Title (en)

WIRELESS TRANSCEIVING APPARATUS, ANTENNA UNIT AND BASE STATION

Title (de)

DRAHTLOSE SENDE-/EMPFANGSVORRICHTUNG, ANTENNENEINHEIT UND BASISSTATION

Title (fr)

APPAREIL D'ÉMISSION-RÉCEPTION SANS FIL, UNITÉ D'ANTENNE ET STATION DE BASE

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Application

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Abstract (en)

[origin: EP3487000A1] The present invention discloses a radio transceiver apparatus, an antenna element, and a base station, and belongs to the communications field. The radio transceiver module includes a metal carrier and at least one antenna element that is disposed at an edge of the metal carrier. Each antenna element includes a feeding structure and a radiation patch. Both the feeding structure and the radiation patch are non-centrosymmetric structures. Power is fed to the radiation patch by using the feeding structure, and the radiation patch is grounded. The present invention resolves a problem that an antenna pattern roundness of the antenna element is relatively poor when the antenna element is not disposed in a central location of the metal carrier. Embodiments of the present invention are applicable to information transmission and reception of the radio transceiver apparatus.

IPC 8 full level

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