ABSTRACT

IN-DEVICE INTERFERENCE MITIGATION

Methods and apparatus for mitigating in-device interference are described. The methods may include an in-device interference event (e.g. interference situation), and the processing of events may depend on the priority of the technologies. A handover to another frequency or radio access technology (RAT) may occur in case a co-existing technology may be activated. The network may signal to the device a list of frequencies or RATs that it may be allowed to measure and handoff to. A network may provide a scaling value that the device may use to speed up reaction to the interference. The device may apply a scaling factor to an "out of synch' counter and/or the radio link failure (RLF) timer used for the RLF procedure. The device may apply different scaling factors for the measurements and time to trigger events. The device may trigger a report to the network requesting gaps for an alternate RAT.

FIG. 3