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**3GPP TSG RAN WG4 #3**  
**Tokyo, Japan**  
29 – 31 March 1999

**TSGR4#3(99)161**  
**Agenda Item 8**

**Title:           LS on Future definition of UE power classes**

**Source:         TSG RAN WG 4**

**To:              TSG RAN WG2, TSG SA WG1 and TSG T WG2**

**cc:              TSG RAN WG1, TSG RAN**

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TSG RAN WG4 would like to inform the addressees that a certain number of power classes have been defined for usage in the FDD mode (21, 24, 27 and 33 dBm).

These were based on operator and perceived regulatory requirements. However, WG4 can envisage that there would be future requirements for the definition of other (lower and higher) power classes.

- ↑ TSG RAN WG4, therefore, would like to draw the attention of TSG RAN WG2 that sufficient hooks should be kept in the signalling to ensure that future addition of power classes remains compatible with current defined classes
- ❖ In addition, R4 would like to point out that there are two additional lower power classes defined for TDD (10 and 0 dBm) which are foreseen for license exempt applications.
- ➡ Furthermore, TSG RAN WG4 would like to have indications from TSG SA WG1 as to a relationship between the power classes and the services especially in relation with the associated peak bit rate.