

CLAIMS

1. A communication apparatus comprising:
circuitry, which in operation, determines a configuration from two or more
5 configurations based on a value relating to Channel Busy Ratio (CBR); and
a transmitter, which in operation, transmits a sidelink positioning
reference signal (SL-PRS) based on the determined configuration.
2. The communication apparatus of claim 1, wherein the two or more
10 configurations are indicated from a base station or another communication
apparatus.
3. The communication apparatus of claim 1, wherein the two or more
15 configurations are indicated by a higher layer signaling.
4. The communication apparatus of claim 1, wherein the configuration is
determined from two or more configurations based on the CBR and a priority
level of the SL-PRS.
- 20 5. The communication apparatus of claim 1, wherein the configuration includes
a power for the SL-PRS.
6. The communication apparatus of claim 1, wherein the circuitry, which in
operation, determines another configuration from another two or more
25 configurations.
7. The communication apparatus of claim 1, wherein the determined
configuration is different among resource pools.
- 30 8. The communication apparatus of claim 1, wherein the SL-PRS is transmitted
in a dedicated or shared resource pool.
9. A communication method comprising:
determining a configuration from two or more configurations based on a
35 value relating to Channel Busy Ratio (CBR); and
transmitting a sidelink positioning reference signal (SL-PRS) based on
the determined configuration.

10. The communication method of claim 9, wherein the two or more configurations are indicated from a base station or another communication apparatus.
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11. The communication method of claim 9, wherein the two or more configurations are indicated by a higher layer signaling.
12. The communication method of claims 9, wherein the configuration is
10 determined from two or more configurations based on the CBR and a priority level of the SL-PRS.
13. The communication method of claim 9, wherein the configuration includes a power for the SL-PRS.
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14. The communication method of claim 9, wherein
the circuitry, which in operation, determines another configuration from another two or more configurations.
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15. The communication method of claim 9, wherein
the determined configuration is different among resource pools.
16. The communication apparatus of claim 9, wherein
the SL-PRS is transmitted in a dedicated or shared resource pool.
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17. An integrated circuit comprising:
determination circuitry, which in operation, controls determining a configuration from two or more configurations based on a value relating to Channel Busy Ratio (CBR); and
30 transmission circuitry, which in operation, controls transmitting a sidelink positioning reference signal (SL-PRS) based on the determined configuration.