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Requirements on User Equipments (UEs)
supporting a release-independent frequency band
(3GPP TS 38.307 version 16.3.0 Release 16)

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650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
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Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

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Contents

Foreword

This Technical Specification has been produced by the 3rd Generation Partnership Project (3GPP).

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- x the first digit:
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  - 2 presented to TSG for approval;
  - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

In the present document, modal verbs have the following meanings:

shall indicates a mandatory requirement to do something

shall not indicates an interdiction (prohibition) to do something

The constructions "shall" and "shall not" are confined to the context of normative provisions, and do not appear in Technical Reports.

The constructions "must" and "must not" are not used as substitutes for "shall" and "shall not". Their use is avoided insofar as possible, and they are not used in a normative context except in a direct citation from an external, referenced, non-3GPP document, or so as to maintain continuity of style when extending or modifying the provisions of such a referenced document.

should indicates a recommendation to do something

should not indicates a recommendation not to do something

may indicates permission to do something

need not indicates permission not to do something

The construction "may not" is ambiguous and is not used in normative elements. The unambiguous constructions "might not" or "shall not" are used instead, depending upon the meaning intended.

can indicates that something is possible

cannot indicates that something is impossible

The constructions "can" and "cannot" are not substitutes for "may" and "need not".

will indicates that something is certain or expected to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

will not indicates that something is certain or expected not to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document

might indicates a likelihood that something will happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

might not indicates a likelihood that something will not happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

In addition:

is (or any other verb in the indicative mood) indicates a statement of fact

is not (or any other negative verb in the indicative mood) indicates a statement of fact

The constructions "is" and "is not" do not indicate requirements.

1 Scope

The present document specifies requirements for Rel-16 UEs supporting release independent features like:

- additional NR operating bands and power classes on top of Rel-16 of TS 38.101 [2-5] and TS 38.133 [6];

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. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] 3GPP TR 21.905: "Vocabulary for 3GPP Specifications".

[2] 3GPP TS 38.101-1: "NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone".

[3] 3GPP TS 38.101-2: "NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone".

[4] 3GPP TS 38.101-3: "NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios".

[5] 3GPP TS 38.101-4: "NR; User Equipment (UE) radio transmission and reception; Part 4: UE performance requirements".

[6] 3GPP TS 38.133: "NR; Requirements for support of radio resource management".

[7] 3GPP TS 38.306: "NR; User Equipment (UE) radio access capabilities".

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [1].

release independent: applicable to some frozen releases, starting from a certain release Rel-M

NOTE 1: Normally, a feature is introduced only in the latest open release Rel-N and future releases are based on the previous one so that future releases inherit the requirements of this feature. Introducing a feature "in a release independent way from Rel-M onwards" (M<N) means it was decided by TSG RAN that this feature would be also beneficial in previous, already frozen releases starting with Rel-M until Rel-(N-1). In order to avoid touching TS 38.101 [2-5] or TS 38.133 [6] of these frozen releases, the corresponding requirements are captured in TS 38.307 via pointers to [2-5] or [6] of the release in which the feature was introduced.

NOTE 2: Release independent does not mean applicable to all releases.

3.2 Symbols

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

N Release in which a feature is introduced into TS 38.101 [2-5] or TS 38.133 [6]
M Release from which onwards (including release M) a feature is release independent

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [1].

BW Bandwidth
CA Carrier Aggregation
CC Component carrier
DL Downlink
EN-DC Dual connectivity between E-UTRA and NR
FDD Frequency Division Duplex
FR1 Frequency range 1
FR2 Frequency range 2
NR New radio
REL Release
SDL Supplementary downlink
SUL Supplementary uplink
TDD Time Division Duplex
UE User Equipment
UL Uplink

4 General

TSG-RAN has agreed for certain features (see the following clauses) to introduce them in a "release independent way".

This means for each feature:

- it is "introduced" in a release N, i.e. TS 38.101 [2-5] and TS 38.133 [6] of release N define certain UE requirements for this feature; the feature is indicated in the tables of the following clauses;
- it is "release independent" starting from a release M (M<N); M for the given feature is provided in the tables of the following clauses;
- UEs supporting this feature have to fulfil additional requirements in release M or higher which are specified in one or more Annexes of TS 38.307 of release N; the applicable Annexes for a given feature are provided in the tables of the following clauses.

The applicable UE Categories are specified in TS 38.306 [7] according to the release to which the UE conforms.

5 Release independent features for NR frequency range 1

5.1 Additional NR operating bands and UE power classes for NR frequency range 1

Requirements for a Rel-16 UE for additional NR operating bands and power classes compared to TS 38.101-1 of Rel-16 [2] are introduced via this clause.

