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**Universal Mobile Telecommunications System (UMTS);
Base Station (BS) radio transmission and reception (FDD)
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Foreword

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1 Scope

This document establishes the Base Station minimum RF characteristics of the FDD mode of UTRA.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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- [1] ITU-R Recommendation SM.329, " Unwanted emissions in the spurious domain ".
- [2] (void)
- [3] ETSI ETR 273-1-2: "Electromagnetic compatibility and Radio spectrum Matters (ERM); Improvement of radiated methods of measurement (using test sites) and evaluation of the corresponding measurement uncertainties; Part 1: Uncertainties in the measurement of mobile radio equipment characteristics; Sub-part 2: Examples and annexes".
- [4] 3GPP TR 25.942 "RF System Scenarios".
- [5] 3GPP TS 45.004: "Digital cellular telecommunications system (Phase 2+); Modulation".
- [6] 3GPP TS 25.213: "Spreading and modulation (FDD)".
- [7] ITU-R recommendation SM.328: "Spectra and bandwidth of emissions".
- [8] 3GPP TS 36.104: " Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception".
- [9] ECC/DEC/(09)03 " Harmonised conditions for MFCN in the band 790-862 MHz", 30 Oct. 2009
- [10] 3GPP TS 37.104: " E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception".
- [11] 3GPP TS 25.331: " Radio Resource Control. Protocol Specification".
- [12] 3GPP TS 25.214: "Physical layer procedures (FDD) ".
- [13] CEPT ECC Decision (13)03, 'The harmonised use of the frequency band 1452-1492 MHz for Mobile/Fixed Communications Networks Supplemental Downlink (MFCN SDL)'.

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the following definitions apply:

Output power: mean power of one carrier of the base station, delivered to a load with resistance equal to the nominal load impedance of the transmitter.