

Presentation of Specification to TSG or WG

Presentation to: TSG RAN Meeting #6

Document for presentation: TS 25.142 Version 2.2.0

Presented for: Approval

Abstract of document:

The present document specifies the Radio Frequency (RF) test methods and conformance requirements for UTRA Base Stations (BS) operating in the TDD mode. These have been derived from, and are consistent with, the UTRA base station (BS) specifications defined in 3G TS 25.105.

Changes since last presentation to TSG RAN Meeting #5:

Test descriptions for several parameters added or revised, including

- Transmitter parameters; e.g. occupied bandwidth, Tx spurious emissions, ACLR, Transmitter intermodulation,
- All receiver parameters.

Requirements for system performance added.

Annexes on reference measurement channels and propagation conditions added (adopted from TS 25.105)

Outstanding Issues:

Acceptable uncertainty of measurement equipment to be revised and completed until RAN #7

BS output power measurement averaging to be defined until RAN #7

Inner loop power control further refinement needed by defining a power control test mode; to be completed until RAN #7

Spectrum emission mask
(incl. ACLR, Protection outside a licensee's block) requirements in TS 25.105 not adopted before RAN WG4 #9; inclusion of requirements and test descriptions to be completed until RAN #7

System performance requirements in TS 25.105 were adopted at RAN WG4 #9 only; test descriptions to be completed until RAN #7

Contentious Issues:

none