Is an outdoor repeater considered a base station





Overview

The simple, basic difference between a "repeater" and an "auxiliary"station is that a repeater, at the very basic level, is an open station which the FCC Rules say is available for ANY other amateur licensee to use (ignoring any usage limits or access codes imposed by the sponsor). Base stations are the core of mobile communication systems, enabling mobile users to communicate within the. A Control station is a station at a fixed location that communicates with mobile stations and other control stations through repeater stations, and may also be used to control the operation of repeater stations. Repeater. BM indicates the base and mobiles operate on 1 frequency, the same frequency. The range is limited to how far the mobile transmitter can cover, both when transmitting to base and other mobiles. A base station is just that: a station that.

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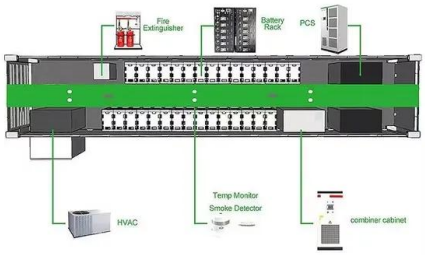


[What is the difference between Base Station and Repeater]

Base stations are the core of mobile communication systems, enabling mobile users to communicate within the coverage area. Relay station, also known as repeater, is a device used to expand the coverage range of ...

47 CFR § 95.303

A station, intended to be used while in motion or during halts at unspecified locations, that communicates directly with base stations and other mobile stations, and with control stations and other mobile stations ...





[ANATOMY OF A REPEATER SITE]

A repeater at a high elevation enables radios without line-of-sight to communicate. Most repeater systems use two different radio frequencies; the mobiles transmit on one frequency, and the repeater receives them and ...

Fixed station

If you read the definitions, then "the radio at my house on a power supply connected to an outdoor antenna" is considered a "base station" if it transmits on 1-7 or 15-22, and that same radio is ...





Difference between Base and Repeater?

A repeater (R) repeats both base (control station) and mobiles on a different frequency extending mobile range and enabling one to communicate with all. A base repeater (BR) is one permanently hard wired ...

Base station cannot use repeaters

The rule very specifically says that a base station is a station at a fixed location that communicates directly with mobile stations and other base stations. Therefore, the act of using a station to ...





base station vs. repeater.

It receives on one frequency and transmits on another. This enables base and mobile stations to communicate at a much greater distance than they would be able to otherwise. A base station is just that: a ...

WHAT IS THE DIFFERENCE BETWEEN A REPEATER AND

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eCFR :: 47 CFR Part 95 Subpart A -

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