

**Work Item Description**

Title: Terminal Conformance Specification of Radio Transmission and Reception for introduction in the UMTS-850 MHz Band

**1 3GPP Work Area**

X	Radio Access
	Core Network
	Services

**2 Linked work items**

WP ID	WID	Rel. *	Title
1216	RAN_Wis_23	P_F	Improvements of Radio Interface
24007	RP-030197	P_BB	UMTS-850

\* Relationship: P = Parent, F = Feature, BB = Building Block, S = Subordinate, R = Related

**3 Justification**

As for IMT-2000, spectrum was first identified by WARC-92. WRC 2000 extended the current IMT-2000 frequency allocation to include bands currently occupied with-in the 850 MHz band. In addition, ITU-R Study group 8F has recently forwarded into the ITU approval process a revision to ITU-R Recommendation M. [1036-1]. This revision includes recognition of the WRC 2000 bands identified for IMT-2000, in particular the band range 806-960 MHz.

It is believed that GPRS/EDGE at 850MHz will eventually begin evolving into UMTS atUMTS-850 with-in ITU Region 2. Therefore, the proponents of this work item believe that there is high possibility that IMT-2000 would be introduced ITU Region 2 in the near future.

**4 Objective**

The purpose of this work item is to:

- 4.1 Alignment of Terminal Conformance Specification of UMTS-850 MHz FDD band to core specification.

The specific bands to be discussed are<sup>1</sup>:

- 824 – 849 MHz: Up-link (UE transmit, Node B receive)
- 869 – 894 MHz: Down-link (Node B transmit, UE receive)

- 4.2 Generate CR's to update the appropriate documents
- 4.3 Any additional related issues.

**5 Service Aspects**

*None*

<sup>1</sup> These uplink/downlink pairings are consistent with the revision of ITU-R M. [1036-1].

**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	X		
<b>No</b>	X			X	X
<b>Don't know</b>					

**10 Expected Output and Time scale**

<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	
34.121		Terminal Conformance Specification, Radio Transmission and Reception		T#27 March 05		
34.108		Common test environments for User Equipment (UE) Conformance testing		T#27 March 05		

**11 Work item rapporteurs**

Carolyn Taylor (Motorola)

**12 Work item leadership**

T1/RF

**13 Supporting Companies**

Motorola, Qualcomm, Nokia, Cingular, Nortel Networks, Ericsson

**14**                      **Classification of the WI (if known)**

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

**14c      The WI is a Work Task:**

See section 2, Linked Work Items for relationship between this Work Task and its parent Building Block and Feature