

Source: TSG RAN WG4
To: TSG RAN WG1, TSG RAN WG2
Title: Proposed response to LS on compressed mode for measurement purpose “other”
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RAN WG4 thanks RAN WG1 for the LS on compressed mode for measurement purpose “other”, where 2 alternative choices are described: either remove this compressed mode pattern, or define the measurement purpose as “LCS/GPS”.

RAN WG4 would like to inform RAN WG1 and RAN WG2 that any compressed mode has an impact on the radio performance, and requests that this is carefully considered before a decision is made.

This should include a study on the required minimum compressed mode pattern (e.g. length of gaps, frequency of gap) for a number of UE scenarios (e.g. indoor, outdoor at high speed) to meet the Stage 1 LCS requirements on accuracy and positioning times.

RAN WG4 assumes that the required minimum compressed mode patterns may be different for the case where a UE is “permanently” monitoring for LCS/GPS, and the case where a user/UE/NW action triggers a positioning and no prior knowledge exists.