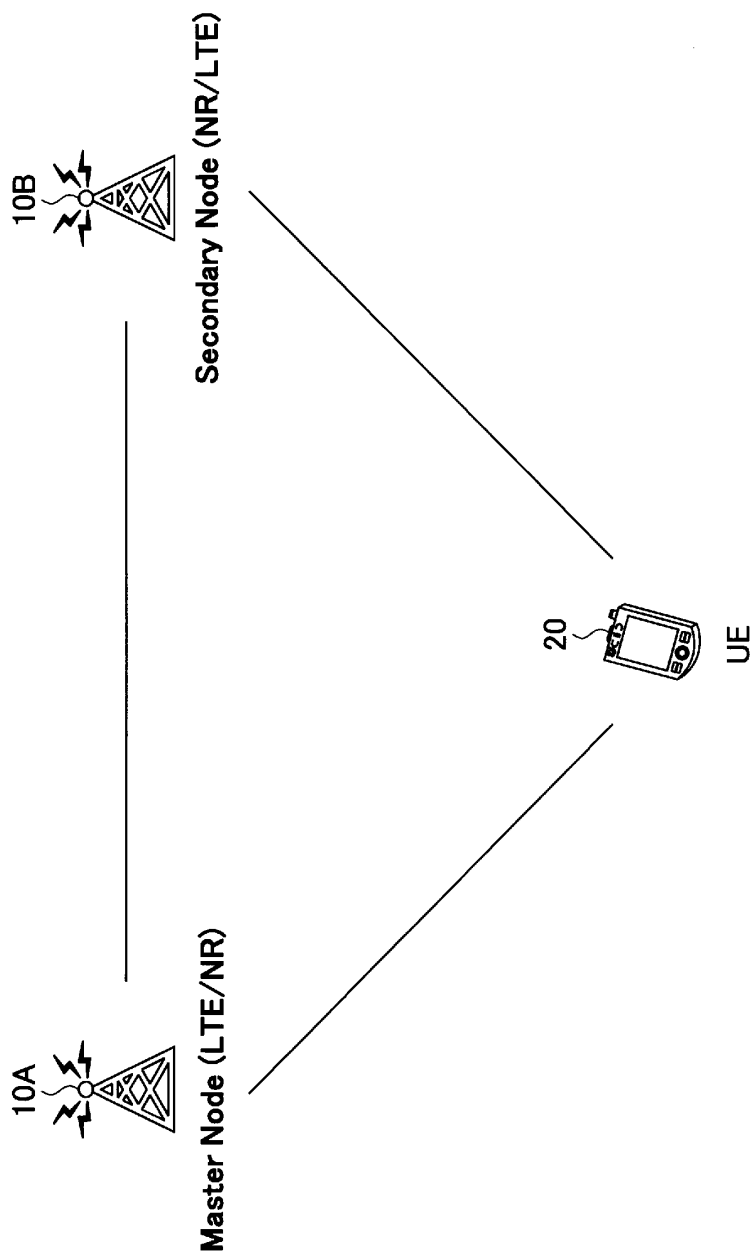
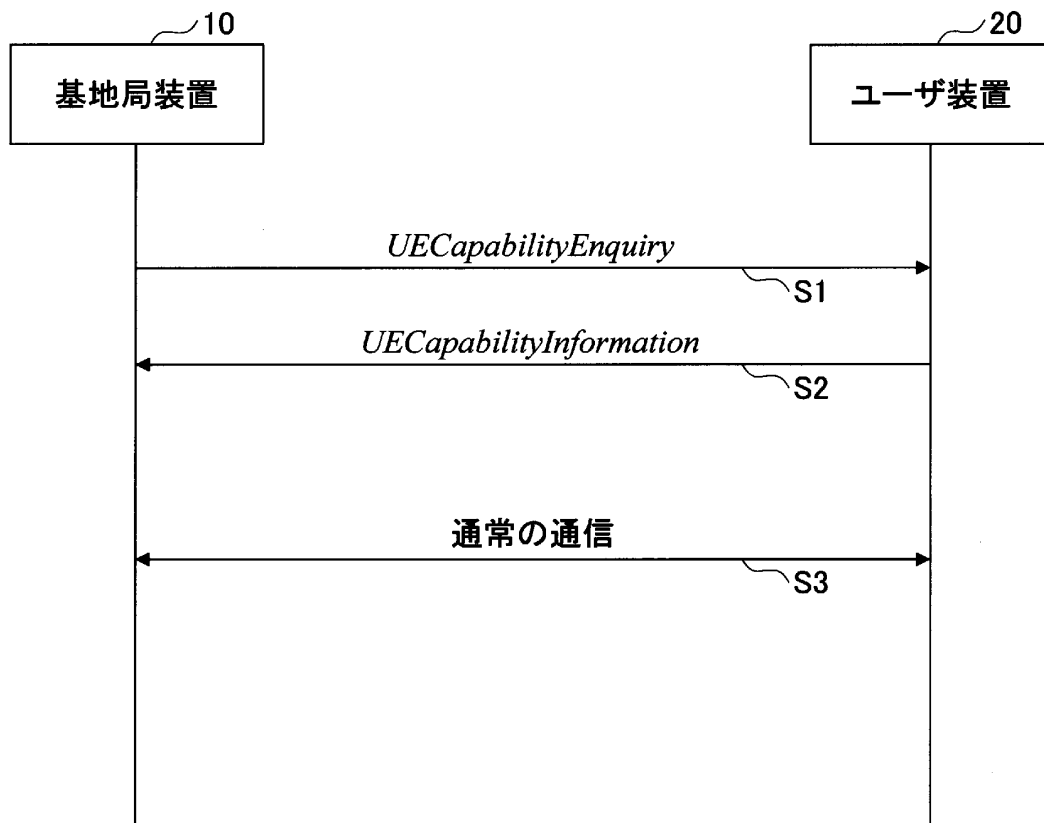


