

ABSTRACT**TRANSMITTING AND RECEIVING STATION COMPRISING A
DISTRIBUTED RADIO HEAD**

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The subject of the invention is a wireless transmission and reception station comprising a distributed radio head (303) enabling user terminals (305, 306, 307) present in a geographic area covered by said station to access the services offered by a wireless telecommunication system. Said radio head is composed of distribution frame equipment (304), a plurality of distributed access points (308, 309, 310, 311, 312) distributed in the coverage area and communication means between the distribution frame equipment and the distributed access points, the distribution frame comprising means for transmitting samples of a base band signal to be transmitted in the coverage area to all the distributed access points. Said distributed access points comprise radio frequency processing means making it possible to transpose said signal to a carrier frequency before transmitting it in the form of radio waves to the user terminals (305, 306, 307) present in the coverage area.

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Reference: Figure 3