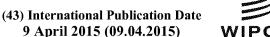
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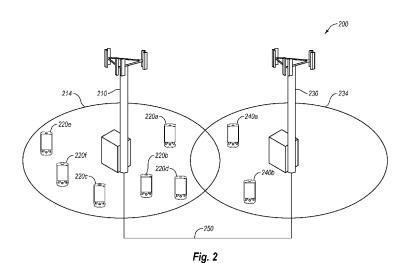
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(54) Title: CONFIGURING WIRELESS NETWORK COMMUNICATIONS



(57) Abstract: A method of configuring wireless network communications may include transmitting a reference signal from a first access point in a first cell to a wireless device in a second cell. The wireless device may also be associated with a second access point in the second cell. The method may further include receiving, at the second access point, channel data from the wireless device. The channel data may be generated by the wireless device based on the reference signal received by the wireless device. The method may further include estimating, based on the received channel data, interference in the second cell due to transmissions originating in the first cell.





INTERNATIONAL SEARCH REPORT

International application No. PCT/US14/23732

A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04B 10/293 (2014.01) USPC - 455/63.1 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) IPC(8): H04W 28/02; H04B 15/00; H04B 10/293 (2014.01) USPC: 455/63.1; 375/224; 370/252			
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 practicable, search terms used) MicroPatent (US-G, US-A, EP-A, EP-B, WO, JP-bib, DE-C,B, DE-A, DE-T, DE-U, GB-A, FR-A); Google/ Google Patents; IEEE; ProQuest. Keywords: wireless; cell; estimate; interference; precoding; channel data			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
X Y	US 2010/0087149 A1 (SRINIVASAN, M et al.) 8 April 2 [0131], [0132], [0179].	2010; Abstract; paragraphs [0118], [0124],	1-6, 8, 11-16 and 18 7, 9, 10, 17, 19 and 20
Y	US 2012/0213261 A1 (SAYANA, K et al.) 23 August 2	012; Abstract; paragraphs [0025], [0050].	7 and 17
Υ	US 2012/0269077 A1 (BAZZI, S et al.) 25 October 2012; Abstract; paragraphs [0019], [0041], [0042], [0060].		9, 10, 19 and 20
Y	US 2012/0051257 A1 (KIM, H et al.) 1 March 2012; Abstract; paragraphs [0013], [0039], [0060].		10 and 20
Α	US 2006/0094371 A1 (NGUYEN, H) 4 May 2006; whole document.		1-20
Α	US 2008/0113640 A1 (BENNETT, J) 15 May 2008; whole document.		1-20
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Further documents are listed in the continuation of Box C.			
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to be of "E" earlier a	to be of particular relevance the principle or theory underlying the invention to be of particular relevance; the claimed invention cannot be		
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'P" document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed			
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