[図1]



[図2]



[図3]

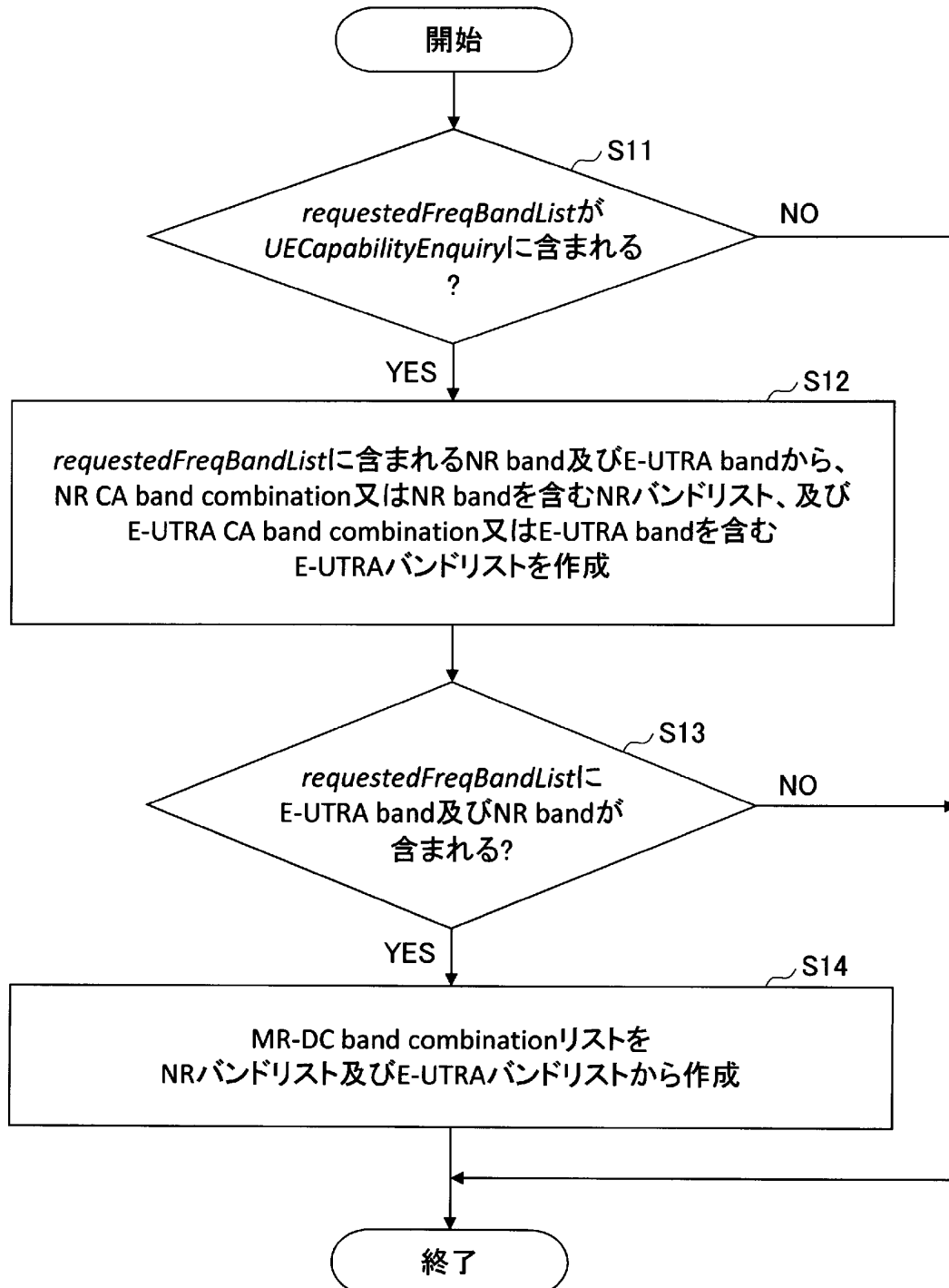
5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

