Title Revised CRs for DS-CDMA introduction in the 800 MHz band; Frequency

bands for UMTS1.7/2.1, UMTS850 and DS-CDMA 800

Source ARIB Agenda Item 8.1.4

Spec	CR	R	Cat	Rel	Curr Ver	Title	Work Item
25.101	271	1	В	Rel-6	6.1.0	Frequency bands for UMTS1.7/2.1, UMTS800 and UMTS850	RInImp-UMTS850, RInImp-UMTS800, RInImp-UMTS1721
25.104	200	1	В	Rel-6	6.2.0	Frequency bands for UMTS1.7/2.1, UMTS800 and UMTS850	RInImp-UMTS850, RInImp-UMTS800, RInImp-UMTS1721
25.141	319	1	В	Rel-6	6.2.0	Frequency bands for UMTS1.7/2.1, UMTS800 and UMTS850	RInImp-UMTS850, RInImp-UMTS800, RInImp-UMTS1721

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CHANGE REQUEST						
Æ.	25.101	CR <mark>271</mark>	∞rev	1 8	Current ve	rsior 6.1.0
For <u>HELP</u> on us	sing this fo	rm, see bottom o	of this page or	look at the	e pop-up text	over the ∠ symbols.
Proposed change a	ffects:	UICC apps <i>∞</i>	ME X	Radio A	ccess Networ	k Core Network
Title:	Frequenc	y bands for UM	TS1.7/2.1, UN	ITS850 an	d DS-CDMA	800
Source:	ARIB					
Work item code: ∠		MTS1721, RInir 0, Rinimp-UMTS			Date: ≰	06/09/2003
	F (cc A (co. releas B (ac C (fur D (ec Detailed ex	the following cate orrection) rresponds to a co e) ddition of feature), nctional modificatio litorial modificatio planations of the a 3GPP TR 21.900	rrection in an e ion of feature) n) above categorie		Release: ∠ Use <u>one</u> of 2 R96 R97 R98 R99 Rel-4 Rel-5 Rel-6	Rel-6 the following releases: (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5) (Release 6)
Reason for change	· « Intro	ducing new 3 ag	ditional hands	2		
Reason for change: Introducing new 3 additional bands. Summary of change: Interducing frequency bands for UMTS1.7/2.1, UMTS850 and UMTS800 (DS-CDMA 800).						
Consequences if not approved:		ency numbers f	or new additio	nal bands	are not speci	fied.
Clauses affected:	≤ 5.2					
Other specs Affected:	Y N X X	Other core sp Test specifica O&M Specifica	tions	∠ 25.3 34.1		
Other comments:	Ø.					

5.2 Frequency bands

a) UTRA/FDD is designed to operate in either of the following paired bands:

Table 5.0: UTRA FDD frequency bands

Operating Band	UL Frequencies UE transmit, Node B receive	DL frequencies UE receive, Node B transmit
I	1920 – 1980 MHz	2110 –2170 MHz
II	1850 –1910 MHz	1930 –1990 MHz
III	1710-1785 MHz	1805-1880 MHz
<u>IV</u>	<u>1710-1770MHz</u>	<u>2110-2170MHz</u>
<u>V</u>	<u>824 – 849MHz</u>	<u>869-894MHz</u>
<u>VI</u>	<u>830-840 MHz</u>	<u>875-885 MHz</u>

Note: Band VI specifications are developed for use in Japan. The Band VI frequency ranges in the table are subject to coming regulatory decisions.

b) Deployment in other frequency bands is not precluded

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CHANGE REQUEST						
Ø.	25.104 CR 200					
For <u>HELP</u> on us	sing this form, see bottom of this page or look at the pop-up text over the $arkappa$ symbols	S.				
Proposed change at	Proposed change affects: UICC apps ≥ ME Radio Access Network X Core Network					
Title:	Frequency bands for UMTS1.7/2.1, UMTS850 and DS-CDMA 800					
Source:	ARIB					
Work item code: ∠	RInImp-UMTS1721, RInImp- UMTS850, RInImp-UMTS800 Date: © 06/09/2003					
	B Release: ∠ Rel-6 Use one of the following categories: Use one of the following releases F (correction) 2 (GSM Phase 2) A (corresponds to a correction in an earlier release) B (addition of feature), C (functional modification of feature) D (editorial modification) R98 (Release 1998) C (editorial modification) R99 (Release 1999) Detailed explanations of the above categories can Rel-4 (Release 4) be found in 3GPP TR 21.900. Rel-6 (Release 5) Rel-6 (Release 6)	5 :				
Reason for change:	: Introducing new 3 additional bands.					
Summary of change	e: Intorducing frequency bands for UMTS1.7/2.1, UMTS850 and UMTS800 (DS CDMA 800).	-				
Consequences if not approved:	Frequency numbers for new additional bands are not specified.					
Clauses affected:	∠ 4.3, 5.2					
Other specs Affected:	Y N X Other core specifications X Test specifications O&M Specifications 25.307. 25.141					
Other comments:	K.					

