3GPP TSG RAN Meeting #20 Hameenlinna, FINLAND, 3 - 6 June 2003

RP-030270

Title: CRs (R'99 and Rel4/Rel5 category A) to TS 25.215

Source: TSG-RAN WG1

Agenda item: 7.1.3

1. TS 25.215 (RP-030270)

RP Tdoc #	WG Toc#	Spec	CR	Rev	Subject	Phase	Cat	Curre	New	Workitem	Remarks
RP-030270	R1-030601	25.215	140		Correction of transmitted carrier power definition in case of Tx diversity	R99	F	3.11. 0	3.12. 0		
RP-030270	R1-030601	25.215	141		Correction of transmitted carrier power definition in case of Tx diversity	Rel-4	А	4.6.0	4.7.0		
RP-030270	R1-030601	25.215	142		Correction of transmitted carrier power definition in case of Tx diversity	Rel-5	А	5.3.0	5.4.0		

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			CH	ANGE	REQ	UE	ST			CR-Form-	17
*	25	.215	CR 140	9	⊭rev	-	æ	Current ve	ersion	3.11.0 ^{ss}	
For <u>HELP</u> on u	sing t	his forr	n, see botte	om of this p	page or	look a	at the	pop-up te	ext ove	er the % symbols.	
Proposed change a	affec	ts: U	IICC apps ≇	B	ME	Rad	lio Ad	ccess Netv	vork 🔀	X Core Network	
Title: %	Cor	rection	of transmi	tted carrier	power	defini	tion i	n case of	Tx div	ersity	
Source: #	TS	G RAN	WG1								
Work item code: ₩								Date:	% 1	9/05/2003	
Category: 業	Use Deta	F (corre A (corre B (adda C (fund D (edite iled exp	he following ection) esponds to a tition of featuetional modificational modifications of the titions of the tit	a correction re), ication of fea ation) the above c	ature)		elease	2	of the (GS (Re (Re (Re (Re (Re	following releases: SM Phase 2) elease 1996) elease 1997) elease 1998) elease 1999) elease 4) elease 5)	
Reason for change	e: %	efficie RNC. Moreo differe	ot be used a ent reporting oever seve ent implema	as a sensit g of the cel ral interpre entations o	ole phys Il load o stations of the tra	ical lar of ar of the insmit	ayer r ny int defir tted c	measurem ternal Nod nition are p carrier pow	ent as e B lir possib er in e	e of Tx diversity s a basis for an miting effect to the le which may lead to case of Tx diversity manufacturers.	
Summary of chang	je: ₩	ratio I		e sum of th	ne total t					cted as being the ranches and the	
Consequences if not approved:	*	resso prope Isolat The p Node More	urce mana erly. ted impact proposed co B that doe	analysis: orrection ims not offer	d call ad npacts a Tx dive	dmiss Nodersity a	ion c e B th as a f	ontrol algonate would be eature ren	impler	d to the RNC. Radios would not work ment Tx diversity. A unaffected. e change does not	
Clauses affected:	ж	5.2.4									
Other specs affected:	*	Y N X X X	Other core Test speci O&M Speci	fications	ions	ж					

Other comments:

This correction has no impact on the definition of transmitted carrier power when Tx diversity is not used.

How to create CRs using this form:

Comprehensive information and tips about how to create CRs can be found at http://www.3gpp.org/specs/CR.htm. Below is a brief summary:

- 1) Fill out the above form. The symbols above marked \(\mathbb{H} \) contain pop-up help information about the field that they are closest to.
- 2) Obtain the latest version for the release of the specification to which the change is proposed. Use the MS Word "revision marks" feature (also known as "track changes") when making the changes. All 3GPP specifications can be downloaded from the 3GPP server under ftp://ftp.3gpp.org/specs/ For the latest version, look for the directory name with the latest date e.g. 2001-03 contains the specifications resulting from the March 2001 TSG meetings.
- 3) With "track changes" disabled, paste the entire CR form (use CTRL-A to select it) into the specification just in front of the clause containing the first piece of changed text. Delete those parts of the specification which are not relevant to the change request.

5.2.4 Transmitted carrier power

i e only one value will be reported to higher layers
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CHANGE REQUEST									CR-Form-v7			
*	25	.215	CR 1	41	жr	ev	_ 8	€ C	urrent ve	ersion:	4.6.0	*
For <u>HELP</u> on u	ısing t	this form	n, see b	ottom of	this pag	e or lo	ok at	the p	оор-ир tе	ext over	r the ₩ syi	mbols.
Proposed change	affec	ts: U	ICC app	os #	M	IE <u> </u>	Radio	Acc	ess Netv	vork X	Core No	etwork
Title: #	Col	rection	of trans	mitted c	arrier po	wer de	efinitio	on in	case of	Tx dive	rsity	
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Work item code: ₩									Date:	 19	/05/2003	
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Clauses affected:	ж	5.2.4										
Other specs affected:	*	X	Test sp	ore spece ecification		S	*					

Other comments:

This correction has no impact on the definition of transmitted carrier power when Tx diversity is not used.

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5.2.4 Transmitted carrier power

Definition	Transmitted carrier power is the ratio between the total transmitted power on one DL carrier
Dennition	Transmitted carrier power, is the ratio between the total transmitted power on one DL carrier
	from one UTRAN access point, and the maximum transmission power possible to use on that DL
	carrier at this moment of time. Total transmission power is the mean power [W] on one carrier
	from one UTRAN access point. Maximum transmission power is the mean power [W] on one
	carrier from one UTRAN access point when transmitting at the configured maximum power for
	the cell. Measurement shall be possible on any carrier transmitted from the UTRAN access point.
	The reference point for the transmitted carrier power measurement shall be the Tx antenna
	connector. In case of Tx diversity the transmitted carrier power is the ratio between the sum of
	the total transmitted powers of all branches and the maximum transmission power.for each
	branch shall be measured and the maximum of the two values shall be reported to higher layers,
	i.e. only one value will be reported to higher layers.

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			CHA	ANGE R	REQ	UE	ST				CR-Form-v7
*	25	.215	CR 142	*	rev	-	¥	Current vers	sion:	5.3.0	ж
For <u>HELP</u> on u	sing t	his forr	m, see botto	om of this pa	ige or l	look a	t the	pop-up text	t over	the % syr	nbols.
Proposed change	affec	ts: U	IICC apps ೫	B <mark></mark> 1	ME	Radi	io Ac	cess Netwo	rk X	Core Ne	etwork
Title: #	Coi	rection	of transmit	ted carrier p	ower c	definit	ion ir	n case of Tx	diver	sity	
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Work item code: 米								Date: ₩	19/	05/2003	
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Clauses affected:	ж	5.2.4									
Other specs affected:	ж	Y N X X X	Other core Test specif O&M Spec		ns	¥					

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