

**TSG-RAN Meeting #7**  
**Madrid, Spain, 13 - 15 March 2000**

**RP-000006**

**(R2-000666, copy TSG-RAN) LS on UE radio access capabilities and relation to conformance testing**

**Title: UE radio access capabilities and relation to conformance testing**  
**Source: TSG-RAN WG2**  
**To: TSG-SA**  
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TSG-R2 would like to inform TSG-SA of what has been decided on UE radio access capability signalling and UE classification at TSG-R2#11. TSG-R2 sees that there is a close relation to conformance testing which is under the responsibility of TSG-T1.

A set of UE radio access capability parameters has been defined in TR-25.926. In addition a set of UE capability classes (UE radio access capability parameter combinations) have been defined. It has been decided to use these parameters and classes in the following way:

- It is the TSG-R2 opinion that TSG-T1 should use the UE capability classes as a basis when defining conformance tests against certain combinations of reference RAB configurations through the UTRA protocol stack.
- The UE will signal each individual UE radio access capability parameter i.e. a capability class number will not be used in the signalling. The UE capabilities signalled by the UE shall full-fill, or exceed, at least one of the defined capability classes. The capabilities that exceed a particular class may be utilised by UTRAN if desired. UE capability classes and corresponding conformance tests may be added without changes in the signalling.
- The version of the conformance test specification (TS 34.108) that the UE has declared compliance to is included in the RRC signalling. Thereby conformance tests for features that are already part of the initial release of the UTRA specifications may be added later on.