4.3 Regional requirements

Some requirements in TS 25.104 may only apply in certain regions. Table 4.1 lists all requirements that may be applied differently in different regions.

Table 4.1: List of regional requirements

Clause number	Requirement	Comments
5.2	Frequency bands	Some bands may be applied regionally.
5.2 6.6.3.2	Frequency bands Protection of the BS receiver of own or different BS Spurious emissions	Band VI specifications are developed for use in Japan. The Band VI frequency ranges specified in clause 5.2 are subject to coming regulatory decisions.
<u>7.7</u> 5.3	Tx-Rx Frequency Separation	The requirement is applied according to what frequency bands in Clause 5.2 that are supported by the BS.
5.4	Channel arrangement	The requirement is applied according to what frequency bands in Clause 5.2 that are supported by the BS.

5.2 Frequency bands

a) UTRA/FDD is designed to operate in any of the following paired bands:

Table 5.0: Frequency bands

Operating	UL Frequencies	DL frequencies
Band	UE transmit, Node B receive	UE receive, Node B transmit
I	1920 – 1980 MHz	2110 –2170 MHz
	1850 –1910 MHz	1930 –1990 MHz
III	1710-1785 MHz	1805-1880 MHz
<u>IV</u>	<u>1710-1770MHz</u>	<u>2110-2170MHz</u>
<u>V</u>	<u>824 – 849MHz</u>	<u>869-894MHz</u>
<u>VI</u>	<u>830-840 MHz</u>	<u>875-885 MHz</u>

b) Deployment in other frequency bands is not precluded

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CHANGE REQUEST	'I II+V 7
25.141 CR 319 ∠rev 1 ∠ Current versior 6.2.0 ∠	
For HELP on using this form, see bottom of this page or look at the pop-up text over the z symbols	
Proposed change affects: UICC apps ∠ ME Radio Access Network X Core Network	(
Title: Frequency bands for UMTS1.7/2.1, UMTS850 and DS-CDMA 800	
Source: ARIB	
Work item code: RInImp-UMTS1721, RInImp- UMTS850, RInImp-UMTS800 Date: 06/09/2003	
Category: ■ B Use one of the following categories: F (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. Release: Rel-6 Use one of the following releases 2 (GSM Phase 2) R96 (Release 1996) R97 (Release 1997) R98 (Release 1998) R99 (Release 1999) Rel-6 (Release 4) Rel-5 (Release 5) Rel-6 (Release 6)	·
Reason for change: Introducing new 3 additional bands.	
Summary of change: Intorducing frequency bands for UMTS1.7/2.1, UMTS850 and UMTS800 (DS-CDMA 800).	
Consequences if not approved: Frequency numbers for new additional bands are not specified.	
Clauses affected: 3.4.1, 4.7	
Other specs Affected: Y N X Other core specifications X Test specifications O&M Specifications	
Other comments:	

3.4 Radio Frequency bands

3.4.1 Frequency bands

a) UTRA/FDD is designed to operate in any of the following paired bands:

Table 3.0: Frequency bands

Operating Band	UL Frequencies UE transmit, Node B receive	DL frequencies UE receive, Node B transmit
I	1920 – 1980 MHz	2110 –2170 MHz
II	1850 –1910 MHz	1930 –1990 MHz
III	1710-1785 MHz	1805-1880 MHz
<u>IV</u>	<u>1710-1770MHz</u>	<u>2110-2170MHz</u>
<u>V</u>	<u>824 – 849MHz</u>	<u>869-894MHz</u>
<u>VI</u>	<u>830-840 MHz</u>	<u>875-885 MHz</u>

b) Deployment in other frequency bands is not precluded

4.7 Regional requirements

Some requirements in TS 25.141 may only apply in certain regions. Table 4.4 lists all requirements that may be applied differently in different regions.

Table 4.4: List of regional requirements

Subclause number	Requirement	Comments
3.4.1	Frequency bands	Some bands may be applied regionally.
3.4.1 6.5.3.4.3	Frequency bands Protection of the BS receiver of own or different BS	Band VI specifications are developed for use in Japan. The Band VI frequency ranges specified in clause 3.4.1 are subject to coming regulatory
6.5.3.7.3 7.7	Protection of the BS receiver of own or different BS Spurious Emissions	decisions.
3.4.2	Tx-Rx Frequency Separation	The requirement is applied according to what frequency bands in clause 3.4.1 that are supported by the BS.
3.5	Channel arrangement	The requirement is applied according to what frequency bands in clause 3.4.1 that are supported by the BS.