1   Introdution

This is the SoD of the following CB:

Table 1:

CB: # 11_LocationEst **- Simple Reply to SA2?** (HW - moderator) [NWM] Summary of offline disc in R3-214143

2   For the chairman notes

R3-213611 revised in R3-214312, agreed.

3   Discussion

An LS from SA location estimates in local co-ordinates has been received [1]. The LS asks whether determination of local co-ordinates would be limited to certain positioning methods.

In RAN3 specification, the Geographical Coordinates IE consists of direct global coordinates and referenced local coordinates.

Both the global coordinates and the local coordinates are used to express the geographical coordinate of the antenna of the cell/TRP. These coordinates can support the positioning methods based on the TRP/RAN. There is no reason to limit the positioning methods that based on the TRP/RAN to use the local coordinates. For the RAT-independent positioning methods, which do not use the TRP information, may not use the local coordinates. Therefore, the local coordinates should be applicable to all the RAT-dependent positioning methods.

Please feedback your views below.

> **Feedback Form 1: Do you agree that the local coordinates should be applicable to all the RAT-dependent positioning method?**

1 – Ericsson LM We would like to mention that our contribution in R3-213842 section 2.2 touches upon this SA2 LS. Perhaps we shouldn't have been parsimonious with number of contributions and split them... nevertheless we share the view that there is no need to limit local Co-ordinates for certain positioning methods.

2 – Samsung R&D Institute UK

Yes, we agree with the proposal, as we don't see any impact on current RAT-dependent positioning methods if local coordinates are used. And we are also fine with the draft reply LS.

3 – Qualcomm Technologies Int

We are ok with the above statement, local coordinates can be supported for all RAT-dependent methods

4 – Nokia

Yes, local coordinates are applicable/supported for all the RAT-dependent positioning methods.

5 – ZTE Corporation

Yes. We agree with the statement that the local coordinates should be applicable to all the RAT-dependent positioning methods.

If you agree on above propsal, please comment on the draft LS in the draft folder directly.

4 Reference

Table 2:

R3-213128	LS on determination of location estimates in local co-ordinates (SA2)	LS in
R3-213610	Discussion on determination of location estimates in local co-ordinates (Huawei)	discussion
R3-213611	[Draft] Reply LS on determination of location estimates in local co-ordinates (Huawei)	LS out To: SA2 CC: RAN2, SA2