043, USA
⁸² Argentinian Gravitational Wave Group, Cordoba Cordoba 5000, Argentina
⁸³ Università di Trento, I-38123 Povo, Trento, Italy
⁸⁴ INFN, Trento Institute for Fundamental Physics and Applications, I-38123 Povo, Trento, Italy
⁸⁵ Northwestern University, Evanston, IL 60208, USA
⁸⁶ University of Cambridge, Cambridge, CB2 1TN, UK
⁸⁷ University of Szeged, Dóm tér 9, Szeged 6720, Hungary
⁸⁸ Rutherford Appleton Laboratory, HSIC, Chilton, Didcot, Oxon, OX11 0QX, UK
⁸⁹ Embry-Riddle Aeronautical University, Prescott, AZ 86301, USA
⁹⁰ The Pennsylvania State University, University Park, PA 16802, USA
⁹¹ American University, Washington, DC 20016, USA
⁹² University of Adelaide, Adelaide, SA 5005, Australia
⁹³ West Virginia University, Morgantown, WV 26506, USA
⁹⁴ Raman Research Institute, Bangalore, Karnataka 560080, India
⁹⁵ Korea Institute of Science and Technology Information, Daejeon 305-806, Republic of Korea
⁹⁶ University of Białystok, 15-424 Białystok, Poland
⁹⁷ SUPA, University of Strathclyde, Glasgow, G1 1XQ, UK
⁹⁸ University of Southampton, Southampton, SO17 1BJ, UK
⁹⁹ IISER-TVM, CET Campus, Trivandrum Kerala 695016, India
¹⁰⁰ Institute of Applied Physics, Nizhny Novgorod, 603950, Russia
¹⁰¹ Seoul National University, Seoul 151-742, Republic of Korea
¹⁰² Hanyang University, Seoul 133-791, Republic of Korea
¹⁰³ NCBJ, 05-400 Świerk-Otwock, Poland
¹⁰⁴ IM-PAN, 00-956 Warsaw, Poland
¹⁰⁵ Institute for Plasma Research, Bhat, Gandhinagar 382428, India
¹⁰⁶ The University of Melbourne, Parkville, VIC 3010, Australia
¹⁰⁷ INFN, Sezione di Padova, I-35131 Padova, Italy
¹⁰⁸ Monash University, Victoria 3800, Australia
¹⁰⁹ ESPCI, CNRS, F-75005 Paris, France
¹¹⁰ Università di Camerino, Dipartimento di Fisica, I-62032 Camerino, Italy
¹¹¹ Southern University and A&M College, Baton Rouge, LA 70813, USA
¹¹² College of William and Mary, Williamsburg, VA 23187, USA
¹¹³ Abilene Christian University, Abilene, TX 79699, USA
¹¹⁴ Instituto de Física Teórica, University Estadual Paulista/ICTP South American Institute for Fundamental Research, São Paulo SP 01140-070, Brazil
¹¹⁵ IISER-Kolkata, Mohanpur, West Bengal 741252, India
¹¹⁶ Whitman College, 280 Boyer Ave, Walla Walla, WA 9936, USA
¹¹⁷ National Institute for Mathematical Sciences, Daejeon 305-390, Republic of Korea
¹¹⁸ Rochester Institute of Technology, Rochester, NY 14623, USA
¹¹⁹ Hobart and William Smith Colleges, Geneva, NY 14456, USA
¹²⁰ Tata Institute for Fundamental Research, Mumbai 400005, India
¹²¹ SUPA, University of the West of Scotland, Paisley, PA1 2BE, UK
¹²² Institute of Astronomy, 65-265 Zielona Góra, Poland
¹²³ Universität Hamburg, D-22761 Hamburg, Germany
¹²⁴ Indian Institute of Technology, Gandhinagar Ahmedabad Gujarat 382424, India
¹²⁵ Andrews University, Berrien Springs, MI 49104, USA
¹²⁶ Trinity University, San Antonio, TX 78212, USA
¹²⁷ University of Washington, Seattle, WA 98195, USA
Received 2021 August 11; published 2021 September 15

Abstract

Equation (7) of the published article (Aasi et al. 2015) is in error; it should read

$$\epsilon = 9.5 \times 10^{-5} \left(\frac{h_0}{10^{-24}} \right) \left(\frac{D}{1 \text{ kpc}} \right) \left(\frac{100\text{Hz}}{f} \right)^2. \quad (7)$$

The upper limits on ϵ presented in the published article are unaffected by this error.

Equation (8) of the published article is in error; it should read

$$\alpha = 0.028 \left(\frac{h_0}{10^{-24}} \right) \left(\frac{100\text{Hz}}{f} \right)^3 \left(\frac{D}{1 \text{ kpc}} \right). \quad (8)$$

The upper limits on α presented in Figure 3 and Table 4 of the published article were computed incorrectly. The revised Figure 3 (bottom) shows the corrected upper limits on α for the G266.2–1.2 (Vela Jr.) wide search. The revised Table 4 is provided here. The correct lowest upper limit on α (quoted in the Abstract of the published article) is 3×10^{-6} .