Table 5.1-1: NR operating bands

Feature	Duplex-mode	Release independent from	Requirements to be fulfilled (see TS 38.307 of the release in which the band was introduced)
Operating bands	FDD, TDD, SDL, SUL	Rel-15	Table B.4.1-1, Table B.4.3-1

Table 5.1-2: NR UE power class

Feature	Duplex-mode	Release independent from	Requirements to be fulfilled (see TS 38.307 of the release in which the power class was introduced)
Power Class 1	FDD	Rel-15	Table B.4.1-1, Table B.4.3-1
Power Class 2	TDD	Rel-15	Table B.4.1-1, Table B.4.3-1
Power Class 3	FDD, TDD, SUL	Rel-15	Table B.4.1-1, Table B.4.3-1

5.2 Additional NR CA configurations for NR frequency range 1

5.2.1 Intraband CA

Requirements for a Rel-16 UE for additional NR intraband CA configurations within FR1 compared to TS 38.101-1 of Rel-16 [2] are introduced via this clause.

Table 5.2.1-1: NR intraband CA within FR1

Feature	DL/UL	CA BW Class	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Intra-band contiguous CA configurations within FR1	DL	C, D, E, F, G, H, I, J, K, L	TDD	Rel-15	Table B.4.2-1
	UL	A	TDD	Rel-15	

5.2.2 Interband CA

Requirements for a Rel-16 UE for additional NR interband CA configurations within FR1 compared to TS 38.101-1 of Rel-16 [2] are introduced via this clause.

Table 5.2.2-1: NR interband CA within FR1

Feature	DL/UL	Maximum number of bands	number of CCs	CA BW Classes	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Inter-band CA configurations within NR FR1	DL	2	2	A	TDD, FDD, SDL and TDD	Rel-15	Table B.4.2-1
	UL	2	2	A	TDD, FDD and TDD	Rel-15	

5.3 Additional NR SUL configurations for NR frequency range 1

Requirements for a Rel-16 UE for additional NR SUL configurations within FR1 compared to TS 38.101-1 of Rel-16 [2] are introduced via this clause.

Table 5.3-1: NR SUL within FR1

Feature	DL/UL	number of bands	number of CCs	CA BW Classes	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the SUL configuration was introduced)
Inter-band SUL configurations within NR FR1	DL	1	1	A	TDD	Rel-15	Table B.4.3-1
	UL	2	2	A	TDD and SUL	Rel-15	

6 Release independent features for NR frequency range 2

6.1 Additional NR operating bands and UE power classes for NR frequency range 2

Requirements for a Rel-16 UE for additional NR operating bands and power classes compared to TS 38.101-2 of Rel-16 [3] are introduced via this clause.

Table 6.1-1: NR operating bands

Feature	Duplex-mode	Release independent from	Requirements to be fulfilled (see TS 38.307 of the release in which the band was introduced)
Operating bands	TDD	Rel-15	Table B.4.1-1

Table 6.1-2: NR UE power class

Feature	Duplex-mode	Release independent from	Requirements to be fulfilled (see TS 38.307 of the release in which the band was introduced)
Power Class 1, 2, 3, 4	TDD	Rel-15	Table B.4.1-1

6.2 Additional NR CA configurations for NR frequency range 2

6.2.1 Intraband CA

Requirements for a Rel-16 UE for additional NR intraband CA configurations within FR2 compared to TS 38.101-2 of Rel-16 [3] are introduced via this clause.

Table 6.2.1-1: NR intraband contiguous CA within FR2

Feature	DL/UL	CA BW Class	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Intra-band contiguous CA configurations within FR2	DL	B, C, D, E, F, G, H, I, J, K, L, M, O, P, Q	TDD	Rel-15	Table B.4.2-1
	UL	B, D, E, F, G, H, I, J, K, L, M, O, P, Q	TDD	Rel-15	

Table 6.2.1-2: NR non-contiguous intraband CA within FR2

Feature	DL/UL	number of sub-blocks	maximum number of CCs within a sub-block	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Intra-band non-contiguous CA configurations within FR2	DL	2	4	TDD	Rel-15	Table B.4.2-1
		3	1	TDD	Rel-15	
		4	1	TDD	Rel-15	

7 Release independent features for NR interworking between NR frequency range 1 and NR frequency range 2

7.1 Additional NR interband CA configurations between frequency range 1 and frequency range 2

Requirements for a Rel-16 UE for additional NR interband CA configurations between FR1 and FR2 compared to TS 38.101-3 of Rel-16 [4] are introduced via this clause.