- 1> if includes *requestedFreqBandList*:
 - 2> compile a list of band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining band combinations containing the first-listed band, then include remaining band combinations containing the second-listed band, and so on);
 - 2> for each band combination included in the candidate list:
 - 3> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:
 - 4> remove the band combination from the list of candidates;
 - 2> include all band combinations in the candidate list into *supportedBandCombination*;
 - 1> else:
 - 2> include all band combinations supported by the UE into *supportedBandCombination*, excluding fallback band combinations with the same capabilities of another band combination included in the list of band combinations supported by the UE.

<i>requestedFreqBandList</i>
NR band 1
NR band 2
NR band 3
E-UTRA band 1
E-UTRA band 19
E-UTRA band 21

[図4]



[図5]

5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

1> if includes requestedFreqBandList:

2> For NR band(s) listed in *requestedFreqBandList* (if exists), compile a list of NR CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of NR bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining NR CA band combinations containing the first-listed NR band, then include remaining NR CA band combinations containing the second-listed NR band, and so on);

2> For E-UTRA band(s) listed in *requestedFreqBandList* (if exists), compile a list of E-UTRA CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of E-UTRA bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining E-UTRA CA band combinations containing the first-listed E-UTRA band, then include remaining E-UTRA CA band combinations containing the second-listed E-UTRA band, and so on);

2> if both E-UTRA and NR bands are listed in *requestedFreqBandList*:

3> compile a list of MR-DC band combinations, candidate for inclusion in the *UECapabilityInformation*, only consisting of E-UTRA and NR bands included in *requestedFreqBandList*, and prioritized from the list of NR CA band combinations and E-UTRA CA band combinations as described below;

- at first, include remaining MR-DC band combinations containing the first listed NR CA band combination;

- then, include remaining MR-DC band combinations containing the second listed NR CA band combination, and so on.

2> for each band combination included in the candidate list:

3> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:

4> remove the band combination from the list of candidates;

2> include all band combinations in the candidate list into *supportedBandCombination*;

1> else:

2> include all band combinations supported by the UE into *supportedBandCombination*, excluding fallback band combinations with the same capabilities of another band combination included in the list of band combinations supported by the UE.

[図6]

5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

1> if includes requestedFreqBandList:

2> For NR band(s) listed in *requestedFreqBandList* (if exists), compile a list of NR CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of NR bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining NR CA band combinations containing the first-listed NR band, then include remaining NR CA band combinations containing the second-listed NR band, and so on);

2> For E-UTRA band(s) listed in *requestedFreqBandList* (if exists), compile a list of E-UTRA CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of E-UTRA bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining E-UTRA CA band combinations containing the first-listed E-UTRA band, then include remaining E-UTRA CA band combinations containing the second-listed E-UTRA band, and so on);

2> if both E-UTRA and NR bands are listed in *requestedFreqBandList*:

3> compile a list of MR-DC band combinations, candidate for inclusion in the *UECapabilityInformation*, only consisting of E-UTRA and NR bands included in *requestedFreqBandList*, and prioritized from the list of NR CA band combinations and E-UTRA CA band combinations as described below;

- at first, include remaining MR-DC band combinations containing the first listed E-UTRA CA band combination;
- then, include remaining MR-DC band combinations containing the second listed E-UTRA CA band combination, and so on.

