TSG-RAN Meeting #10 ***RP-000587***
Bangkok, Thailand, 6 - 8 December 2000

Title: Agreed CRs to TS 25.104

Source: TSG RAN WG4

Agenda Item:5.4.3

Tdoc Num	TS	CR number	Title	Type	Status	Cur Ver	New Ver
R4-000982	25.104	53	Correction for 25.104 concerning the channel number calculation.	F	agreed	3.4.0	3.5.0
R4-000963	25.104	54	Editorial correction to uplink reference channel for 2048kbps	F	agreed	3.4.0	3.5.0

3GPP TSG RAN WG4 Meeting #14 **R4-000982**

Sophia, France 13th - 17th November 2000

CR-Form-v3

CHANGE REQUEST

⌘ **25.104** **CR** 53 ⌘ rev **-** ⌘ Current version: **3.4.0** ⌘

*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 **X** Core Network ☐

Title:	⌘	**Correction for 25.104 concerning the channel number calculation.**
Source:	⌘	RAN WG4
Work item code:	⌘	***Date:*** ⌘
Category:	⌘	***F*** ***Release:*** ⌘ R99

Use one of the following categories:
- ***F*** *(essential correction)*
- ***A*** *(corresponds to a correction in an earlier release)*
- ***B*** *(Addition of feature),*
- ***C*** *(Functional modification of feature)*
- ***D*** *(Editorial modification)*

Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
REL-4	*(Release 4)*
REL-5	*(Release 5)*

Reason for change:	⌘	Obvious error in the calculation formula for the calculation of the channel number.
Summary of change:	⌘	Deletion of the unit MHz
Consequences if not approved:	⌘	Incorrect channel number

Clauses affected:	⌘	5.4.3
Other specs Affected:	⌘	☐ Other core specifications ⌘ **X** Test specifications ☐ O&M Specifications
Other comments:	⌘	

5.4 Channel arrangement

5.4.1 Channel spacing

The nominal channel spacing is 5 MHz, but this can be adjusted to optimize performance in a particular deployment scenario.

5.4.2 Channel raster

The channel raster is 200 kHz, which means that the center frequency must be an integer multiple of 200 kHz.

5.4.3 Channel number

The carrier frequency is designated by the UTRA Absolute Radio Frequency Channel Number (UARFCN). The value of the UARFCN in the IMT2000 band is defined as follows:

Table 5.1: UTRA Absolute Radio Frequency Channel Number

~~Uplink~~	~~$N_u = 5 * (F_{uplink}$ MHz)~~	~~0.0 MHz ≤ F_{uplink} ≤ 3276.6 MHz where F_{uplink} is the uplink frequency in MHz~~
~~Downlink~~	~~$N_d = 5 * (F_{downlink}$ MHz)~~	~~0.0 MHz ≤ $F_{downlink}$ ≤ 3276.6 MHz where $F_{downlink}$ is the downlink frequency in MHz~~

Uplink	$N_u = 5 * F_{uplink}$	0.0 MHz ≤ F_{uplink} ≤ 3276.6 MHz where F_{uplink} is the uplink frequency in MHz
Downlink	$N_d = 5 * F_{downlink}$	0.0 MHz ≤ $F_{downlink}$ ≤ 3276.6 MHz where $F_{downlink}$ is the downlink frequency in MHz

3GPP TSG RAN WG4 Meeting #14 **R4-000963**

Sophia, France 13th - 17th November 2000

CR-Form-v3

CHANGE REQUEST

⌘ **25.104** **CR** **54** ⌘ rev **-** ⌘ Current version: **3.4.0** ⌘

*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 **X** Core Network ☐

Title:	⌘	Editorial correction to uplink reference channel for 2048kbps
Source:	⌘	RAN WG4
Work item code:	⌘	***Date:*** ⌘ 13 November 00
Category:	⌘ **F**	***Release:*** ⌘ R99

Use one of the following categories:
- ***F*** *(essential correction)*
- ***A*** *(corresponds to a correction in an earlier release)*
- ***B*** *(Addition of feature),*
- ***C*** *(Functional modification of feature)*
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Detailed explanations of the above categories can be found in 3GPP TR 21.900.

Use one of the following releases:

2	*(GSM Phase 2)*
R96	*(Release 1996)*
R97	*(Release 1997)*
R98	*(Release 1998)*
R99	*(Release 1999)*
REL-4	*(Release 4)*
REL-5	*(Release 5)*

Reason for change:	⌘	Correction of minor editorial error
Summary of change:	⌘	Correction of one number in uplink model definition for 2048kbps.
Consequences if not approved:	⌘	Uplink model definition will not be completely clear.

