

TSG-RAN #12  
Stockholm, Sweden, 12-15 June, 2001

**TSG RP (01)0453**

TSG-RAN Working Group 4 (Radio) meeting #17  
Gothenburg, Sweden, 21-25 May, 2001

**TSG R4#17 (01)0723**

**Source:** RAN WG4  
**To:** RAN WG2,RAN WG3  
**CC:** TSG RAN  
**Title:** LS on Power Output Classes for Frequency Bands II and III  
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RAN4 is at the moment working on adding requirements to the RF performance specifications for operation of UTRA in the 1900 MHz and 1800 MHz frequency bands, in RAN4 called Bands II and III. The new bands will be added as release independent features.

In the process, a proposal is being considered to add a new lower power class for these bands, see the attached CR in Tdoc R4-010601. The proposal adds a Power Class 5 to the previous four classes for the operation in the above mentioned bands only. Although no consensus has been reached on the proposal, RAN4 would like to inform RAN2 and RAN3 about this proposal and asks for feedback on the possible impact of the additional power class on the RAN2 and RAN3 specifications. More specifically

1. What is the impact on the signalling specifications?
2. Can the specifications easily be extended to include a new power class?
3. Does RAN2/RAN3 have any additional comment related to the attached proposal?

RAN4 kindly asks for a response to these issues during the next RAN4 meeting to be held in Berlin 9-13 July, 2001.

## CHANGE REQUEST

⌘ **25.101 CR xxx** ⌘ ev **-** ⌘ Current version: **4.0.0** ⌘

For **HELP** on using this form, see bottom of this page or look at the pop-up text over the ⌘ symbols.

**Proposed change affects:** ⌘ (U)SIM  ME/UE  Radio Access Network  Core Network

<b>Title:</b>	⌘ UE UMTS 1800 &1900 Power Output Class		
<b>Source:</b>	⌘ Ericsson		
<b>Work item code:</b>	⌘ RlnImp-UMTS19	<b>Date:</b>	⌘ 2001-05-14
<b>Category:</b>	⌘ <b>B</b>	<b>Release:</b>	⌘ REL-5
	Use <u>one</u> of the following categories:		Use <u>one</u> of the following releases:
	<i>F</i> (correction)		2 (GSM Phase 2)
	<i>A</i> (corresponds to a correction in an earlier release)	R96	(Release 1996)
	<i>B</i> (addition of feature),	R97	(Release 1997)
	<i>C</i> (functional modification of feature)	R98	(Release 1998)
	<i>D</i> (editorial modification)	R99	(Release 1999)
	Detailed explanations of the above categories can be found in 3GPP TR 21.900.		REL-4 (Release 4)
			REL-5 (Release 5)

<b>Reason for change:</b>	⌘ More completely specify UE power output for each Frequency Band		
<b>Summary of change:</b>	⌘ Restructure of Table 6.1 and introduction of Class 5.		
<b>Consequences if not approved:</b>	⌘ The Power Output will not be optimal for each Frequency Band		

<b>Clauses affected:</b>	⌘ 6.2.1		
<b>Other specs affected:</b>	⌘ <input type="checkbox"/> Other core specifications	⌘	TS 34.121
	<input checked="" type="checkbox"/> Test specifications		
	<input type="checkbox"/> O&M Specifications		
<b>Other comments:</b>	⌘		