Table 7.1-1: NR interband CA between FR1 and FR2

Feature	DL/UL	number of bands	maximum number of CCs	CA BW Classes	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Inter-band CA configurations for NR interworking between FR1 and FR2	DL FR1	1	2	A, C	FDD, TDD	Rel-15	Table B.4.4-1
	DL FR2	1	4	A, D, E, F	TDD	Rel-15	
	UL FR1	1	1	A	FDD, TDD	Rel-15	
	UL FR2	1	1	A	TDD	Rel-15	

7.2 Additional Inter-band NR-DC configurations between frequency range 1 and frequency range 2

Requirements for a Rel-16 UE for additional Inter-band NR-DC configurations between FR1 and FR2 compared to TS 38.101-3 of Rel-16 [4] are introduced via this clause.

Table 7.2-1: Inter-band NR-DC between FR1 and FR2

Feature	DL/UL	number of bands	maximum number of CCs	CA BW Classes	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Inter-band DC configurations for NR interworking between FR1 and FR2	DL FR1	1	2	A, C	TDD	Rel-15	Table B.4.5-1
	DL FR2	1	8	A, D, E, F, G, H, I, J, K, L, M	TDD	Rel-15	
	UL FR1	1	1	A	TDD	Rel-15	
	UL FR2	1	1	A	TDD	Rel-15	

8 Release independent features for NR interworking between NR and E-UTRA

8.1 Additional EN-DC configurations

8.1.1 Intraband EN-DC

Requirements for a Rel-16 UE for additional EN-DC intraband configurations within FR1 compared to TS 38.101-3 of Rel-16 [4] are introduced via this clause.

Table 8.1.1-0: EN-DC intraband UE power class

Feature	Duplex-mode	Release independent from	Requirements to be fulfilled (see TS 38.307 of the release in which the band was introduced)
Intraband contiguous EN-DC power class 1.5	TDD	Rel-15	Table B.4.6-1
Intraband contiguous EN-DC power class 2	TDD	Rel-15	
Intraband contiguous EN-DC power class 3	FDD, TDD	Rel-15	
Intraband non-contiguous EN-DC power class 1.5	TDD	Rel-15	
Intraband non-contiguous EN-DC power class 2	TDD	Rel-15	
Intraband non-contiguous EN-DC power class 3	FDD, TDD	Rel-15	

Table 8.1.1-1: EN-DC contiguous intraband configurations within FR1

Feature	DL/UL	maximum number of E-UTRA CCs	maximum number of NR CCs	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
intraband contiguous EN-DC	DL	3	1	FDD, TDD	Rel-15	Table B.4.6-1
	UL	1	1	FDD, TDD	Rel-15	

Table 8.1.1-2: EN-DC non-contiguous intraband configurations within FR1

Feature	DL/UL	maximum number of sub-blocks	maximum number of E-UTRA CCs	maximum number of NR CCs	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
intraband non-contiguous EN-DC	DL	2	3	1	FDD, TDD	Rel-15	Table B.4.6-1
	UL	2	1	1	FDD, TDD	Rel-15	

8.1.2 Interband EN-DC

8.1.2.1 Interband EN-DC within frequency range 1

Requirements for a Rel-16 UE for additional EN-DC interband configurations within FR1 compared to TS 38.101-3 of Rel-16 [4] are introduced via this clause.

Table 8.1.2.1-0: EN-DC interband UE power class

Feature	Duplex-mode	Release independent from	Requirements to be fulfilled (see TS 38.307 of the release in which the band was introduced)
Interband EN-DC Power Class 2	TDD	Rel-15	Table B.4.6-1
Interband EN-DC Power Class 3	FDD, TDD	Rel-15	

Table 8.1.2.1-1: EN-DC interband configurations without SUL within FR1

Feature	DL/UL	maximum number of E-UTRA bands	maximum number of E-UTRA CCs	maximum number of NR bands	maximum number of NR CCs	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Interband EN-DC	DL	4	5	2	2	FDD, TDD, FDD and TDD	Rel-15	Table B.4.6-1
	UL	1	2	1	1	FDD, TDD, FDD and TDD	Rel-15	

Table 8.1.2.1-2: EN-DC interband configurations with SUL within FR1

Feature	DL/UL	maximum number of E-UTRA bands	maximum number of E-UTRA CCs	maximum number of NR bands	maximum number of NR CCs	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Interband EN-DC	DL	2	3	1	1	FDD, TDD, FDD and TDD	Rel-15	Table B.4.6-1
	UL	1	1	2	2	FDD, TDD, FDD and TDD and SUL	Rel-15	

8.1.2.2 Interband EN-DC including frequency range 2

Requirements for a Rel-16 UE for additional EN-DC interband configurations including FR2 compared to TS 38.101-3 of Rel-16 [4] are introduced via this clause.

