

What is claimed is:

1. A wireless communication method, comprising:
determining, by a terminal device, a channel transmission state according to a priority of data or a signaling associated with a first channel and/or a priority of data or a signaling associated with a second channel in a case where the first channel conflicts with the second channel, wherein at least one of the first channel and the second channel transmits sidelink (SL) related information.
2. The method of claim 1, wherein if the first channel is used for data or signaling transmission and the second channel is used for data or signaling transmission, the channel transmission state comprises one of:
transmitting the first channel or ensuring a transmission power of the first channel; and
transmitting the second channel or ensuring a transmission power of the second channel.
3. The method of claim 1 or 2, wherein the data or the signaling associated with the first channel is first SL information, the data or the signaling associated with the second channel is second SL information, and
determining, by the terminal device, the channel transmission state according to the priority of the data or the signaling associated with the first channel and/or the priority of the data or the signaling associated with the second channel, comprising:
determining, by the terminal device, the channel transmission state according to a priority associated with the first SL information and a priority associated with the second SL information; and/or
determining, by the terminal device, the channel transmission state according to an information type of the first SL information and an information type of the second SL information.
4. The method of claim 3, wherein determining, by the terminal device, the channel transmission state according to the priority associated with the first SL information and the

priority associated with the second SL information, comprising:

determining, by the terminal device, to transmit the first channel or ensure a transmission power of the first channel, if the priority associated with the first SL information is higher than the priority associated with the second SL information; or

determining, by the terminal device, to transmit the second channel or ensure a transmission power of the second channel, if the priority associated with the first SL information is lower than the priority associated with the second SL information.

5. The method of claim 3, wherein determining, by the terminal device, the channel transmission state according to the information type of the first SL information and the information type of the second SL information, comprising:

determining, by the terminal device, to transmit the second channel or ensure a transmission power of the second channel, if the first SL information comprises a first type of SL information, and the second SL information comprises a second type of SL information, wherein the first type of SL information comprises one of: SL channel state information (CSI) and SL channel measurement information, and the second type of SL information comprises one of: SL control information, SL data, SL feedback information, SL resource request information, and SL buffer state information.

6. The method of claim 3, wherein determining, by the terminal device, the channel transmission state according to the information type of the first SL information and the information type of the second SL information, comprising:

determining, by the terminal device, to transmit the second channel or ensure a transmission power of the second channel, if the first SL information comprises SL broadcast information or a SL synchronization signal, and the second channel carries a first type of SL information or a second type of SL information.

7. The method of claim 3, wherein determining, by the terminal device, the channel transmission state according to the information type of the first SL information and the information type of the second SL information, comprising:

carrying, by the terminal device, first hybrid automatic repeat request-acknowledgement (HARQ-ACK) information and second HARQ-ACK information on the first channel or the second channel, if the first SL information is the first HARQ-ACK information, and the second SL information is the second HARQ-ACK information.

8. The method of any of claims 3 to 7, wherein the first channel is a SL channel and the second channel is a SL channel.

9. The method of claim 3, 4, 5, or 7, wherein the first channel is an uplink (UL) channel and the second channel is an UL channel.

10. The method of any of claims 3 to 6, wherein the first channel is a SL channel and the second channel is an UL channel.

11. The method of claim 1 or 2, wherein the data or the signaling associated with the first channel is SL information, and the data or the signaling associated with the second channel is UL information, and

determining, by the terminal device, the channel transmission state according to the priority of the data or the signaling associated with the first channel and/or the priority of the data or the signaling associated with the second channel, comprising:

determining, by the terminal device, the channel transmission state according to a priority associated with the SL information; and/or

determining, by the terminal device, the channel transmission state according to a type of the SL information.

12. The method of claim 11, wherein determining, by the terminal device, the channel transmission state according to the priority associated with the SL information, comprises:

determining, by the terminal device, to transmit the first channel or ensure a transmission power of the first channel, if the priority associated with the SL information is higher than a priority corresponding to a first threshold; or

determining, by the terminal device, to transmit the second channel or

ensure a transmission power of the second channel, if the priority associated with the SL information is lower than the priority corresponding to the first threshold.

13. The method of claim 12, wherein the first threshold is pre-configured, the first threshold is configured by a network device.

14. The method of claim 11, wherein determining, by the terminal device, the channel transmission state according to the type of the SL information, comprises:

determining, by the terminal device, to transmit the second channel or ensure a transmission power of the second channel, if the SL information comprises a first type of SL information, wherein the first type of SL information comprises one of: SL CSI and SL channel measurement information.

15. The method of claim 11, wherein determining, by the terminal device, the channel transmission state according to the type of the SL information, comprises:

determining, by the terminal device, to transmit the second channel or ensure a transmission power of the second channel, if the SL information comprises SL broadcast information or a SL synchronization signal.

16. The method of claim 11, wherein determining, by the terminal device, the channel transmission state according to the type of the SL information, comprises:

carrying, by the terminal device, first HARQ-ACK information and second HARQ-ACK information on the first channel or the second channel, if the SL information is the first HARQ-ACK information, and the UL information is the second HARQ-ACK information.

17. The method of any of claims 11 to 15, wherein the first channel is a SL channel and the second channel is an UL channel.

18. The method of claim 11, 12, 13, 14, or 16, wherein the first channel is an UL channel and the second channel is an UL channel.

19. A terminal device, the terminal device being configured to carry out the method of any of claims 1 to 18.

20. A computer-readable storage medium configured to store computer programs which are operable with a computer to enable the computer to perform the method of any of claims 1 to 18.