Figure 4 shows the incorrect and corrected upper limits on α for the G266.2–1.2 (Vela Jr.) wide search, which have been surpassed by upper limits from Abbott et al. (2019).

Table 4
Upper Limit Summary

Search	Indirect h_0	Direct h_0 lowest (best)	Direct ϵ		Direct α	
			at f_{\min}	at f_{\max}	at f_{\min}	at f_{\max}
G1.9 + 0.3	8.4×10^{-25}	6.4×10^{-25}	2.9×10^{-4}	7.6×10^{-5}	6.2×10^{-2}	7.9×10^{-3}
G18.9–1.1	5.4×10^{-25}	4.2×10^{-25}	5.9×10^{-5}	1.2×10^{-5}	1.3×10^{-2}	1.2×10^{-3}
G93.3 + 6.9	6.0×10^{-25}	3.7×10^{-25}	8.1×10^{-5}	6.8×10^{-6}	2.2×10^{-2}	5.4×10^{-4}
G111.7–2.1	1.3×10^{-24}	5.8×10^{-25}	4.6×10^{-4}	1.2×10^{-5}	1.5×10^{-1}	6.2×10^{-4}
G189.1 + 3.0	8.7×10^{-25}	4.6×10^{-25}	1.2×10^{-4}	5.7×10^{-6}	3.4×10^{-2}	3.6×10^{-4}
G266.2–1.2 wide	1.4×10^{-23}	6.8×10^{-25}	1.1×10^{-3}	2.3×10^{-7}	6.9×10^{-1}	3.3×10^{-6}
G266.2–1.2 deep	1.5×10^{-24}	4.4×10^{-25}	1.4×10^{-4}	1.4×10^{-6}	4.9×10^{-2}	4.9×10^{-5}
G291.0–0.1	5.9×10^{-25}	4.2×10^{-25}	1.3×10^{-4}	2.0×10^{-5}	3.1×10^{-2}	1.9×10^{-3}
G347.3–0.5	2.0×10^{-24}	5.6×10^{-25}	2.0×10^{-4}	2.0×10^{-6}	7.3×10^{-2}	6.6×10^{-5}
G350.1–0.3	6.5×10^{-25}	5.1×10^{-25}	1.6×10^{-4}	3.1×10^{-5}	3.6×10^{-2}	3.1×10^{-3}

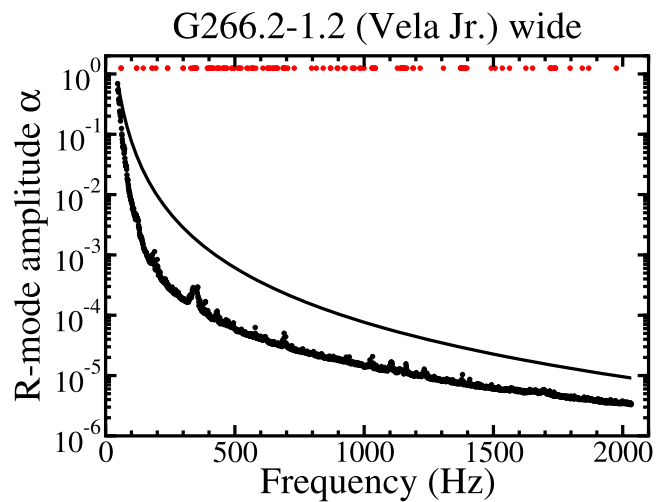


Figure 3. Corrected version of the bottom plot in Figure 3 in the published article.

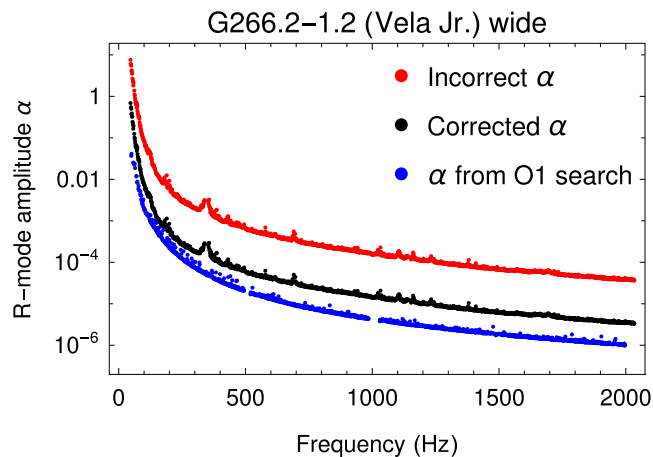


Figure 4. Upper limits on α for the G266.2–1.2 (Vela Jr.) wide search. Incorrect (red) and corrected (black) upper limits from this paper are compared to upper limits from Abbott et al. (2019) (blue).

References

Aasi, J., Abbott, B. P., Abbott, R., et al. 2015, *ApJ*, 813, 39

Abbott, B. P., Abbott, R., Abbott, T. D., et al. 2019, *ApJ*, 875, 122