

TRANSMITTING DIVERSITY CIRCUIT FOR TDMA RADIO UNIT

ABSTRACT

A transmitting diversity circuit for a TDMA radio unit which has: a plurality of antennas (117, 133); a plurality of transmitting circuits; a plurality of receiving circuits; a first switch (113) which selects one of the antennas (117, 133); a second switch (114, 130) which is connected with the first switch (113) and selects the one or the other of the transmitting circuits; a third switch (115, 131) which is connected with the second switch (114, 130) and one or more of the receiving circuits and selects one of the transmitting circuits or the one or more of the receiving circuits; a judging circuit (143) which controls the switching of the first (113) and second (114, 130) switches according to a level of received field strength to be detected by the receiving circuit connected with the third switch (115, 131); wherein the one of the transmitting circuits is connected through the first to third switches with the selected one of the antennas.

Fig. 2

This Sheet Has Been Replaced

