

Title (en)
Antenna device

Title (de)
Antenne

Title (fr)
Antenne

Publication
EP 0707354 B1 20011031 (EN)

Application
EP 95114485 A 19950914

Priority
JP 24558894 A 19941011

Abstract (en)
[origin: EP0707354A1] An antenna device designed so that the transmission output of an antenna circuit can be measured easily and accurately as the transmission output measured when the antenna device is removed as prescribed in the Wireless Telegraphy Act, even after the antenna device has been mounted on the main circuit board. The antenna device (51a; 51b) of the present invention has a radiating element (56a) and a current supply element (52). The current supply (52) element is formed of a metallic chassis (54; 84) having, as viewed in a cross section, the shape of a rectangle open at one side. The metallic chassis (54; 84) has an opposed portion (52a) opposed to a major surface of the radiating element (56a) in parallel with the same, and two leg portions bent (52b; 52c) downwardly and perpendicularly from shorter-side opposite ends of the opposed portion (52a). The metallic chassis (54) and a multilayer chip capacitor (68) are mounted on the obverse surface of the main circuit board (53a), and the metallic chassis (54) and a transmission output measuring terminal are connected to each other through the multilayer chip capacitor (68). <IMAGE>

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IPC 8 full level
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CPC (source: EP)
H01Q 1/243 (2013.01); **H01Q 9/0421** (2013.01)

Cited by
EP1398846A1; CN108680797A; US5889358A; US5969680A; EP0825669A3; EP0746054A1; US5952970A; EP0762533A3; US5767817A; EP0738023A3; US7081853B2; WO0239601A3

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