

**TSG RAN Working Group 1 Meeting #9**  
**Dresden, Germany, November 30 - December 3**

**TSGR1#9(99)i2**

TSG-RAN Working Group 2 (Radio layer 2 and Radio layer 3)  
Meeting #8, Cheju, Korea, 2 - 5 November 1999

TSGR2#7(99)g58

**Source:** TSG-RAN WG2

**Title:** Liaison statement on FDD UE minimum transmission power

**To:** TSG-RAN WG4

**Cc:** TSG-RAN WG1

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RAN WG2 would like to thank RAN WG4 for the liaison statement on FDD UE minimum transmission power.

In the liaison statement RAN WG4 express concern for the impact on capacity/coverage of UE's close to their base station transmitting at higher power than required by QoS due to the minimum power constraint.

A proposal to reduce the impact of the problem by reducing the time for which the mobile is transmitting by use of a slotted mode is discussed.

RAN WG2 shares the concerns expressed by RAN WG4 for the problem. From a layer 2 and 3 perspective a slotted mode could in principle be devised for the purpose, but RAN WG2 can not see how this can remedy the problem. The reduction in *average* transmit power through the use of a slotted mode is believed to be rather limited. Further more, the *instantaneous* transmit power will be unchanged, and thus the problem remains during the time of transmission.