

Claims

[Claim 1]

A terminal device configured to:

receive a report configuration including information about a Received Signal Strength Indicator (RSSI) report;

receive a measurement object indicating a resource, in which an RSSI measurement is performed, and including (i) a first measurement timing configuration used only for the RSSI measurement corresponding to at least one frequency and (ii) a second measurement timing configuration used for a Reference Signal Received Power (RSRP)/Reference Signal Received Quality (RSRQ) measurement;

receive a measurement identifier for linking the report configuration and the measurement object to each other; and

perform the RSSI measurement indicated by the first measurement timing configuration in the resource applicable for performing the RSSI measurement.

[Claim 2]

The terminal device according to claim 1,

wherein the resource is indicated by a plurality of measurement objects associated with the measurement identifier.

[Claim 3]

A base station device configured to notify:

a report configuration including information about a Received Signal Strength Indicator (RSSI) report;

a measurement object indicating a resource, in which an RSSI measurement is performed, and including (i) a first measurement timing configuration used only for the RSSI measurement corresponding to at least one frequency and (ii) a second measurement timing configuration used for a Reference Signal Received Power (RSRP)/Reference Signal Received Quality (RSRQ) measurement; and

a measurement identifier for linking the report configuration and the measurement object to each other.

[Claim 4]

The base station device according to claim 3,

wherein the resource is indicated by a plurality of measurement objects associated

with the measurement identifier.

[Claim 5]

A communication method of a terminal device, the method comprising steps of:

receiving a report configuration including information about a Received Signal Strength Indicator (RSSI) report, a measurement object indicating a resource, in which an RSSI measurement is performed, and including (i) a first measurement timing configuration used only for the RSSI measurement corresponding to at least one frequency and (ii) a second measurement timing configuration used for a Reference Signal Received Power (RSRP)/Reference Signal Received Quality (RSRQ) measurement, and a measurement identifier for linking the report configuration and the measurement object to each other; and

performing an RSSI measurement indicated by the measurement timing configuration in the resource applicable for performing the RSSI measurement.

[Claim 6]

The communication method according to claim 5,

wherein the resource is indicated by a plurality of measurement objects associated with the measurement identifier.

[Claim 7]

A communication method of a base station device, the method comprising the steps of:

notifying a report configuration including information about a Received Signal Strength Indicator (RSSI) report, a measurement object indicating a resource, in which an RSSI measurement is performed, and (i) including a first measurement timing configuration used only for the RSSI measurement corresponding to at least one frequency and (ii) a second measurement timing configuration used for a Reference Signal Received Power (RSRP)/Reference Signal Received Quality (RSRQ) measurement, and a measurement identifier for linking the report configuration and the measurement object to each other.

[Claim 8]

The communication method according to claim 7,

wherein the resource is indicated by a plurality of measurement objects associated with the measurement identifier.

[Claim 9]

An integrated circuit to be implemented in a terminal device for causing at least a

terminal device to perform:

a function of receiving a report configuration including information about a Received Signal Strength Indicator (RSSI) report, a measurement object indicating a resource, in which an RSSI measurement is performed, and including (i) a first measurement timing configuration used only for the RSSI measurement corresponding to at least one frequency and (ii) a second measurement timing configuration used for a Reference Signal Received Power (RSRP)/Reference Signal Received Quality (RSRQ) measurement, and a measurement identifier for linking the report configuration and the measurement object to each other; and

a function of performing an RSSI measurement indicated by the measurement timing configuration in a resource applicable for performing the RSSI measurement.

[Claim 10]

The integrated circuit according to claim 9,

wherein the resource is indicated by a plurality of measurement objects associated with the measurement identifier.

[Claim 11]

An integrated circuit to be implemented in a base station device, for causing at least a terminal device to perform a function of notifying a report configuration including information about a Received Signal Strength Indicator (RSSI) report, a measurement object indicating a resource, in which an RSSI measurement is performed, and including (i) a first measurement timing configuration used only for the RSSI measurement corresponding to at least one frequency and (ii) second measurement timing configuration used for a Reference Signal Received Power (RSRP)/Reference Signal Received Quality (RSRQ) measurement, and a measurement identifier for linking the report configuration and the measurement object to each other.

[Claim 12]

The integrated circuit according to claim 11,

wherein the resource is indicated by a plurality of measurement objects associated with the measurement identifier.