

Source: RAN WG1
To: RAN WG2
Title: Liaison statement on UE capability parameter definitions
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RAN1 has discussed some issues relating to the definition of the UE capability parameter ‘maximum number of physical channel bits received in any 10ms interval’ in relation to compressed mode by spreading factor reduction and has agreed a change to the parameter definition. RAN1 requests RAN2 to include the following change to the parameter definition into 25.926v310. Background information on this change can be found in R1-00-0845 (attached).

Maximum number of physical channel bits received in any 10 ms interval (DPCH, PDSCH, S-CCPCH)

Defines the number of physical channel bits the UE is capable of receiving. For DPCH in soft/softer handover, each DPCH is only calculated once in this capability. The number of DPCH channel bits indicates the capability for normal, un-compressed mode.

The parameter also indicates the capability of the UE to support compressed mode by spreading factor reduction. For parameter values up to and including 9600 bits, the UE shall also be able to support compressed mode by SF reduction when operating, in normal mode, at any value up to the reported capability, this value. For parameter values greater than 9600 bits, the UE shall be able to support compressed mode by spreading factor reduction when operating, in normal mode, at any value up to half the reported capability or 9600bits, whichever is greater.

