3GPP TSG RAN Meeting #27   RP-050122
Tokyo, Japan, March 9-11, 2005

Title:	**Revised WID for the work item: UE Antenna Performance Evaluation Method and Requirements**
Agenda:	9.1.1.6
Source:	RAN WG4

Introduction

At RAN#26 a WI on a UE antenna performance evaluation method and requirements was approved. Below, a modified version of the agreed WID [RP-040521] is provided, endorsed by RAN4 at the RAN4 meeting #34, adding

- a link to the corresponding GERAN WI "MS Antenna Performance Evaluation Method and Requirements" based on the LS on Antenna Performance Evaluation Method and Requirements received by RAN4 from GERAN (R4-050071, GP-050541),
- an additional supporting company,
- a clarification of the responsibilities between RAN4 and GERAN.

Work Item Description

Title: **UE Antenna Performance Evaluation Method and Requirements**

1   3GPP Work Area

X	Radio Access
	Core Network
	Services

2   Linked work items

GERAN WI: "MS Antenna Performance Evaluation Method and Requirements" [GP-050284].

3   Justification

The UE antenna performance has critical impact on both system performance (throughput) and coverage. In order to ensure a certain level of coverage and QoS for the user, minimal requirements for UE antenna performance are necessary.

4   Objective

The aim of this work item is to
1. introduce a UE antenna performance evaluation method
2. define UE antenna minimal performance requirements

in the 3GPP specifications, for the speech mode (UE close to head).

5   Service Aspects

None

6   MMI-Aspects

None

7   Charging Aspects

None

8   Security Aspects

None

9   Impacts

Affects:	UICC apps	ME	AN	CN	Others
Yes		X			
No	X		X	X	X
Don't know					

10   Expected Output and Time scale (to be updated at each plenary)

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
25.9XX	~~User Equipment (UE)~~ Antenna Performance Evaluation Method for UMTS User Equipment and GSM Mobile Station	RAN4	GERAN		RAN#29, GERAN #27	

Affected existing specifications				
Spec No.	CR	Subject	Approved at plenary#	Comments
25.101		User Equipment (UE) radio transmission and reception (FDD)	RAN#28	

11   Work item rapporteurs

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12   Work item leadership

TSG-RAN WG4

13   Supporting Companies

TeliaSonera, T-Mobile, NTT DoCoMo, Orange, Vodafone Group, Nokia, Ericsson, Motorola, Siemens

14   Classification of the WI (if known)

	Feature (go to 14a)
X	Building Block (go to 14b)
	Work Task (go to 14c)

14a   The WI is a Feature: List of building blocks under this feature

n/a

14b   The WI is a Building Block: parent Feature

n/a

14c   The WI is a Work Task: parent Building Block

n/a

form change history: