

Source: TSG RAN WG1
To: TSG RAN WG2
Cc: TSG RAN WG4, TSG RAN WG3
Title: LS on compressed mode for measurement purpose "other"
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RAN WG1 received two contributions related to the compressed mode transmission gap pattern sequence reserved in TS 25.215 for the measurement purpose "other" according to RAN WG2 terminology.

Tdoc R1-00-0951 suggested to remove this extra pattern sequence as there is no description of what the other measurements could be and no capability field to indicate the UE support for this feature.

Tdoc R1-00-1108 suggested that the extra compressed mode pattern sequence can be used for LCS related measurements (in particular GPS measurements in support of the assisted GPS technique) and that the measurement purpose "other" should be defined as measurement purpose "LCS/GPS".

RAN WG1 noted that adoption of either proposal would require a change to the RAN WG2 specification in order to remove or refine the description of the measurement purpose "other". The change suggested in R1-00-1108 would also imply a correction to the UE capability document (so that the UE can indicate whether it needs compressed mode to perform the LCS/GPS related measurements) and possibly the definition of additional tests in RAN WG4.

RAN WG1 also noted that RAN WG2 is leading on R'99 LCS aspects and might have an opinion on support of LCS/GPS related measurements in R'99.

RAN WG1 therefore kindly requests RAN WG2 to provide guidance on this issue, namely to indicate whether RAN WG1 should support compressed mode in support of R'99 LCS/GPS measurements.

RAN WG1 plans to remove the compressed mode pattern sequence reserved for "other measurements" in TS 25.215.

RAN WG1 assumes that RAN WG2 will update the relevant part of its specification and UE capability document in line with the guideline provided to RAN WG1 in order to ensure consistency between RAN WG2 and RAN WG1 documents.