

Agenda item :

Source : AH-05 Chairman

Title : AH05 report

Document S25.101v 1.0.0 UE Radio transmission and Reception (FDD) has been revised to ver 1.2.0 to take into account the following ;

1. Changes implemented by the editor resulting from the TSG-RAN WG4 meeting #4 held in Stockholm.
2. Changes submitted to the AH05 reflector (of which they were few)
3. Changes as proposed by the editor

All these changes were incorporated in ver 1.2.0 which was sent to the reflector. As no comment was received, document S25.101v1.2.0 is submitted to WG4 for approval as Tdoc R4-99277.

The following is a summary of the changes (excluding minor editorial changes)

New Clause	Editorial / Technical	Comment
Title	E	Change title to reflect RAN document structure
Content page	E	Updated
3.3 (CDMA terms)	E	Replace ARIB terminology with 3GPP (S25.211 v2.0.0) <ul style="list-style-type: none"> • Perch with PCCPCH (Global change) • CPCH with Secondary Common Control Physical Channel (SCCPCH) (Global change) • RI with TFCI (Global change) • DTCH with DCH (Global change) • Add F_w – frequency of unwanted carrier • Add abbreviations for MER, FER, BER and DTX * Some of the above changes were based on comments sent to the WG4 reflector.
3.4.2	E	Replace non-fading channel with static channel (Global change). Also replace channel model with propagation conditions – global change as per Tdoc 191
6.1	E	Add reference to reference measurement channel – Tdoc 191
6.5.2.1	E	Remove square brackets from 50 us as this was previously agreed.
R	E	Move text (item a, b, c) to clause 6.5.3.1 as this text relates to the figure 2 and not clause 6.5.3
6.5.3.1	E	Add 50 us instead of 40 chips as per Tdoc 217 and remove square brackets as previously agreed.
6.6.2.2.	T	Remove ACLR value as agreed in the meeting and add min value as per Tdoc 247 * Comment received on the reflector that text should be changed from "with a filter response that is [normally rectangular]" to "through a matched filter (Root raised cosine alpha 0.22)". This is to be consistent with the latest version of the base station conformance and testing specification TS25.141 v0.1 (1999-05) Section 6.6.2 and for the reasons presented and accepted in Tdoc 195.
6.6.3.1	T	Add regional requirements spurious emissions as per Tdoc 230
6.8.1	T	Add Transmit pulse shaping filter as per Tdoc 207/246
6.8.2.1	E	Modify table to remove redundant table – Tdoc 191
6.8.2	T	Remove square bracket for 17.5 % modulation accuracy –Tdoc - 220

7.1	E	Add reference to ref measurement channel – Tdoc 191
7.3	E	Delete 'static' from title
7.3.1	T	Remove bracket as per Tdoc 231
7.4.1	E	Modify table to remove redundant table – Tdoc 191
7.5.1	E	Modify table to remove redundant table – Tdoc 191
7.6.1	T/E	Modify table to remove redundant table – Tdoc 191 Value for max/min frequency limit is outstanding
7.7.1	E	Modify table to remove redundant table – Tdoc 219
7.8.1	E	Modify table to remove redundant table – Tdoc 219
8	E	Remove section on test environment as duplicated in Annex Also global change to place –10 dB for Perch (PCCPCH) power apart from table 37 - as per Tdoc 191
8.2.1.1	E	Remove text where +/- 0.2 dB is mentioned as this is a TSG-T issue – Global change
8..2.3.1	E	Remove column with rate information on for > 32 channel symbol rate, add 144 Kbps service- Tdoc 191
8.3.1.1	E	Remove column with rate information on for > 32 channel symbol rate, add 144 Kbps service- Tdoc 191
8.4.	T	Add section DTCH for moving channel - 218
8.5	T	Add section for DTCH for birth / death channel -218
8.6	E	Move section on handover to this area- no technical change
8.7	E	Move sections on timing to this area – no technical change
Annex A2	E	<ul style="list-style-type: none"> • Provide table for parameters for the common reference measurement channel (Information bit rate, DPDCH, DPCCH, TFCI, Power control and ratio of DPCCH/DPDCH • Create table for reference measurement channel . – no technical changes
Annex A3, 4, 5	E	Create place holder for voice measurement channel, circuit switched data and packet switched data measurement channel as per T-doc 191
Annex B	E	Add 144 data rate as per T-doc 191
Annex D	T/E	Create section on open items to add – the deployment of TDD ... is an open item. – Tdoc 233
Annex E	E/T	Create informative annex for baseline capabilities as per Tdoc 245