

Agenda Item: 5
Source: Ericsson
Title: Ad hoc 06, chairman report
Document for: Discussion

1. GENERAL

The ad hoc 06 in TSG RAN WG4 has been set up to discuss the BS (FDD) transmission and reception specification 25.104. Chairman of the ad hoc as well as editor of the document is Johan Sköld

2. PROGRESS

Since the meeting in Miami there has been three different discussions in the ad hoc.

The first discussion was on how to interpret the decision in TSG RAN on changes of values for ACS and ACLR due to the new chip rate.

The discussion started with the interpretation that TSG RAN had not made any separation in their decision between UE and BS and that therefore the values should be changed for both UE and BS, not only the UE as now was the case. This was then opposed by the opinion that TSG RAN had not approved any specific values, but rather approved that the editors could update the specifications according to the new chip rate, and that in the work within WG4 it was clear that change was only intended for the UE.

The second discussion focused on in which frequency ranges the ITU SM.329 category B is valid.

It was pointed out that that category A should be valid up to a point 250% of the necessary bandwidth + 1MHz or 12 times the necessary bandwidth, whichever is the greater from the emission where category B is valid unless a more detailed transition is agreed by administrations. The attention was drawn to the ERC Recommendation CEPT/ERC/REC 74-01 where it is stated that this 250% rule may be appropriate for a medium-band system. It was not clear if UTRA could be considered as a medium-band system or should be considered as a wide-band system.

The third discussion was on if the spectrum mask should be specified as in a 'block approach' or with a log linear. Two companies saw different problems with the proposed mask. One with the values close to the carrier and the other with the values further away.

3. CONCLUSIONS

- There was no conclusion on the proposed changed values for ACS and ACLR, due to the decision in TSG RAN.
- There are 'transitions regions' in both ITU SM.329 and the CEPT/ERC/REC 74-01 recommendations that are not reflected in the current version (2.1.0) of the 25.104.
- There was no conclusion on the spectrum mask.