Table 8.1.2.2-1: EN-DC interband configurations including FR2

Feature	DL/UL	number of E-UTRA bands	maximum number of E-UTRA CCs	number of NR bands	maximum number of NR CCs	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Interband EN-DC	DL	4	5	1	8	TDD, FDD and TDD	Rel-15	Table B.4.6-1
	UL	1	2	1	8	TDD, FDD and TDD	Rel-15	

8.1.2.3 Interband EN-DC including frequency range 1 and frequency range 2

Requirements for a Rel-16 UE for additional EN-DC interband configurations including FR1 and FR2 compared to TS 38.101-3 of Rel-16 [4] are introduced via this clause.

Table 8.1.2.3-1: EN-DC interband configurations including FR1 and FR2

Feature	DL/UL	maximum number of E-UTRA bands	maximum number of E-UTRA CCs	maximum number of NR bands	maximum number of NR CCs	Duplex-mode	Release independent from	requirements to be fulfilled (see 38.307 of the REL in which the CA configuration was introduced)
Interband EN-DC	DL FR1	4	4	1	2	TDD, FDD	Rel-15	Table B.4.6-1
	DL FR2			1	4	TDD	Rel-15	
	UL FR1	1	1	1	1	FDD, TDD	Rel-15	
	UL FR2			1	1	TDD,	Rel-15	

Annex A

Reserved for future use.

Annex B (normative): Common Requirements for bands, CA, SUL or DC

B.1 Purpose of annex

The purpose of Annex B is to group the requirements that are common for several bands or CA configurations in this specification and use the common tables as references.

B.2 Common RRM requirements

B.3 Common UE performance requirements

B.4 Common UE RF requirements

B.4.1 Common UE RF requirements for a release independent band

The requirements and test cases listed in Table B.4.1-1 are specified in REL-16 version of TS 38.101-1 [2] or TS 38.101-2 [3].

Table B.4.1-1: Common UE RF requirements for a release independent band

Clause / Clause	Description
5.2	Operating bands
5.3	UE Channel bandwidth
5.4	Channel arrangement
6.2	Transmitter power
6.3	Output power dynamics
6.4	Transmit signal quality
6.5	Output RF spectrum emissions
6.6 of [3]	Beam correspondence
7.3	Reference sensitivity
7.4	Maximum input level
7.5	Adjacent Channel Selectivity
7.6	Blocking characteristics
7.7 of [2]	Spurious response
7.8 of [2]	Intermodulation characteristics
7.9	Spurious emissions
NOTE: A UE which supports any FR2 band introduced in release N, where N > 15, shall meet the requirements according to the FR2 UE multi-band relaxation factors defined in Table 6.2.1.3-4 of the release N version of [3] for all FR2 bands which it supports.	

B.4.2 Common UE RF requirements for CA configurations within NR frequency range 1 or NR frequency range 2

The requirements and test cases listed in Table B.4.2-1 are specified in in REL-16 version of TS 38.101-1 [2] or TS 38.101-2 [3].

Table B.4.2-1: Common UE RF requirements for a release independent intra-band contiguous CA configurations within NR frequency range 1 or NR frequency range 2

Clause	Description
5.2A	Operating bands for CA
5.3A	UE channel bandwidth for CA
5.4A	Channel arrangement for CA
6.2A	Transmitter power for CA
6.3A	Output power dynamics for CA
6.4A	Transmit signal quality for CA
6.5A	Output RF spectrum emissions for CA
6.6A of [3]	Beam correspondence for CA
7.3A	Reference sensitivity for CA
7.4A	Maximum input level for CA
7.5A	Adjacent Channel Selectivity for CA
7.6A	Blocking characteristics for CA
7.7A of [2]	Spurious response for CA
7.8A of [2]	Intermodulation characteristics for CA
7.9A of [2]	Spurious emissions for CA

B.4.3 Common UE RF requirements for SUL

The requirements and test cases listed in Table B.4.3-1 are specified in REL-16 version of TS 38.101-1 [2].

