Huawei Wireless Base Station Power Settings

Overview

What is a Huawei base station?

Let's dive into a technical explanation. A base station, also known as an eNodeB (for 4G LTE) or gNodeB (for 5G NR) in Huawei's terminology, is a piece of equipment that facilitates wireless communication between user equipment (UE) like smartphones, tablets, and IoT devices, and the core network of the telecommunications provider.

What is the transmit power of a Huawei radio?

For details, see the Country Code & Channel Compliance Table. You can obtain this table at Huawei technical support website. The transmit power of the radio is configured. By default, the transmit power of a radio is 127 dBm. The transmit power that takes effect on APs is related to the AP type, country code, channel, and channel bandwidth.

How much transmit power does a Huawei AP use?

For details, see the Country Code & Channel Compliance Table. You can obtain this table at Huawei technical support website. The transmit power is configured for the radio. By default, the transmit power of a radio is 127 dBm. The transmit power that takes effect on APs is related to the AP type, country code, channel, and channel bandwidth.

What systems does Huawei offer?

Huawei provides comprehensive management and control systems, such as Huawei's U2000 or Huawei's Cloud BTS. These systems enable operators to monitor, configure, and manage base stations remotely, ensuring optimal network performance and reliability.

How do I configure basic radio parameters?

You can configure basic radio parameters in the AP group radio view and AP radio view. The configuration in the AP group radio view takes effect on all

specified AP radios in an AP group and that in the AP radio view takes effect only on a specified AP radio.

How do I configure a 2.4 GHz radio profile?

Select the 2.4 GHz radio profile of radio 0. The 2.4 GHz radio profile configuration page is displayed. Click Advanced Configuration and set CCA threshold to -75. Click Apply. In the dialog box that is displayed, click OK. In the profile tree, choose Radio Management > Radio 1 > 5G Radio Profile. Select the 5 GHz radio profile of radio 1.

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