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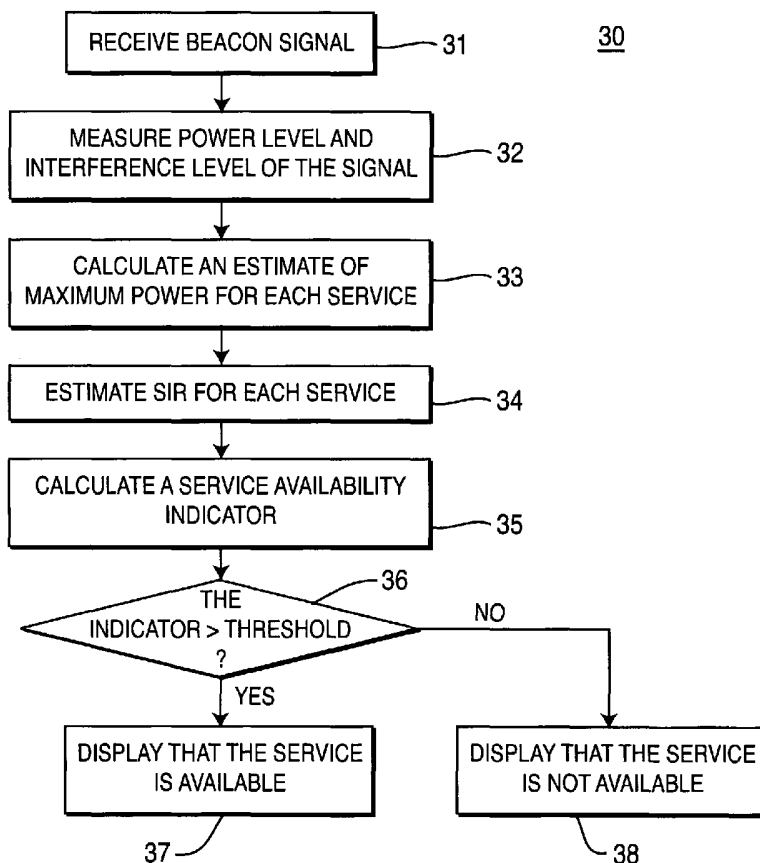
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(54) Title: METHOD AND APPARATUS FOR PROVIDING SERVICE AVAILABILITY INFORMATION IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: The present invention is related to a method and apparatus for providing service availability information to a user in a wireless communication system. After receiving a beacon signal from a base station, a WTRU measures a power level and an interference level of the beacon signal. A target SIR and a power offset for each service is pre-defined and stored in a memory of the WTRU. A processor calculates an estimated SIR for each service, and generates a service availability indicator by dividing the estimated SIR with a target SIR for each service. A user is informed of the availability of various services simply by looking at the display of the WTRU.

WO 2006/019609 A3



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A. CLASSIFICATION OF SUBJECT MATTER

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USPC: 375/259,297;455/67.11,517

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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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)
Google, Scirus, IEEE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,600,903 B1 (LILJA et al.) 29 July 2003 (29.07.2003) abstract figure 2 column 3 line 7 to column 6 line 26	1-16
Y	US 6,137,824 A (Liu) 24 October 2000 (24.10.2000) column 1 lines 9-54; figures 1 and 2; and column 10 lines 31-44	1-16
Y	US 5,613,213 A (NADDELL et al.) 18 March 1997 (18.03.1997) abstract figures 1-2 column 2 line 2 to column 3 line 40	8-16
A	US 6,353,598 B1 (BADEN et al.) 05 March 2002 (05.03.2002) column 5 lines 41-65	4, 13

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☐ See patent family annex.

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