

ABSTRACT OF THE DISCLOSURE

A field strength detecting apparatus is to measure field strength of a frequency range allocated to a mobile communication, and to correct a frequency characteristic owned by a signal receiving unit by employing a simple circuit arrangement, thereby obtaining a correct field-strength detecting value. A channel designating unit supplies channel information for designating a channel number corresponding to a frequency of a radio signal which should be received by the field strength detecting apparatus to a signal receiving unit and a correction circuit. The signal receiving unit receives a radio signal having a frequency corresponding to the channel number designated by the channel designating unit. A field strength level of the received radio signal outputted from the signal receiving unit is supplied to the field strength detecting unit so as to obtain a field strength detected value. This field strength detected value still contains the frequency characteristic owned by the signal receiving unit, and is supplied to the correction circuit. The correction unit includes a previously measured and calculated correction value which is used to correct the frequency characteristic of the signal receiving unit. Then, the channel information derived from the channel designating unit is entered into this correction circuit to select a proper correction value corresponding to the entered channel information. The selected correction value is added to the field strength detected value derived from the field strength detecting unit for correction purposes.

(Publish Fig. 3)

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