

**3GPP TSG-T (Terminals) Meeting #25**  
**Palm Springs, CA, USA**  
**8 - 10 September 2004**

***TP-040194***

**3GPP TSG-T1 Meeting #24**  
**Toronto, Canada, July 26<sup>th</sup> – 30<sup>th</sup> 2004**

***TP-041466***

**Source: T1**

**Title: Difference and Corresponding Effect Analysis between FDD and  
1.28Mcps TDD in Radio Access Stratum Protocol Aspects**

**Agenda item: 6.1.1**

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The document aims to establish a technical report in T1 to analyse the different aspects for FDD and 1.28Mcps TDD in Uu interface and lub interface and their corresponding effect to the test specifications of conformance test.

The proposal of establishing a technical report has been approved in T1 #23 (T1-040706). This document aims to describe the work item of the technical report.

## Work Item Description

### **Title: Difference and Corresponding Effect Analysis between FDD and 1.28Mcps TDD in Radio Access Stratum Protocol Aspects**

#### 1. 3GPP Work Area

X	Radio Access
	Core Network
	Services

#### 2. Linked work items

WP ID	WID	Rel. *	Title
1222	RAN_Wis_1	P_F	Low Chip Rate TDD option
2103	T1-06_11	P_BB	Conformance Test Aspects - Low Chip Rate TDD
2217	T1-06_13	WT	Testing Layer 2 and layer 3 protocol aspects
1227	RAN_Wis_30	R_WI	UE radio access capability
1224	RAN_Wis_27	R_WI	Layer 2 and layer 3 protocol aspects

\* Relationship: P = Parent, F = Feature, BB = Building Block, S = Subordinate, R = Related

#### 3. Justification

FDD and LCR TDD share mostly contents in layers beyond physical layer. A detailed TR on difference analysis and their corresponding effects between FDD and LCR TDD will be helpful to share the FDD TTCN resources as mostly as possible in LCR TDD TTCN development. In hence, it can accelerate the LCR TDD TTCN development progress.

#### 4. Objective

The WI will provide a detailed analysis on the different aspects and their corresponding effect to conformance test between FDD and LCR TDD in Uu interface and lub interface.

#### 5. Service Aspects

None

#### 6. MMI-Aspects

None

#### 7. Charging Aspects

None

#### 8. Security Aspects

None

**9. Impacts**

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

**10. Expected Output and Time scale (to be updated at each plenary)**

New specifications						
Spec No.	Title	Prime rsp. WG	2ndary rsp. WG(s)	Presented for information at plenary#	Approved at plenary#	Comments
34.xxx	Difference and Corresponding Effect Analysis between FDD and 1.28Mcps TDD in Radio Access Stratum Protocol Aspects	T1		#27	#28	
Affected existing specifications						
Spec No.	CR	Subject		Approved at plenary#	Comments	

**11. Work item raporteurs**

Mr Zhifeng Ma, ZTE Corporation

**12 Work item leadership**

TSG T1

**13 Supporting Companies**

ZTE Corporation, Datang Mobile, RITT, Siemens

**14 Classification of the WI (if known)**

	Feature (go to 14a)
	Building Block (go to 14b)
	Work Task (go to 14c)