2> for each band combination included in the candidate list:

3> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:

4> remove the band combination from the list of candidates;

2> include all band combinations in the candidate list into *supportedBandCombination*;

1> else:

2> include all band combinations supported by the UE into *supportedBandCombination*, excluding fallback band combinations with the same capabilities of another band combination included in the list of band combinations supported by the UE.

[図7]

5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

1> if includes requestedFreqBandList:

2> For NR band(s) listed in *requestedFreqBandList* (if exists), compile a list of NR CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of NR bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining NR CA band combinations containing the first-listed NR band, then include remaining NR CA band combinations containing the second-listed NR band, and so on);

2> For E-UTRA band(s) listed in *requestedFreqBandList* (if exists), compile a list of E-UTRA CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of E-UTRA bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining E-UTRA CA band combinations containing the first-listed E-UTRA band, then include remaining E-UTRA CA band combinations containing the second-listed E-UTRA band, and so on);

2> if both E-UTRA and NR bands are listed in *requestedFreqBandList*:

3> compile a list of MR-DC band combinations, candidate for inclusion in the *UECapabilityInformation*, only consisting of E-UTRA and NR bands included in *requestedFreqBandList*, and prioritized from the list of NR CA band combinations and E-UTRA CA band combinations as described below;

- at first, include remaining MR-DC band combinations containing the first listed E-UTRA CA band combination;
- include remaining MR-DC band combinations containing the first listed NR CA band combination;
- include remaining MR-DC band combinations containing the second listed E-UTRA CA band combination;
- include remaining MR-DC band combinations containing the second listed NR CA band combination, and so on.

2> for each band combination included in the candidate list:

3> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:

4> remove the band combination from the list of candidates;

2> include all band combinations in the candidate list into *supportedBandCombination*;

1> else:

2> include all band combinations supported by the UE into *supportedBandCombination*, excluding fallback band combinations with the same capabilities of another band combination included in the list of band combinations supported by the UE.

[図8]

5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

1> if includes requestedFreqBandList:

- 2> For NR band(s) listed in *requestedFreqBandList* (if exists), compile a list of NR CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of NR bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining NR CA band combinations containing the first-listed NR band, then include remaining NR CA band combinations containing the second-listed NR band, and so on);
- 2> For E-UTRA band(s) listed in *requestedFreqBandList* (if exists), compile a list of E-UTRA CA band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of E-UTRA bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining E-UTRA CA band combinations containing the first-listed E-UTRA band, then include remaining E-UTRA CA band combinations containing the second-listed E-UTRA band, and so on);
- 2> if both E-UTRA and NR bands are listed in *requestedFreqBandList*:
 - 3> compile a list of MR-DC band combinations, candidate for inclusion in the *UECapabilityInformation*, only consisting of E-UTRA and NR bands included in *requestedFreqBandList*, and prioritized from the list of NR CA band combinations and E-UTRA CA band combinations as described below;
 - at first, include remaining MR-DC band combinations containing the first listed NR CA band combination;
 - include remaining MR-DC band combinations containing the first listed E-UTRA CA band combination;
 - include remaining MR-DC band combinations containing the second listed NR CA band combination;
 - include remaining MR-DC band combinations containing the second listed E-UTRA CA band combination, and so on.
 - 2> for each band combination included in the candidate list:
 - 3> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:
 - 4> remove the band combination from the list of candidates;
 - 2> include all band combinations in the candidate list into *supportedBandCombination*;
 - 1> else:
 - 2> include all band combinations supported by the UE into *supportedBandCombination*, excluding fallback band combinations with the same capabilities of another band combination included in the list of band combinations supported by the UE.

[図9]

5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

1> if includes requestedFreqBandList:

2> compile a list of band combinations, candidate for inclusion in the *UECapabilityInformation* message, only consisting of bands included in *requestedFreqBandList*, and prioritized in the order of *requestedFreqBandList*, (i.e. first include remaining band combinations containing the first-listed band, then include remaining band combinations containing the second-listed band, and so on);

2> for each band combination included in the candidate list:

3> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:

4> remove the band combination from the list of candidates;

