

**3<sup>rd</sup> Generation Partnership Project (3GPP);  
Technical Specification Group (TSG)  
Radio Access Network (RAN);  
Working Group 1 (WG1);  
Spreading and modulation (FDD)**

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Reference

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<Workitem> (25\_213-xxx.PDF)

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## Foreword

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# 1 Scope

The present document describes spreading and modulation for UTRA Physical Layer FDD mode.

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## 2 References

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

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
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[<seq>]            <doctype> <#>[ ([up to and including]{yyyy[-mm]}V<a[b.c]>)[onwards]]: "<Title>".

[1]                EN 301 234 (V2.1 onwards): "Example 1, using sequence field".

[2]                EG 201 568 (V1.3.5): "Example 2, using fixed text".

<doctype> <#>[ ([up to and including]{yyyy[-mm]}V<a[b.c]>)[onwards]]: "<Title>".

EN 301 234 (V2.1 onwards): "Example 1".

EG 201 568 (V1.3.5): "Example 2".

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## 3 Definitions, symbols and abbreviations

### 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply.

### 3.2 Symbols

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

<symbol>            <Explanation>

### 3.3 Abbreviations

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

BCH	Broadcast Control Channel
BER	Bit Error Rate
BS	Base Station
CCPCH	Common Control Physical Channel
DCH	Dedicated Channel
DL	Downlink
DPCH	Dedicated Physical Channel
DPCCCH	Dedicated Physical Control Channel
DPDCH	Dedicated Physical Data Channel

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