

CLAIMS

1. A signal reporting method, comprising:

measuring, by a terminal device, N first signals to obtain a corresponding
5 measurement result, and measuring M second signals to obtain a corresponding
measurement result, wherein $N \geq 1$ and $M \geq 1$, the first signals are channel state
information-reference signals (CSI-RSs), and the second signals are some of signals
in a synchronization signal (SS) block; and

determining, by the terminal device based on the measurement result of the N
10 first signals and the measurement result of the M second signals, signals that need to
be reported,

wherein the method further comprises:

performing, by the terminal device, joint processing on the measurement result of
the at least one first signal and the measurement result of the at least one second signal
15 to obtain a processed measurement result, wherein the processed measurement result
is a measurement result corresponding to the first signal and the second signal;

wherein the determining, by the terminal device based on the measurement result
of the N first signals and the measurement result of the M second signals, signals that
need to be reported comprises:

20 determining, by the terminal device, K signals in the N first signals and the M
second signals based on the measurement result of the N first signals and the
measurement result of the M second signals, wherein $1 \leq K \leq N+M$, and the signals
that need to be reported comprise the K second signals.

2. The method according to claim 1, wherein the method further comprises:

25 receiving, by the terminal device, first configuration information sent by a
network device, wherein the first configuration information is used to configure the
terminal device to measure the first signals and the second signals.

3. The method according to claim 1, wherein the first signal and the second signal
have a quasi-co-location QCL or a spatial quasi-co-location.

4. The method according to claim 1, wherein the determining, by the terminal device based on the measurement result of the N first signals and the measurement result of the M second signals, signals that need to be reported further comprises:

determining, by the terminal device based on the processed measurement result,
5 the signals that need to be reported.

5. The method according to any one of claims 1 to 4, wherein the measurement result is reference signal received power RSRP.

6. A terminal device, comprising:

a measurement module, configured to: measure N first signals to obtain a
10 corresponding measurement result, and measure M second signals to obtain a
corresponding measurement result, wherein $N \geq 1$ and $M \geq 1$, the first signals are channel
state information-reference signals (CSI-RSs), and the second signals are some of
signals in a synchronization signal (SS) block; and

a determining module, configured to determine, based on the measurement result
15 of the N first signals and the measurement result of the M second signals, signals that
need to be reported,

wherein the terminal device further comprises:

a processing module, configured to perform joint processing on the measurement
result of the at least one first signal and the measurement result of the at least one
20 second signal to obtain a processed measurement result, wherein the processed
measurement result is a measurement result corresponding to the first signal and the
second signal;

wherein the determining module is configured to:

determine K signals in the N first signals and the M second signals based on the
25 measurement result of the N first signals and the measurement result of the M second
signals, wherein $1 \leq K \leq N+M$, and the signals that need to be reported comprise the
K second signals.

7. The terminal device according to claim 6, wherein the terminal device further
comprises:

a first receiving module, configured to receive first configuration information sent by a network device, wherein the first configuration information is used to configure the terminal device to measure the first signals and the second signals.

5 8. The terminal device according to claim 6, wherein the first signal and the second signal have a quasi-co-location QCL or a spatial quasi-co-location.

9. The terminal device according to claim 6 or 8, wherein the determining module is further configured to:

determine, based on the processed measurement result, the signals that need to be reported.

10 10. The terminal device according to any one of claims 6 to 9, wherein the measurement result is reference signal received power RSRP.