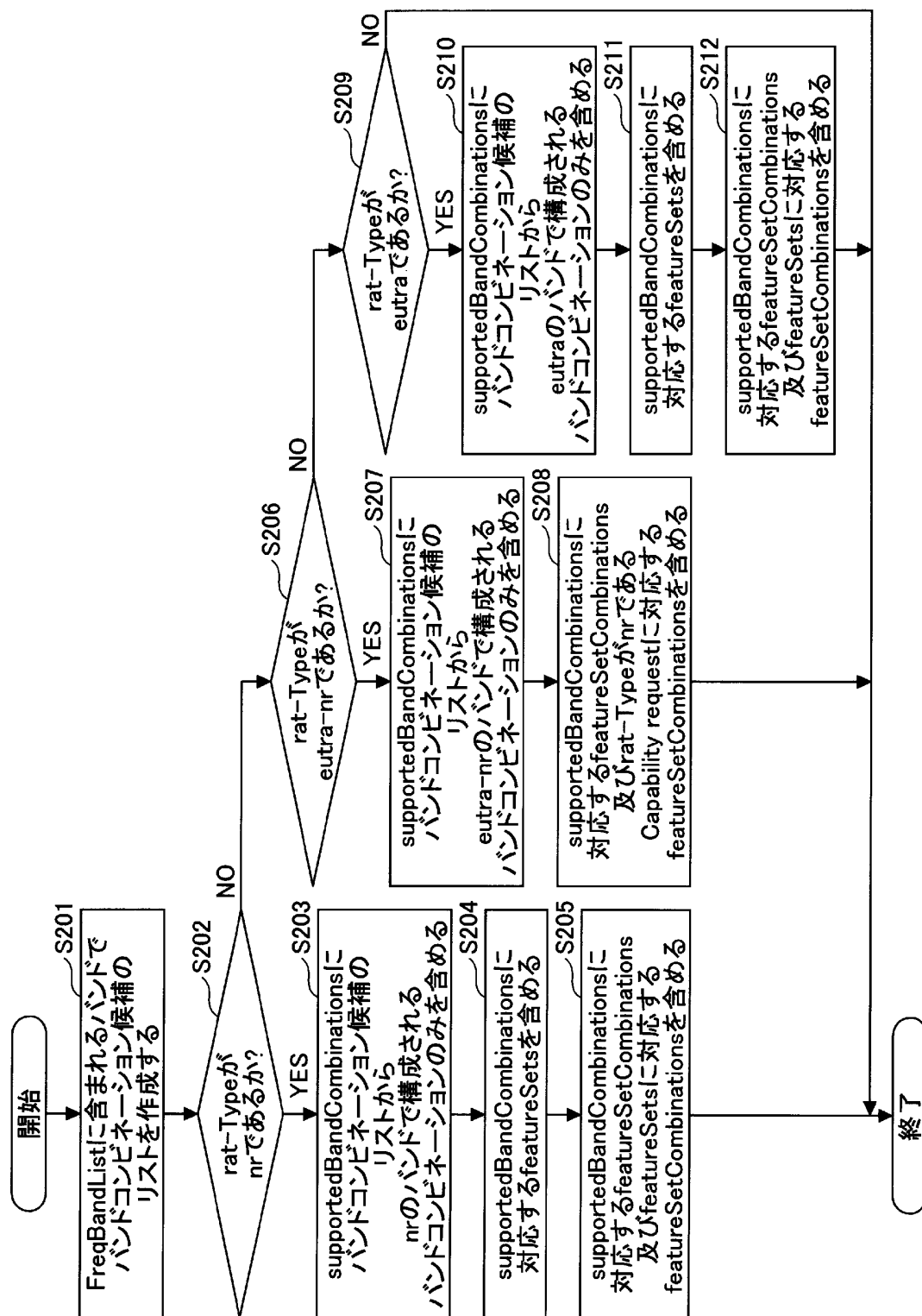
2> include all band combinations in the candidate list into *supportedBandCombination*;

1> else:

2> include all band combinations supported by the UE into *supportedBandCombination*, excluding fallback band combinations with the same capabilities of another band combination included in the list of band combinations supported by the UE.

Note: One E-UTRA band and one NR band shall be included in the first-listed band and the second-listed band in *requestedFreqBandList*.

