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1 Introduction

The AdHoc61 e-mail discussion group was established after the WG4#6 meeting in order to proceed the TDD specifications. The following topics have been addressed after the last WG4#7 meeting in Tokyo:

- UE TX off power
- TDD BS synchronization accuracy
- Questions on Tdoc 549 (UE and BS reference sensitivity) and Tdoc 458 (Blocking, Intermodulation requirements)

2 UE TX off power

Questions on the feasibility of the TX off requirement were raised by Nokia. Answers from Siemens were given emphasizing that the requirement were derived from particular system scenario calculations. Furthermore it was mentioned that this requirement will anyhow be overruled in case a UE needs to transmit and receive in adjacent timeslots. Finally it was mentioned that the requirement needs to be considered together with the missing template on “Power levels versus time” in the TDD specifications. No further e-mails were exchanged via the reflector.

3 TDD BS synchronization accuracy

Comments on the 5µs synchronization requirement were received from Nokia in particular considering the case of TDD macro and pico cells, since synchronization with 5µs is not necessary in these environments. Siemens mentioned that so far TDD specifications cover the so called “general purpose application BS”, and that therefore the already agreed requirement should be included in the specifications. However it was acknowledged that this requirement will be less stringent in other environments.

4 Questions on Tdoc 549 and Tdoc 458

Questions for clarification on the mentioned documents were raised by Nokia. Siemens provided answers to these questions. No further e-mails were exchanged via the reflector.

4 Conclusion

Contributions on the template for the power levels versus time in the TDD mode are expected to this meeting, i.e. discussion on this topic will go on. The BS synchronization requirement is included in version 3.0.0 of the relevant specification 25.105 in square brackets, that was approved at TSG RAN level. The synchronization procedure via the air is currently under discussion in WG1, i.e. the test case for the mentioned requirement and the particular value is subject to foreseen agreements in WG1.