

**TSG-RAN Working Group 1 meeting #17**  
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**Title:** LS from R1 to R4: Handover measurements during RX gating

**Source:** TSG-RAN WG1

**To:** TSG-RAN WG4

**Cc:** TSG-RAN WG2

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WG1 has proposed earlier that during RX gating UE should do handover measurements only for those cells in the neighbor list which were found during the initial search phase. The reason arose from the fact that initial search might be difficult to do during RX gating if the receiver is switched off during the long period of time. On the other hand, by restricting the K parameter value to be  $K_{max} = 4$  facilitates UE to do initial search measurements also during the RX gating state. Consequently, all the normal handover measurements, including initial search, are done during RX gating. The RX gating concept is also included in the revised version of TR25.840. Thus we propose that WG4 should define the handover measurement requirements during RX gating. E.g. there could be different measurement period during gating than during non-gating state.