

to a user equipment (i.e., similar to the Node B, NB, in UTRAN or the evolved NB, eNB, in LTE) may be named next-generation NB (gNB) when built on NR radio and may be named next-generation eNB (NG-eNB) when built on E-UTRA radio.

SUMMARY

[0002a] In one aspect, the present disclosure includes a method, comprising: transmitting or providing information relating to at least one positioning integrity requirement to at least one radio access network (RAN) node; and receiving a report of one or more evaluated integrity-related metrics from the at least one RAN node.

[0002b] In another aspect, the present disclosure includes a method, comprising: receiving information relating to at least one positioning integrity requirement from a location server or location management function (LMF); evaluating the related integrity metrics based on the positioning integrity requirement provided by the location server or LMF and/or based on factors affecting the integrity of the positioning estimate; and providing a report of the one or more evaluated integrity-related metrics to the location server or LMF.

[0002c] In another aspect, the present disclosure refers to an apparatus, comprising: at least one processor; and at least one memory comprising computer program code, the at least one memory and computer program code configured, with the at least one processor, to cause the apparatus at least to perform a method according to any of the above aspects.

[0002d] In another aspect, the present disclosure refers to an apparatus comprising means for performing the method according to any of the above aspects.

[0002e] In another aspect, the present disclosure refers to an apparatus comprising circuitry configured to perform the method according to any of the above aspects.

[0002f] In another aspect, the present disclosure refers to a computer readable medium comprising program instructions stored thereon for performing at least the method according to any of the above aspects.

BRIEF DESCRIPTION OF THE DRAWINGS:

[0003]For proper understanding of example embodiments, reference should be made to the accompanying drawings, wherein:

[0004]Fig. 1 illustrates an example diagram of valid and invalid positioning, according to one example;

[0005]Fig. 2 illustrates an example diagram of an integrity risk caused by UE mobility, according to one example;

[0006]Fig. 3 illustrates an example signaling flow diagram, according to an embodiment;

[0007]Fig. 4 illustrates an example signaling flow diagram, according to an embodiment;

[0008]Fig. 5 illustrates an example signaling flow diagram, according to an embodiment;

[0009]Fig. 6 illustrates an example signaling flow diagram, according to an embodiment;

[0010] Fig. 7 illustrates an example signaling flow diagram, according to an embodiment;

[0011] Fig. 8a illustrates an example flow diagram of a method, according to an embodiment;

[0012] Fig. 8b illustrates an example flow diagram of a method, according to an embodiment;

[0013] Fig. 9a illustrates an example block diagram of an apparatus, according to an embodiment; and

[0014] Fig. 9b illustrates an example block diagram of an apparatus, according to an embodiment.