

CLAIMS

What is claimed is:

1. ———— A method for wireless communication by a user equipment (UE), comprising:
 - _performing an initial access procedure within an initial access bandwidth to obtain access to a cell, the initial access bandwidth comprising first control channel resources;
 - _receiving, after the initial access procedure, a configuration of a downlink bandwidth part for communicating with the cell;
 - ~~determining whether~~ and a control channel configuration comprising one or more fields indicating that the downlink bandwidth part includes the initial access bandwidth;
 - and
 - _monitoring for control information within the downlink bandwidth part using second control channel resources that correspond to the first control channel resources, wherein the monitoring is based at least in part on a determination that the downlink bandwidth part ~~includes~~ contains the initial access bandwidth.
2. ———— ~~The method of claim 1, wherein determining that the downlink bandwidth part includes the initial access bandwidth comprises:~~
 - further comprising: receiving an indication that the downlink bandwidth part includes the initial access bandwidth, the indication comprising ~~a~~ the control channel configuration, wherein the control channel configuration is for the second control channel resources ~~that~~ and is associated with the first control channel resources; and
 - _identifying, within the control channel configuration, at least one common search space identity that indicates one or more control channel search spaces of the second control channel resources are associated with a control channel search space of the first control channel resources.
3. ———— The method of claim 2, further comprising:
 - _receiving a master information block; and
 - _determining time domain and frequency domain information of the second control channel resources based at least in part on the received master information block.
4. ———— The method of claim 2, further comprising:
 - _receiving, within the initial access bandwidth, a cell-specific control channel configuration and a UE-specific control channel configuration; and
 - _determining time domain and frequency domain information of the second control channel resources based at least in part on the cell-specific control channel configuration or the UE-specific control channel configuration, or both.

5. ———— The method of claim 21, further comprising:

identifying, within the control channel configuration, a search space field, or a control resource set field, or a combination thereof, that indicates a control channel search space and a control resource set of the second control channel resources are associated with a control channel search space or a control resource set of the first control channel resources.

6. ———— The method of claim 5, wherein the control channel configuration comprises a cell-specific control channel configuration for the second control channel resources.

7. ———— The method of claim 5, further comprising:

receiving, within the initial access bandwidth, a cell-specific control channel configuration and a UE-specific control channel configuration; and

determining time domain and frequency domain information of the second control channel resources based at least in part on the cell-specific control channel configuration or the UE-specific control channel configuration, or both.

8. ———— The method of claim 21, further comprising:

identifying, within the control channel configuration, a search space configuration that indicates a control channel search space, or a control resource set, or both, of the second control channel resources is associated with the first control channel resources.

9. ———— The method of claim 8, wherein the control channel configuration comprises a UE-specific control channel configuration for the second control channel resources.

10. ———— The method of claim 8, further comprising:

receiving a master information block; and

determining time domain and frequency domain information of the second control channel resources, or a set of parameters of the second control channel resources, or a combination thereof, based at least in part on the received master information block.

11. ———— The method of claim 8, further comprising:

receiving, within the initial access bandwidth, a cell-specific control channel configuration and a UE-specific control channel configuration; and

determining time domain and frequency domain information of the second control channel resources, or a set of parameters of the second control channel resources, or a combination thereof, based at least in part on the cell-specific control channel configuration or the UE-specific control channel configuration, or both.

12. ———— The method of claim 21, further comprising:

identifying, within the control channel configuration, a common search space identity, a search space field, a control resource set field, a search space configuration, or a combination thereof, that indicates the second control channel resources are associated with the first control channel resources.

13.—_The method of claim 12, wherein the control channel configuration comprises a cell-specific control channel configuration or a UE-specific control channel configuration for the second control channel resources.

14.—_The method of claim 2, ~~further comprising: 1, wherein receiving the control channel configuration comprises:~~ receiving the control channel configuration via radio resource control signaling.

15.—_The method of claim 1, wherein the initial access bandwidth and the downlink bandwidth part have a same subcarrier spacing.

16.—_The method of claim 1, wherein the second control channel resources comprise one or more control resource sets, one or more control channel search spaces, or a combination thereof.

17.—_A method for wireless communication by a base station, comprising:

_performing an initial access procedure within an initial access bandwidth to provide a user equipment (UE) access to a cell of the base station, the initial access bandwidth comprising first control channel resources;

_transmitting, after the initial access procedure, a configuration of a downlink bandwidth part for communicating with the UE;

~~transmitting an indication~~ and a control channel configuration comprising one or more fields indicating that the downlink bandwidth part includes the initial access bandwidth; and

_transmitting control information within the downlink bandwidth part using second control channel resources that correspond to the first control channel resources, wherein the transmitting is based at least in part on the downlink bandwidth part including the initial access bandwidth.

