

Source: WI Rapportour (Motorola)

Title: UMTS 1800/1900 status report

Introduction

Since the last plenary meeting work has progressed with the UMTS 1800 and 1900 work items. The 1800 work was due to be completed at this meeting, however with the increased linkages with the 1900 work item it is now recommended that the completion date be modified to RAN #13.

Progress

RAN 2

The technical specification TS 25.307, release 99 release independent frequency bands has been completed, along with the CR to 25.331.

RAN 4

RAN 4 has been concentrating on finalising the GSM coexistence studies. Simulations results are now available from multiple companies looking at the requested scenarios. For 1900 RAN 4 are starting the simulations looking at compatibility with other mobile systems currently used in the 1900 band. Simulations assumptions have been agreed and initial results presented, results from other companies are expected in the next RAN 4 meeting (Berlin).

The document structures for the required changes for UE and BTS radio specifications have been agreed.

For UMTS 1900 additional work has resulted in

- an investigation to offset the channel raster by 100 kHz
- work on the addition of a new power class is being reviewed.
- An agreement on the offset for the blocking signals, along with initial values for the signal levels.
- An agreement on how to handle the FCC requirements