

Source: Telia

Title: Proposed SI: "Feasibility study of UE antenna efficiency test methods performance requirements "

Document for: Approval

The "re-opening" of this Study Item was endorsed by RAN Work Group 4 at its Meeting #21 (Jan. 28 – Feb. 1, 2002; Sophia Antipolis, France).

Study Item Description

Title

Feasibility study of UE antenna efficiency test methods performance requirements

1 **3GPP Work Area**

X	Radio Access
	Core Network
	Services

2 **Linked work items**

This is parented to the RAN improvement feature.

3 **Justification**

Antenna performance of the UE is very critical to the operation of the network. RAN WG4 had agreed that this should be performed in future releases of its specifications.

4 **Objective**

To perform a feasibility study on antenna test methods to be used for evaluating the efficiency of UE antenna. The feasibility study will also consider different requirements on different UE types.

5 **Proposed building blocks and work tasks:**

6 **Service Aspects**
None

7 **MMI-Aspects**
None

8 Charging Aspects

None

9 Security Aspects

None

10 Impacts

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

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

New specifications						
Spec No.	Title	Prime resp. WG	2ndary resp. WG(s)	Presented for information at RAN#	Approved at RAN	Comments
	TR on UE antenna test methods				RAN #18	
Affected existing specifications						
Spec No.	CR	Subject	Approved at RAN		Comments	

12 Work item rapporteur

Alf Ahlström, Allgon

13 Work item leadership

TSG-RAN WG4

14 Supporting Companies

TSG-RAN

15 Classification of the WI (if known)

	Feature (go to 15a)
	Building Block (go to 15b)
X	Work Task (go to 15c)

15c The WI is a Work Task: parent Feature: Radio interface improvement feature