

TERMINAL APPARATUS AND COMMUNICATION METHOD
THEREOF

ABSTRACT

This invention is directed to a terminal apparatus capable
5 of preventing the degradation of reception quality of control
information even in a case of employing SU-MIMO transmission
system. A terminal (200), which uses a plurality of different
layers to transmit two code words in which control information is
placed, comprises: a resource amount determining unit (204) that
10 determines, based on a lower one of the encoding rates of the two
code words or based on the average value of the reciprocals of the
encoding rates of the two code words, resource amounts of control
information in the respective ones of the plurality of layers; and a
transport signal forming unit (205) that places, in the two code
15 words, the control information modulated by use of the resource
amounts, thereby forming a transport signal.

Figure 5