

ABSTRACT

MOBILE STATION, BASE STATION, COMMUNICATIONS SYSTEM, AND COMMUNICATION METHOD

A mobile station comprises a reception unit configured to receive a signal transmitted from a base station; a selection unit configured to select a communication area to perform communication from a plurality of communication areas based on traffic load in the plurality of communication areas where the reception unit can receive the signal; and a notification unit configured to notify the base station of the communication area selected. Another mobile station comprises a reception unit configured to receive a signal transmitted from a base station; a calculation unit configured to calculate a ratio of an average reception quality value over a short period to an average reception quality value over a long period; and a selection unit configured to select a communication area to perform communication from a plurality of communication areas where the reception unit can receive the signal, based on the ratio.

Figure 5