[図10]



[図11]

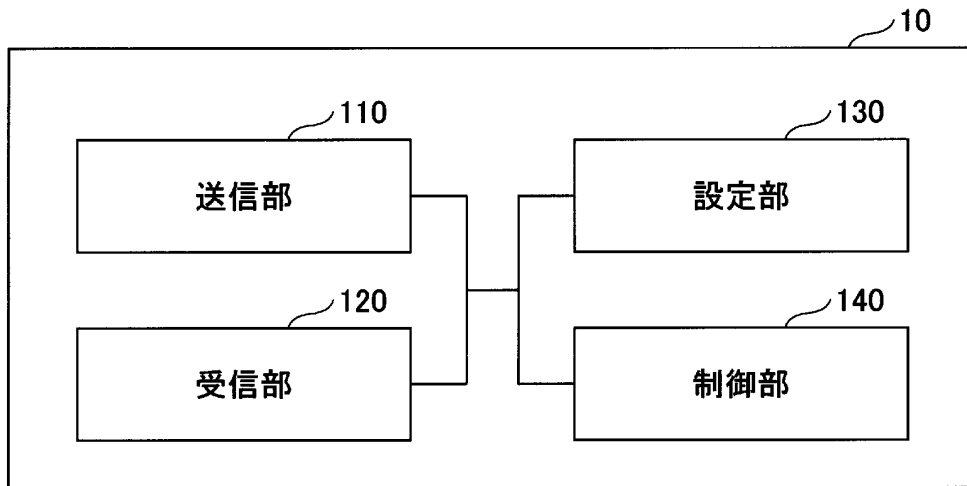
5.6.1.4 Compilation of band combinations supported by the UE

The UE shall:

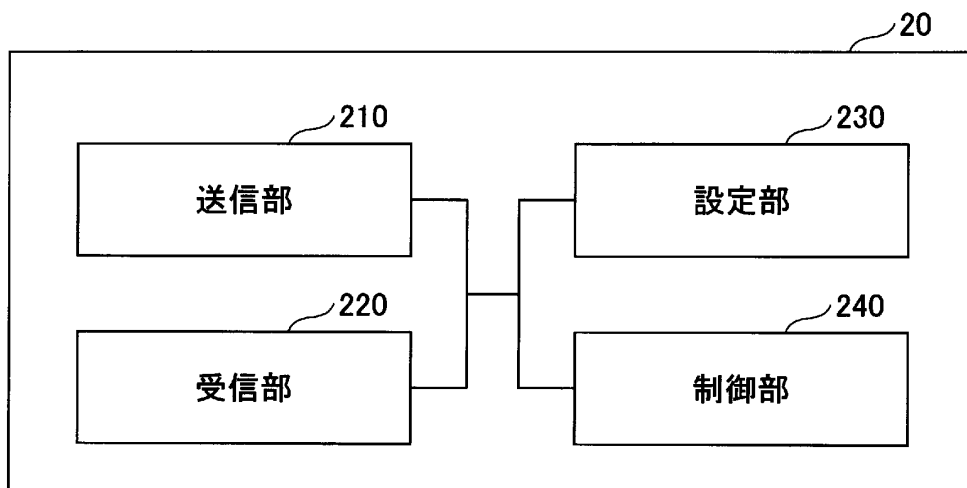
[...]

- 1> for each band combination included in the candidate list:
 - 2> if it is regarded as a fallback band combination with the same capabilities of another band combination included in the list of candidates as specified in TS 38.306 [xx]:
 - 3> remove the band combination from the list of candidates;
 - 1> include the band combinations in the candidate list into *supportedBandCombination*;
 - 1> if the requested *rat-Type* is *nr*:
 - 2> from the candidate list, include the band combinations only consisting of NR frequency bands into *supportedBandCombination*;
 - 2> include the *featureSets* for the *supportedBandCombinations* included above;
 - 2> include the *featureSetCombinations* corresponding to the *supportedBandCombinations* and for the *featureSets* included above;
 - 1> if the requested *rat-Type* is *eutra-nr*:
 - 2> from the candidate list, include the band combinations consisting of at least one E-UTRA frequency band and one NR frequency band into *supportedBandCombination*;
 - 2> include the *featureSetCombinations* corresponding to the *supportedBandCombinations* included above and to the *featureSets* included in a corresponding capability request for *rat-Type* set to *nr*.
 - 1> if the requested *rat-Type* is *eutra*:
 - 2> from the candidate list, include the band combinations only consisting of E-UTRA frequency bands into *supportedBandCombination*;
 - 2> include the *featureSets* for the *supportedBandCombinations* included above;
 - 2> include the *featureSetCombinations* corresponding to the *supportedBandCombinations* and for the *featureSets* included above;

[図12]



[図13]



[図14]

