

## CLAIMS

What is claimed is:

1. A measurement processing method, applied to a terminal and comprising:  
5        adjusting a measurement state of a measurement, and processing at least one  
of a counter and a timer that are related to the measurement, wherein the  
measurement comprises a measurement of at least one of radio link monitoring  
RLM and beam failure detection BFD, and the processing comprises: resetting,  
continuing to run, or stopping,

10        wherein the adjusting a measurement state of the measurement comprises  
making an adjustment between any two of the following measurement states:

      a first measurement state, a second measurement state, and a third  
measurement state, wherein the first measurement state is measurement relaxation,  
the second measurement state is normal measurement, and the third measurement  
15       state is measurement enhancement,

      wherein the counter and the timer that are related to the measurement comprise  
at least one of the following:

      a counter and a timer that are used for determining a radio link failure RLF;  
and

20       a counter and a timer that are used for determining a beam failure.

2. The method according to claim 1, wherein the first measurement state  
satisfies at least one of the following:

      a measurement period is longer than a measurement period of the second  
measurement state;

25       a quantity of measurement samples in a first duration is less than a quantity of  
measurement samples in the second measurement state;

a measurement indication gap of the first measurement state is longer than a measurement indication gap of the second measurement state;

the measurement is not performed in a second duration, or a quantity of measurements in the second time is less than a quantity of measurements in the second measurement state;

no upper layer indication of the measurement is provided in a third duration, or a quantity of upper layer indications of the measurement in the third time is less than a quantity of upper layer indications of the measurement in the second measurement state;

a quantity of measured reference signals is less than a quantity of measured reference signals in the second measurement state; and

a measured reference signal is different from a measured reference signal in the second measurement state, wherein the reference signals being different comprises that the reference signals are different in at least one of periodicity and subcarrier spacing.

3. The method according to claim 1, wherein the third measurement state satisfies at least one of the following:

a measurement period is shorter than a measurement period of the second measurement state;

a quantity of measurement samples in a fourth time is greater than a quantity of measurement samples in the second measurement state;

a measurement indication gap is shorter than a measurement indication gap of the second measurement state;

the measurement is performed in a fifth time, or a quantity of measurements in the fifth time is greater than a quantity of measurements in the second measurement state;

an upper layer indication of the measurement is provided in a sixth time, or a quantity of upper layer indications of the measurement in the sixth time is greater than a quantity of upper layer indications of the measurement in the second measurement state;

5        a quantity of measured reference signals is greater than a quantity of measured reference signals in the second measurement state; and

10        a measured reference signal is different from a measured reference signal in the second measurement state, wherein the reference signals being different comprises that the reference signals are different in at least one of periodicity and subcarrier spacing.

4. The method according to claim 1, wherein the resetting comprises:  
resetting all or resetting some.

5. The method according to claim 1, wherein the stopping comprises: stopping all or stopping some.

15        6. The method according to claim 1, wherein after the adjusting a measurement state of a measurement, the method further comprises:

in an adjusted measurement state, performing the measurement using a network-configured parameter obtained after the measurement adjustment; or

20        in an adjusted measurement state, performing the measurement using a network-configured parameter obtained before the measurement adjustment; or

in an adjusted measurement state, performing the measurement partly using a network-configured parameter obtained before the measurement adjustment and partly using a network-configured parameter obtained after the measurement adjustment.

25        7. A terminal, comprising:

a processing module, configured to adjust a measurement state of a measurement and process at least one of a counter and a timer that are related to the measurement, wherein the measurement comprises a measurement of at least one of radio link monitoring RLM and beam failure detection BFD, and the processing  
5 comprises: resetting, continuing to run, or stopping,

wherein the adjusting a measurement state of the measurement comprises making an adjustment between any two of the following measurement states:

a first measurement state, a second measurement state, and a third measurement state, wherein the first measurement state is measurement relaxation,  
10 the second measurement state is normal measurement, and the third measurement state is measurement enhancement,

wherein the counter and the timer that are related to the measurement comprise at least one of the following:

a counter and a timer that are used for determining an RLF; and  
15 a counter and a timer that are used for determining a beam failure.

8. The terminal according to claim 7, wherein the first measurement state satisfies at least one of the following:

a measurement period is longer than a measurement period of the second measurement state;

20 a quantity of measurement samples in a first duration is less than a quantity of measurement samples in the second measurement state;

a measurement indication gap is longer than a measurement indication gap of the second measurement state;

the measurement is not performed in a second duration, or a quantity of  
25 measurements in the second duration is less than a quantity of measurements in the second measurement state;

no upper layer indication of the measurement is provided in a third duration,  
or a quantity of upper layer indications of the measurement in the third duration is  
less than a quantity of upper layer indications of the measurement in the second  
measurement state;

5        a quantity of measured reference signals is less than a quantity of measured  
reference signals in the second measurement state; and

         a measured reference signal is different from a measured reference signal in  
the second measurement state, wherein the reference signals being different  
comprises that the reference signals are different in at least one of periodicity and  
10      subcarrier spacing.

9. The terminal according to claim 7, wherein the third measurement state  
satisfies at least one of the following:

         a measurement period is shorter than a measurement period of the second  
measurement state;

15       a quantity of measurement samples in a fourth duration is greater than a  
quantity of measurement samples in the second measurement state;

         a measurement indication gap is shorter than a measurement indication gap of  
the second measurement state;

         the measurement is performed in a fifth duration, or a quantity of  
20      measurements in the fifth duration is greater than a quantity of measurements in the  
second measurement state;

         an upper layer indication of the measurement is provided in a sixth duration,  
or a quantity of upper layer indications of the measurement in the sixth duration is  
greater than a quantity of upper layer indications of the measurement in the second  
25      measurement state;

a quantity of measured reference signals is greater than a quantity of measured reference signals in the second measurement state; and

5 a measured reference signal is different from a measured reference signal in the second measurement state, wherein the reference signals being different comprises that the reference signals are different in at least one of periodicity and subcarrier spacing.

9. The terminal according to claim 7, wherein the resetting comprises:  
resetting all or resetting some.

10 10. The terminal according to claim 7, wherein the stopping comprises:  
stopping all or stopping some.

11. The terminal according to claim 7, wherein the terminal further comprises a measurement module, and the measurement module is configured to:

in an adjusted measurement state, perform the measurement using a network-configured parameter obtained after the measurement adjustment; or

15 in an adjusted measurement state, perform the measurement using a network-configured parameter obtained before the measurement adjustment; or

in an adjusted measurement state, perform the measurement partly using a network-configured parameter obtained before the measurement adjustment and partly using a network-configured parameter obtained after the measurement  
20 adjustment.

12. A terminal, comprising a memory, a processor, and a program stored in the memory and capable of running on the processor, wherein when the program is executed by the processor, the measurement processing method according to any one of claims 1 to 6 are implemented.

25 13. A computer-readable storage medium, wherein the computer-readable storage medium stores a computer program, and when the computer program is

executed by a processor, the measurement processing method according to any one of claims 1 to 6 are implemented.