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Technical Specification

**Digital cellular telecommunications system (Phase 2+);
Individual equipment type requirements and interworking;
Special conformance testing functions
(3GPP TS 04.14 version 8.6.0 Release 1999)**



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Foreword

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1 Scope

The present document specifies for Mobile Stations (MS), for the digital cellular communications system and Personal Communication Systems (PCS) operating in the 900 MHz and 1800 MHz band (GSM900 and DCS1800), standardized by ETSI SMG, those ME functions which are required for conformance testing purposes only. However, except for the Electrical Man Machine Interface (EMMI) and the Multi-slot TCH Loops, they are required for every mobile station.

For conformance tests, functions are activated via the radio interface, test SIM or dedicated pins. These functions must be capable of being activated when a test SIM is present but must not function with any other (e.g. network) SIM present except where otherwise stated within the present document. In this state, the MS must be able to perform all functions specified in the present document; in addition however, the special conformance testing functions must be operational.

The special conformance testing functions of the ME are enabled by use of a dedicated Subscriber Identity Module (test SIM, see 3GPP TS 11.10-1 Annex 4). SIM, in general, is described in 3GPP TS 11.11. The ME recognizes the test SIM by the Administrative Data Field.

The present document applies to the public land mobile radio service in the GSM900 and DCS1800 systems, using constant envelope modulation and operating on radio frequencies in the 900 and 1800 MHz bands respectively with a channel separation of 200 kHz and carrying 8 full rate channels or 16 half rate channels per carrier according to the TDMA principle.

The present document is part of the GSM-series of technical specifications. The present document neither replaces any of the other GSM technical specifications or GSM related TS, nor is it created to provide full understanding of (or parts of) the GSM900 and DCS1800 systems.

The present document applies to the unit which includes the hardware to establish a connection across the radio interface.

2 References

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- [1] 3GPP TS 01.04: "Abbreviations and acronyms".
- [2] 3GPP TS 04.07: "Mobile radio interface signalling layer 3 General aspects".
- [3] 3GPP TS 04.08: "Mobile radio interface layer 3 specification".