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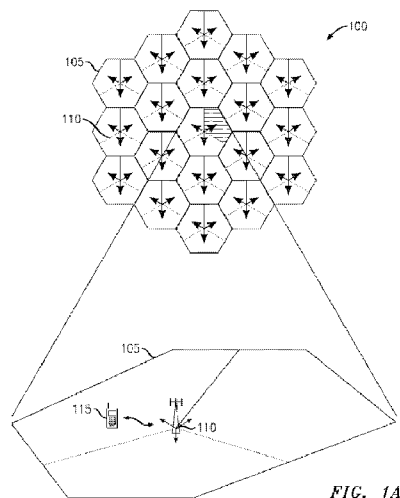
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(54) **Title:** METHODS FOR GENERATING RADIO FREQUENCY MAPS OF NETWORKS



(57) **Abstract:** At least one example embodiment discloses a method of generating a radio frequency (RF) map of a network. The method includes obtaining, by a controller, received signal strengths of at least one user equipment (UE) in a first technology network, determining, by the controller, a back projection of a second technology network based on the received signal strengths, and generating, by the controller, an RF map of the second technology network based on the determining. The back projection represents an attenuation function of a coverage area of the second technology network and the RF map illustrates the attenuation function of the coverage area of second technology network.



INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. H04W16/18
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H04W

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Study on Minimization of drive-tests in Next Generation Networks; (Release 9)", 3GPP STANDARD; 3GPP TR 36.805, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V9.0.0, 21 December 2009 (2009-12-21), pages 1-24, XP050401520, [retrieved on 2009-12-21] paragraphs [0001], [0004], [0005] paragraphs [6.1.1] - [6.1.7] paragraph [06.2] paragraph [7.1.1] paragraph [0008] ----- -/--	1-9



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"3rd Generation Partnership Project; Technical Specification Group TSG RAN Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (Release 10)", 3GPP DRAFT; 37320-100, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG2, no. Madrid, Spain; 20100823, 3 September 2010 (2010-09-03), XP050452266, [retrieved on 2010-09-03] paragraph [04.1] paragraphs [5.1.1] - [5.1.3] Annex A -----	1-9