

WIRELESS COMMUNICATION SYSTEM AND WIRELESS COMMUNICATION METHOD FOR WIRELESS COMMUNICATION IN ENVIRONMENT WITH COMMUNICATION SHADOW ZONE

ABSTRACT

A wireless communication system and a wireless communication method for wireless communication in an environment with communication shadow zone are provided. The wireless communication system includes a first communication relay device configured to wirelessly communicate with a first radio device through a first communication channel and a second communication relay device configured to wirelessly communicate with a second radio device through a second communication channel that is different from the first communication channel. The first communication relay device and the second communication relay device perform communication between each other using a metal body as a communication medium and broadcast a pilot signal including communication channel information.

FIG. 3