

TSG-RAN meeting #4  
Miami, June 17-19, 1999

**TSG RAN#4(99)384**

**Source** : 3GPP TSG RAN WG4  
**Title** : Liaison statement to WG1 on power control step size of UE  
**To** : 3GPP TSG RAN WG1  
**Cc** : 3GPP TSG RAN, TSG T1 RF SWG  
**Document for** : Discussion

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## 1. Introduction

This document is a response to the liaison received from 3GPP RAN WG1: TSGR1#5(99)774 which was presented at RAN WG4 #5 meeting as TSGR4#5(99)263.

## 2 Measurement accuracy of measurement equipment

Table 5 in TS 25.101 v1.2.0 shows that the power step is 1dB and its tolerance should be within +/-[0.5]dB.

For testing of this item, the estimated relative accuracy of the measurement equipment is +/-0.1dB for typical value and +/- 0.25dB for guaranteed value. Since this error is not small enough compared to the minimum requirement in 6.4.3 of TS 25.101 v1.2.0, we may not obtain proper results both for slot to slot power step and for the transient requirement.

This issue needs further consideration by TSG T1 RF SWG as well, but also TSG RAN WG1 is kindly requested to take this into consideration for simulations. Also some tolerance in measurement of BS SIR should be taken into account, though TSG RAN WG4 is still investigating this issue.

## 3 Work Plan of TSG RAN WG4

RAN WG4 has a workplan, which shall be considered to meet the schedule of Release 99 (30.504 Ver0.0.2, Work Plan and Study Items). According to that plan, TSG RAN WG4 should release Ver2 of UE FDD specification, S25.101, at next RAN #4 held in Miami 17<sup>th</sup> to 19<sup>th</sup> June '99, and Ver3 at RAN #5.

To meet the schedule, Power control steps in S25.101 should be stable in TSG RAN4 #5 held in Miami 14<sup>th</sup> to 16<sup>th</sup> June '99. TSG RAN WG1 is kindly requested to take this schedule into account and provide rigid information at the next meeting of TSG RAN4#6, 26-29 July'99.