

Title: UE performance requirements for MBMS
Agenda: 8.4
Source: Vodafone, NTT DoCoMo, TIM, T-Mobile, Ericsson, Nortel Networks,
Panasonic

Work Item Description

Title: **UE Performance Requirements for MBMS**

1 3GPP Work Area

X	Radio Access
	Core Network
	Services

2 Linked work items

- Introduction of the Multimedia Broadcast Multicast Service (MBMS) in RAN.

3 Justification

In order to facilitate the deployment of the MBMS feature, it is essential to ensure that MBMS capable UE are supporting a minimum level of performance in terms of P2M radio link reception.

4 Objective

The aim of this work item is to define performance requirements for the support of the MBMS feature in the UE. This will encompass the definition of performance requirements for the support of MBMS P2M radio links and MICH by the UE. Performance requirements will take into account the potential impacts of interruptions (e.g. measurements) (inter-RAT and/or inter-frequency). This work should consider results of TSG SA WG4 with respect to MBMS feature on relevant parts.

5 Service Aspects

None

6 MMI-Aspects

None

7 Charging Aspects

None

8 Security Aspects

None

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Impacts

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

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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 plenary#	Approved at plenary#	Comments
Affected existing specifications						
Spec No.	CR	Subject	Approved at plenary#		Comments	
25.101		User Equipment (UE) radio transmission and reception (FDD)	RAN#28			
25.133		Requirements for support of radio resource management (FDD)	RAN#28			

Note: this work item is the Performance Requirements part of the stage 3 of the Introduction of the Multimedia Broadcast Multicast Service (MBMS) in RAN work item.

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Work item rapporteurs

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Work item leadership

TSG-RAN WG4

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Supporting Companies

Vodafone Group, NTT DoCoMo, TIM, T-Mobile, Ericsson, Nortel Networks, Panasonic

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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
Multimedia Broadcast Multicast Service (MBMS) in RAN.
- 14c The WI is a Work Task: parent Building Block
- n/a

form change history:
2003-05-28: spelling of "rapporteur" corrected
2002-07-04: "USIM" box changed to "UICC apps"