

ABSTRACT

A communication system includes an on-board unit adapted to a vehicle-vehicle communication and roadside equipment 10 performing a roadside-vehicle communication. In communications in service channels of the vehicle-vehicle communication, one reception-only service channel in which the on-board unit only performs a reception operation is provided for a plurality of the service channels and communications in the reception-only service channel is performed at the same frequency as that of the control channels of the roadside-vehicle communication. When the vehicle-vehicle communication is performed, the on-board unit performs switching to the roadside-vehicle communication in response to detection of reception in the reception-only service channel of a radio signal transmitted from the roadside equipment 10 in a control channel of the roadside-vehicle communication.