

CLAIMS

1. A wireless communications method, comprising:

receiving, by a terminal, time domain resource configuration information of a reference signal resource;

determining, by the terminal, a period of the reference signal resource and a time domain resource offset of the reference signal resource according to the received time domain resource configuration information;

determining, by the terminal, at least one target first time domain resource unit according to the period and the time domain resource offset;

determining, by the terminal, at least one target second time domain resource unit from the at least one target first time domain resource unit, wherein a first time domain resource unit is used as a time unit for the at least one target first time domain resource unit, a second time domain resource unit is used as a time unit for the at least one target second time domain resource unit, and each of the first time domain resource unit comprises at least one second time domain resource unit; and

receiving, by the terminal, a reference signal on a reference signal resource in the at least one target second time domain resource unit or performing, by the terminal, rate matching on a reference signal resource in the at least one target second time domain resource unit.

2. The method of claim 1, wherein the determining, by the terminal, a period of the reference signal resource and a time domain resource offset of the reference signal resource according to the received time domain resource configuration information comprises:

determining, by the terminal, the period and the time domain resource offset according to the received time domain resource configuration information and a first subcarrier spacing, wherein the first subcarrier spacing is a subcarrier spacing configured to transmit a signal in a bandwidth part in which the reference signal resource is located, or is a subcarrier spacing used for the reference signal resource, or is a subcarrier spacing used by

the terminal to receive or send a reference signal on the reference signal resource.

3. The method of any one of claims 1 to 2, wherein the determining, by the terminal, at least one target first time domain resource unit according to the period and the time domain resource offset comprises:

determining, by the terminal, a first target first time domain resource unit of the at least one target first time domain resource unit according to the time domain resource offset; and

determining, by the terminal, a second target first time domain resource unit of the at least one target first time domain resource unit according to the period and the first target first time domain resource unit.

4. The method of any one of claims 1 to 3, wherein the determining, by the terminal, at least one target second time domain resource unit from the at least one target first time domain resource unit comprises:

determining, by the terminal, the at least one target second time domain resource unit from the at least one target first time domain resource unit according to second time domain resource unit configuration information indicated on a network side.

5. The method of any one of claims 1 to 4, wherein the receiving, by a terminal, time domain resource configuration information of a reference signal resource comprises:

receiving, by the terminal, the time domain resource configuration information sent by a network device by using radio resource control (RRC) signaling.

6. The method of any one of claims 1 to 5, wherein the first time domain resource unit is used as a time unit for values of the period and the time domain resource offset; and/or

the first time domain resource unit is a subframe or slot.

7. The method of any one of claims 1 to 6, wherein the second time domain resource unit is a slot or a mini slot or an orthogonal frequency division multiplexing (OFDM) symbol.

8. The method of any one of claims 1 to 7, wherein the reference signal is a sounding

reference signal or a channel state information reference signal (CSI-RS).

9. A terminal, comprising a communications unit and a processing unit, wherein
the communications unit is configured to receive time domain resource configuration information of a reference signal resource;
the processing unit is configured to:

determine a period of the reference signal resource and a time domain resource offset of the reference signal resource according to the received time domain resource configuration information;

determine at least one target first time domain resource unit according to the period and the time domain resource offset; and

determine at least one target second time domain resource unit from the at least one target first time domain resource unit, wherein a first time domain resource unit is used as a time unit for the at least one target first time domain resource unit, a second time domain resource unit is used as a time unit for the at least one target second time domain resource unit, and each of the first time domain resource unit comprises at least one second time domain resource unit; and

the communications unit is further configured to send or receive a reference signal on a reference signal resource in the at least one target second time domain resource unit or the processing unit is further configured to perform puncturing processing or rate matching on a reference signal resource in the at least one target second time domain resource unit.

10. The terminal of claim 9, wherein the processing unit is further configured to:

determine the period and the time domain resource offset according to the received time domain resource configuration information and a first subcarrier spacing, wherein the first subcarrier spacing is a subcarrier spacing configured to transmit a signal in a bandwidth part in which the reference signal resource is located, or is a subcarrier spacing used for the reference signal resource, or is a subcarrier spacing used by the terminal to receive or send a reference signal on the reference signal resource.

11. The terminal of any one of claims 9 to 10, wherein the processing unit is further configured to:

determine a first target first time domain resource unit of the at least one target first time domain resource unit according to the time domain resource offset; and

determine a second target first time domain resource unit of the at least one target first time domain resource unit according to the period and the first target first time domain resource unit.

12. The terminal of any one of claims 9 to 11, wherein the processing unit is further configured to:

determine the at least one target second time domain resource unit from the at least one target first time domain resource unit according to second time domain resource unit configuration information indicated on a network side.

13. The terminal of any one of claims 9 to 12, wherein the processing unit is further configured to:

receive the time domain resource configuration information sent by a network device by using radio resource control (RRC) signaling.

14. The terminal of any one of claims 9 to 13, wherein the first time domain resource unit is used as a time unit for values of the period and the time domain resource offset; and/or

the first time domain resource unit is a subframe or slot; and/or

the second time domain resource unit is a slot or a mini slot or an orthogonal frequency division multiplexing (OFDM) symbol.

15. The terminal of any one of claims 9 to 14, wherein the reference signal is a sounding reference signal or a channel state information reference signal (CSI-RS).