Clauses affected:	⌘	Figure A.6		
Other specs affected:	⌘	☐ Other core specifications **X** Test specifications ☐ O&M Specifications	⌘	TS 25.141v3.3.0
Other comments:	⌘			

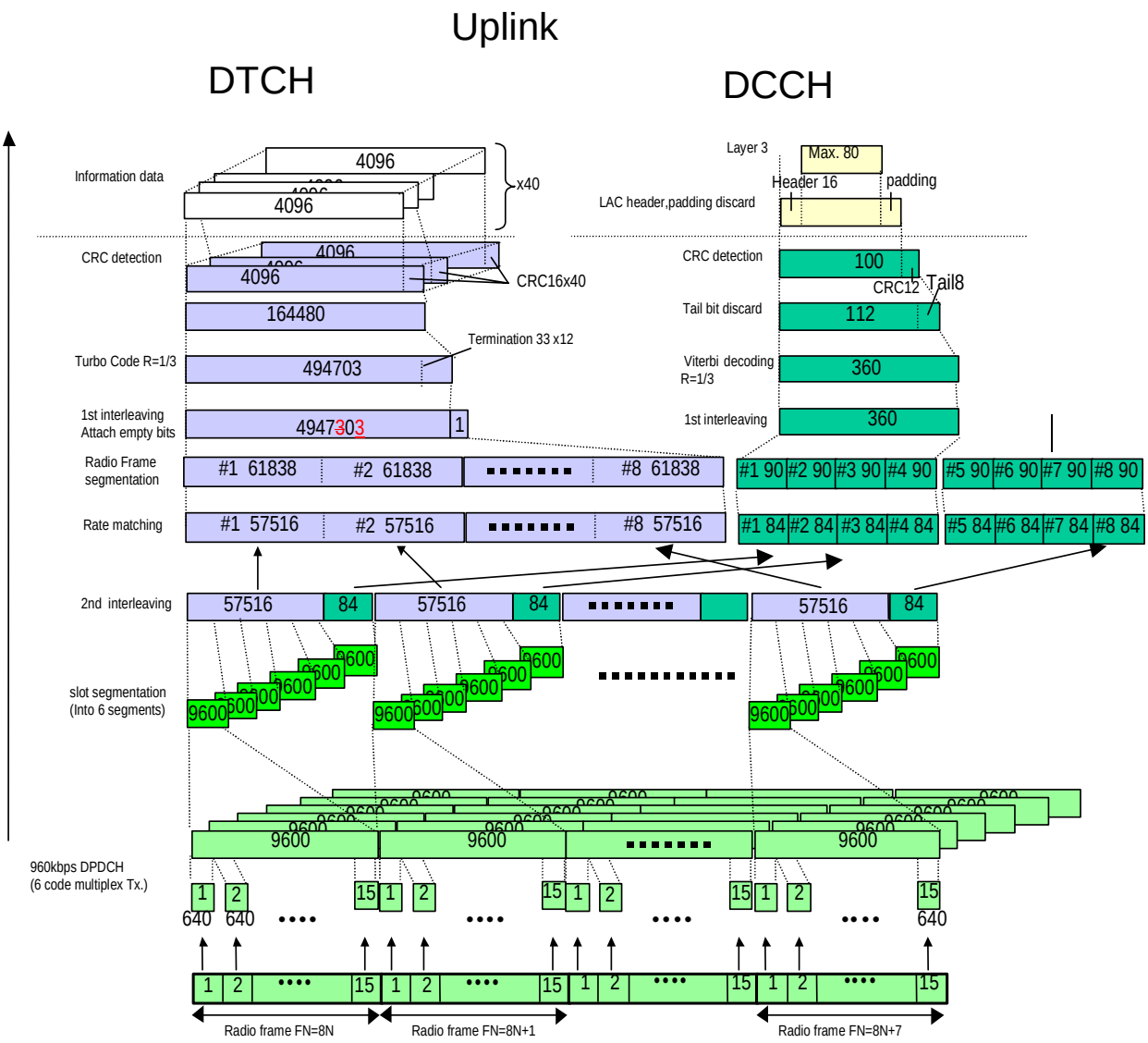

Figure A.6

Table A.6: UL reference measurement channel (2048kbps)

Parameter	Level	Unit
Information bit rate	2 048	kbps
DPCH	960	kbps
Power control	Off	
TFCI	On	
Puncturing	1	%