18.—_The method of claim 17, wherein the ~~indication~~ one or more fields indicating that the downlink bandwidth part includes the initial access bandwidth ~~comprises:~~

further comprise: at least a portion of the control channel configuration, wherein the control channel configuration is for the second control channel resources that ~~that~~ and is associated with the first control channel resources; and

_at least one common search space identity that indicates one or more control channel search spaces of the second control channel resources are associated with a control channel search space of the first control channel resources.

19.—_The method of claim 18, further comprising:

_transmitting a master information block that indicates time domain and frequency domain information of the second control channel resources.

20. ———— The method of claim 18, further comprising:

transmitting, within the initial access bandwidth, a cell-specific control channel configuration and a UE-specific control channel configuration, wherein the cell-specific control channel configuration or the UE-specific control channel configuration, or both, indicate time domain and frequency domain information of the second control channel resources.

21. ———— The method of claim ~~18~~17, further comprising:

configuring, within the control channel configuration, a search space field, or a control resource set field, or a combination thereof, that indicates a control channel search space and a control resource set of the second control channel resources are associated with a control channel search space or a control resource set of the first control channel resources.

22. — The method of claim 21, wherein the control channel configuration comprises a cell-specific control channel configuration for the second control channel resources.

23. ———— The method of claim 21, further comprising:

transmitting, within the initial access bandwidth, a cell-specific control channel configuration and a UE-specific control channel configuration, wherein the cell-specific control channel configuration or the UE-specific control channel configuration, or both, indicate time domain and frequency domain information of the second control channel resources.

24. ———— The method of claim ~~18~~17, further comprising:

configuring, within the control channel configuration, a search space configuration that indicates a control channel search space, or a control resource set, or both, of the second control channel resources is associated with the first control channel resources.

25. — The method of claim 24, wherein the control channel configuration comprises a UE-specific control channel configuration for the second control channel resources.

26. ———— The method of claim 24, further comprising:

transmitting a master information block that indicates time domain and frequency domain information of the second control channel resources, or a set of parameters of the second control channel resources, or a combination thereof.

27. ———— The method of claim 24, further comprising:

transmitting, within the initial access bandwidth, a cell-specific control channel configuration and a UE-specific control channel configuration, wherein the cell-specific control channel configuration or the UE-specific control channel configuration, or both, indicate time domain and frequency domain information of the second control channel resources, or a set of parameters of the second control channel resources, or a combination thereof.

28. ———— The method of claim ~~18~~17, further comprising:

_configuring, within the control channel configuration, a common search space identity, a search space field, a control resource set field, a search space configuration, or a combination thereof, that indicates the second control channel resources are associated with the first control channel resources.

29. ————_An apparatus for wireless communication by a user equipment (UE), comprising:

~~means for performing a processor, memory in electronic communication with the processor; and instructions stored in the memory and executable by the processor to cause the apparatus to: perform~~ an initial access procedure within an initial access bandwidth to obtain access to a cell, the initial access bandwidth comprising first control channel resources;

~~means for receiving receive,~~ after the initial access procedure, a configuration of a downlink bandwidth part for communicating with the cell;

~~means for determining whether and a control channel configuration comprising one or more fields indicating that~~ the downlink bandwidth part includes the initial access bandwidth; and

~~means for monitoring monitor~~ for control information within the downlink bandwidth part using second control channel resources that correspond to the first control channel resources, wherein the monitoring is based at least in part on a determination that the downlink bandwidth part ~~includes~~ contains the initial access bandwidth.

30. ————_An apparatus for wireless communication by a base station, comprising:

~~means for performing a processor, memory in electronic communication with the processor; and instructions stored in the memory and executable by the processor to cause the apparatus to: perform~~ an initial access procedure within an initial access bandwidth to provide a user equipment (UE) access to a cell of the base station, the initial access bandwidth comprising first control channel resources;

~~means for transmitting transmit,~~ after the initial access procedure, a configuration of a downlink bandwidth part for communicating with the UE;

~~means for transmitting an indication and a control channel configuration comprising one or more fields indicating that~~ the downlink bandwidth part includes the initial access bandwidth; and

~~means for transmitting transmit~~ control information within the downlink bandwidth part using second control channel resources that correspond to the first control channel resources, wherein the transmitting is based at least in part on the downlink bandwidth part including the initial access bandwidth.