

# The purpose of high-altitude installation of communication base station inverters and grid connection

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What is a high altitude platform station (Hibs)?

High Altitude Platform Station as IMT Base Stations (HIBS) are essentially HAPS platforms(see Figs. 1 &2),defined and operating within the context of a station in the mobile service (specifically IMT mobile service). This distinction reflects the lens through which the ITU currently views these technologies and the services they may support.

What is a high altitude platform station?

This concept is known under the designation High Altitude Platform Stations (HAPS) as IMT base stations,or HIBS. By using the same spectrum as already identified for IMT and where deployments already exist today,HIBS can extend the operator's coverage area and benefit from the already existing device ecosystem.

What is high-altitude platform station (Haps)?

Abstract: High-altitude platform station (HAPS) as International Mobile Telecommunications (IMT) base station(HIBS) has been attracting the attention of aerospace and telecommunication companies from many countries in recent years.

Can high-altitude platforms be used for mobile communication?

Mobile communicationvia high-altitude platforms operating in the stratosphere is an idea that has been on the table for decades. In the past few years,however

CAN HELP CLOSE THE DIGITAL DIVIDE International Mobile Telecommunications (IMT) services can be delivered directly to end users" devices via base stations operating in the ...

Use of high altitude platform stations as International Mobile Telecommunications base stations in the frequency bands 1 710-1 980 MHz, 2 010-2 025 MHz and 2 110-2 170 MHz1 The ...

Abstract High Altitude Platform Stations as IMT Base Stations (HIBS) are aerial platforms that will function as flying base stations. There are clear advantages to using these types of assets to ...

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\*Ericsson Mobile communication via high-altitude platforms operating in the stratosphere is an idea that has been on the table for decades. In the past few years, however, with recent ...

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The high-altitude platform station (HAPS) concept has recently received notable attention from both industry and academia to support future wireless networks. A HAPS can be equipped with ...

The focus of this article is on airborne NTN utilizing the same frequency bands as ground based International Mobile Telecommunications (IMT) base stations (BS). This concept is known ...

Mobile communication via high-altitude platforms operating in the stratosphere is an idea that has been on the table for decades. In the past few years, however, with recent advances in ...

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