TSG-RAN Working Group 1 meeting #16

TSGR1-00-1312

Pusan, Korea, October 10th – 13th, 2000

Source:	**RAN WG1**
To	**RAN WG2**
CC	**RAN WG3, RAN WG4**
Title:	**LS on Computation of initial value of SIR_{target} in UE**
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WG1 likes to inform WG2, WG3 and WG4 that they see a problem in the current specification of the computation of the initial value of the SIR_{target} by the UE. As a matter of fact, based on the BLER target, the UE can deduce an SIR_{target} value for the data part, but not, as wanted, for the pilot part. In order to know the SIR_{target} for the pilots, you need to add up the power offset between pilots and data, which is unknown to the UE, and there lies the problem.

WG1 would like to ask WG2 for their opinion on how to determine in the UE the value of the power offset for inital SIR_{target} value calculation:

Would it be possible that the power offset be signalled to the UE?

If it is not possible to be signalled to the UE, WG1 will investigate possibilities to derive the power offset value by the UE. Currently WG1 does not a have any available proposal for the power offset prediction algorithm.

WG1 thanks WG2 for looking at this issue.