

3GPP TSG-RAN Working Group 1 Meeting No. 9
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Agenda Item: Ad Hoc 1
Source: Nokia
Title: Inclusion of time slot format tables in TDD specifications (TS25.221)
Document for: Discussion

INTRODUCTION

The benefit of having a table that indicates the time slot formats for both UL and DL is to keep in the harmonisation with the FDD specifications (TS25.211) and to clearly point out what the time slot formats are in different cases.

TIME SLOT FORMAT TABLE FOR THE DL

Slot Format #	Spreading Factor	Midamble length	N_{TFCI}	Bits /slot	$N_{Data/Slot}$	$N_{data/data\ field}$
0	16	256	0	276	276	138
1	16	256	4	276	272	136
2	16	256	8	276	268	134
3	16	256	16	276	260	130
4	16	256	32	276	244	122
5	16	512	0	264	264	132
6	16	512	4	264	260	130
7	16	512	8	264	256	128
8	16	512	16	264	248	124
9	16	512	32	264	232	116
10	1	256	0	1104	1104	552
11	1	256	4	1104	1100	550
12	1	256	8	1104	1096	548
13	1	256	16	1104	1088	544
14	1	256	32	1104	1072	536
15	1	512	0	976	976	488
16	1	512	4	976	972	486
17	1	512	8	976	968	484
18	1	512	16	976	960	480
19	1	512	32	976	944	472

CONCLUSION

We propose to adopt the table presented in this contribution together with a one for the UL through a CR in the TS25.221.