

COMMUNICATION APPARATUS AND COMMUNICATION METHOD

ABSTRACT

5 A communication apparatus is provided that performs
packet transmission at the time of detecting an
interference signal.

 Each STA records a pair of a measurement result of
an RSSI of an OBSS and a BSS Color, and reports, to an AP,
10 BSS Colors that correspond to a maximum value and a
minimum value of the RSSI. The AP generates a database
or a table by using a STA having a minimum or maximum
RSSI for each of the OBSS's. When a signal of an OBSS is
detected, the AP selects a STA that has the smallest RSSI
15 of the OBSS or does not have the largest RSSI of the OBSS,
and performs SR transmission. Alternatively, the AP
measures angles of arrival of STAs and OBSS's. When a
signal of an OBSS is detected, the AP selects a STA that
is most different in the angle of arrival from the OBSS
20 or is not most similar in the angle of arrival to the
OBSS, and performs SR transmission.

Fig. 8