

**Agenda Item:**

**Source:** Ericsson

**Title:** Proposal for TSG RAN WG4 specification structure

**Document for:**

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## **1 Introduction**

At the ETSI STC SMG2 meeting #28 in Dresden, a document was produced with a proposed specification structure for UTRA. The document was approved and sourced SMG2 [1]. Based on that document, a specification series proposal was presented to the TSG RAN #1 meeting in Sophia Antipolis [2]. In this document the relevant TSG RAN WG4 documents as proposed in [2] are listed and the contents and scope of each specification document is elaborated. The result is a proposal of documents for the physical layer specification series, to be created and edited by WG4 during 1999. It is also proposed that the baseline documents for the specification series are the XX-documents used in ETSI SMG2.

## **2 Specification structure proposal**

### **2.1 WG4 Technical Specifications**

#### **S4.01 Radio transmission and reception (FDD)**

- Specifies the FDD transceiver requirements
- Frequency bands
- Transmitter and receiver characteristics
- Reference performance
- Both Base Station and Terminal aspects are included
- Based on XX.06 "UTRA FDD, Radio transmission and reception"

#### **S4.02 Radio transmission and reception (TDD)**

- Specifies the TDD transceiver requirements
- Frequency bands
- Transmitter and receiver characteristics
- Reference performance
- Both Base Station and Terminal aspects are included
- Based on XX.12 "UTRA TDD, Radio transmission and reception"

### **2.2 WG4 Technical Reports (TSG RAN internal)**

#### **I4.01 RF System Scenarios**

- Systems scenarios to be used when deciding L1 parameters
- Single link, co-located and non co-located MS/BS, MS/MS and BS/BS scenarios
- Methodology for co-existence studies
- Based on XX.17 "RF System Scenarios"

## References

[1] Tdoc SMG2 551/98, "Proposal of UTRA standard specification series", source SMG2.

[2] 3GPP/TSGR#1(98)-003, "Proposed specification structure for the Radio Access Network TSG", source Ericsson.