Search and detection of low frequency radio transients

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Citation for published version (APA):

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Front cover image: The supernova remnant G359.1-0.5 from the discovery observation of GCRT J1745-3009 (highlighted).

Back cover image: A wide field image of SgrA and surrounding sources, from a VLA-B observation on 1989 March 18 at 90 cm. The supernova remnant G359.1-0.5 (1 degree south of SgrA) is barely visible. GCRT J1745-3009 is not active.

This thesis was typeset in \LaTeX by the author and printed by Ipskamp Drukkers.
ISBN: 978-90-9024055-8

This research has been supported by The Netherlands Organisation for Scientific Research (NWO).
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ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. D.C. van den Boom
ten overstaan van een door het college voor promoties
ingestelde commissie,
in het openbaar te verdedigen in de Agnietenkapel
op vrijdag 18 juni 2010, te 14:00 uur

door

Johannes Norbertus Spreeuw

geboren te Alkmaar
Promotiecommissie

Promotor: Prof. dr. R. A. M. J. Wijers
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