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Source: S3 (contact: Valtteri.Niemi@nokia.com)

To: T3, S1, T2, NewSMG9

Title: Reply to LS on Security issues with ME user input and DTMF tones

S3 thanks T3 and the "new SMG9" for pointing out these issues in Tdoc T3-000301 (S3-000403). After studying also the reply Tdoc S1-000558 (S3-000451) from S1, our conclusion on the matter is as follows:

SAT command "GET INPUT (with hidden text)" should imply that the input text is not only hidden on the display but it is also hidden by all other means from any observers. In particular, no DTMF tones shall be emitted. This holds also for other similar cases.

The main rationale behind this conclusion is the fact that interpreting the DTMF tones is not demanding technically and it could be even easier for an attacker to eavesdrop DTMF codes than to try to get a view on the target terminal display.

S3 would like to ask T3, S1 and T2 to check whether modifications to their specifications are needed to reflect the conclusion above.