

To: TSG RAN WG3

Source: RAN2

Title: LS on **RNTI value ranges**

At TSG RAN WG2 meeting #7, TSG RAN WG2 set the value ranges for the Radio Network Temporary Identities (RNTI) used in the radio interface. Therefore, TSG RAN WG2 would like TSG RAN WG3 to confirm that the value ranges set by TSG RAN WG2 are appropriate.

C-RNTI

The Cell RNTI (C-RNTI) identifies an UE having a RRC connection within a cell.
Value range: 0-65535 (16 bits)

U-RNTI

The U-RNTI (UTRAN Radio Network Temporary Identity) is allocated to an UE having a RRC connection and identifies the UE within UTRAN.

U-RNTI is sub-divided into

SRNC identity to 0-4095 (12 bits)

S-RNTI to 0-1048575 (20 bits)