

**3GPP TSG RAN WG2 #4**  
**25-28 May 1999**  
**Berlin, Germany**

**Tdoc RAN WG2 368/99**

**Source: TSG RAN WG1**

**To: TSG RAN WG2 and WG4**

**Title: Liaison statement to TSG RAN WG 2 and WG 4 on monitoring of UTRA FDD cells**

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TSG RAN WG1 would like to inform TSG RAN WG2 and WG4 about the actual state of the UTRA FDD cell monitoring in WG1 as currently specified in S1.31.

The relative signal strength, as measured at the physical layer, when performing UTRA FDD cell monitoring on the same or different frequencies, is defined as the  $E_c/I_0$ <sup>1</sup> of the Primary CCPCH (Common Control Physical Channel) channel.

WG1 is seeking guidance from WG2 on what is the desired reporting scheme of such measurement to the higher layers. Such reporting scheme should define reporting triggering (periodic or event driven) and the format of the measurement (e.g. raw measurement sample, quantified value of the raw measurement, sliding average, or result of the comparison to a threshold).

WG1 recognises that the TSG RAN WG 4 has to define related possible accuracy requirements (if such value is reported over the air).

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<sup>1</sup>  $E_c/I_0$  is being defined as chip energy per total received channel power density