

METHOD AND DEVICE FOR DUAL NETWORK BACKUP AND WIRELESS COMMUNICATIONS SYSTEM

ABSTRACT

5 Embodiments of the present invention provide a method and a device for dual network
backup and a wireless communications system. The method includes: generating a one-to-one
correspondence between an active cell and a standby cell, where coverage areas of the active
cell and the standby cell are the same, the active cell is managed by an active base station that
is managed by an active base station controller, and the standby cell is managed by a standby
10 base station that is managed by a standby base station controller; enabling, according to
whether a current network is an active network or a standby network, corresponding carriers
of the active cell and corresponding carriers of the standby cell to separately work; and
querying a network availability status, and performing, when it is determined that the network
availability status meets a designated condition, a switchover between the active network and
15 the standby network. In the foregoing technical solution, a correspondence between an active
cell and a standby cell is generated, corresponding carriers are configured, according to
whether a current network is an active network or a standby network, to work, and a
switchover between the active network and the standby network is performed according to a
network availability status, so that mobile network reliability is ensured more adequately at a
20 cell level.

Figure 2