Table B.4.3-1: Common UE RF requirements for a release independent SUL

Clause	Description
5.2	Operating bands
5.2C	Operating band combination for SUL
5.4.2.1	NR-ARFCN and channel raster (7.5kHz frequency shift for SUL)
5.5C	Configurations for SUL
6.2C	Transmitter power for SUL
6.4.2.2	Carrier leakage (7.5 kHz shift with the carrier frequency.)
7.3.3	ΔRIB,c
7.3C	Reference sensitivity for SUL
7.6C	Blocking characteristics for SUL

B.4.4 Common UE RF requirements for interband CA configurations between NR frequency range 1 and NR frequency range 2

The requirements and test cases listed in Table B.4.4-1 are specified in in REL-16 version of TS 38.101-3 [4].

Table B.4.4-1: Common UE RF requirements for a release independent interband CA configurations between NR frequency range 1 and NR frequency range 2

Clause	Description
5.2A	Operating bands for CA
5.3A	UE channel bandwidth for CA
5.4A	Channel arrangement for CA
6.2A	Transmitter power for CA
6.3A	Output power dynamics for CA
6.4A	Transmit signal quality for CA
7.3A	Reference sensitivity for CA
7.4A	Maximum input level for CA
7.5A	Adjacent Channel Selectivity for CA
7.6A	Blocking characteristics for CA
7.7A	Spurious response for CA
7.9A	Spurious emissions for CA

B.4.5 Common UE RF requirements for Inter-band NR-DC configurations between frequency range 1 and frequency range 2

The requirements and test cases listed in Table B.4.5-1 are specified in in REL-16 version of TS 38.101-3 [4].

Table B.4.5-1: Common UE RF requirements for a release independent Inter-band NR-DC configurations between frequency range 1 and frequency range 2

Clause	Description
4.2	Applicability of minimum requirements
5.2B	Operating bands for DC
6.2B.5	Configured output power for NR-DC

B.4.6 Common UE RF requirements for NR interworking between NR and E-UTRA

The requirements and test cases listed in Table B.4.6-1 are specified in in REL-16 version of TS 38.101-3 [4].

Table B.4.6-1: Common UE RF requirements for a release independent NR interworking between NR and E-UTRA

Clause	Description
4.2	Applicability of minimum requirements
5.2B	Operating bands for DC
5.3B	UE channel bandwidth for DC
5.4B	Channel arrangement for DC
6.2B	Transmitter power for DC
6.3B	Output power dynamics for DC
6.4B	Transmit signal quality for DC
7.3B	Reference sensitivity level for DC
7.4B	Maximum input level for DC in FR1
7.5B	Adjacent Channel Selectivity for DC in FR1
7.6B	Blocking characteristics for DC in FR1
7.7B	Spurious response for DC in FR1
7.8B	Intermodulation characteristics for DC in FR1
7.9A	Spurious emissions for CA in FR1

Annex C (informative): Change history

Change history							
Date	**Meeting**	**TDoc**	**CR**	**Rev**	**Cat**	**Subject/Comment**	**New version**
2017-09	RAN4#85	R4-1712166				Skeleton TS	0.0.1
2018-03	RAN4#86	R4-1802107				TS 38.307 v0.1.0	0.1.0
2018-06	RAN#80	RP-180988				v1.0.0 submitted for plenary approval	1.0.0
2018-06	RAN#80					Approved by plenary – Rel-15 spec under change control	15.0.0
2018-09	RAN#81	RP-181896	0001		F	CR for FR2 Power Classes in TS38.307	15.1.0
2018-12	RAN#82	RP-182362	0002	2	B	CR for TS 38.307	15.2.0
2019-06	RAN#84	RP-191237	0005		B	Addition of missing features for TS 38.307	15.3.0
2019-09	RAN#85	RP-192046	0007	1	B	REL-16 TS 38.307 addition of Annexes for UE RF requirements	16.0.0
2019-12	RAN#86	RP-193019	0009		B	CR for REL-16 TS 38.307 for PC2 EN-DC TDD+TDD	16.1.0
2019-12	RAN#86	RP-193018	0012		B	CR for TS 38.307: additional UE channel bandwidth	16.1.0
2019-12	RAN#86	RP-193036	0014		A	Adding SDL to 38.307	16.1.0
2020-03	RAN#87	RP-200404	0016		A	38.307 CR power class	16.2.0
2020-06	RAN#88	RP-201046	0018		F	CR to 38.307 on clarification of the FR2 multi-band requirement framework	16.3.0
2020-06	RAN#88	RP-200986	0022		A	Maintenance CR to 38307 on a reference spec number R16	16.3.0
2020-06	RAN#88	RP-200959	0023		F	Endorsed CR to 38307 on applicable SUL requirements	16.3.0
2020-06	RAN#88	RP-200965	0019	1	B	CR for 38.307: Introduction of Power Class 1.5	16.3.0

History

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