

**Source:** Intel

**Title:** Proposed WI: "Improving Receiver Performance Requirements for the FDD UE"

**Document for:** Approval

---

This Work Item proposal was endorsed by RAN Work Group 4 at its Meeting #21 (Jan. 28 – Feb. 1, 2002; Sophia Antipolis, France).

**Work Item Description**

**Title:**

Improving Receiver Performance Requirements for the FDD UE

**1 3GPP Work Area**

X	Radio Access
	Core Network
	Services

**2 Linked work items**

*None*

**3 Justification**

Feasible methods exist which can enable improved performance requirements for the UE.

**4 Objective**

The objective of this Work Item is to establish improvements in the currently existing UE performance requirements.

**5 Service Aspects**

*None*

**6 MMI-Aspects**

*None*

**7 Charging Aspects**

*None*

**8 Security Aspects**

None

**9 Impacts**

<b>Affects:</b>	<b>USIM</b>	<b>ME</b>	<b>AN</b>	<b>CN</b>	<b>Others</b>
<b>Yes</b>		X			
<b>No</b>	X		X	X	
<b>Don't know</b>					

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

<b>New specifications</b>						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
<b>Affected existing specifications</b>						
Spec No.	CR	Subject		Approved at plenary#	Comments	
25.101		UE Radio transmission and reception (FDD)		RAN #18		

**11 Work item raporteurs**

Shimon Moshavi, Intel (Shimon.Moshavi@intel.com)

**12 Work item leadership**

TSG-RAN WG4

**13 Supporting Companies**

Cingular, Motorola, T-Mobile Deutschland, Nokia, AWS, Telia, Intel

**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  
(list of Work Items identified as building blocks)

14b The WI is a Building Block: parent Feature  
Improvements of Radio Interface

14c The WI is a Work Task: parent Building Block  
(one Work Item identified as a building block)