

Base station and UE communication process

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Satellite direct-to-device communication takes off -- discover two approaches to connecting the unconnected.

Simply put, the BTS is a station capable of transmitting and receiving signals to/from UEs, usually shortened to base station (BS). Any ...

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In the Universal Mobile Telecommunications System (UMTS) and 3GPP Long Term Evolution (LTE), user equipment (UE) is any device used directly by an end-user to communicate. It can be a hand-held telephone, a laptop computer equipped with a mobile broadband adapter, or any other device. It connects to the base station Node B/eNodeB as specified in the ETSI 125/136-series and 3GPP 25/36-series of specifications. It roughly corresponds to the mobile station (MS) in GSM syst...

The present invention relates to the field of mobile communications technologies, and in particular, to a UE management method, a UE, and a base station.

Through clarifying the nuances of 5G UE-BS communication, it helps to enhance comprehension of the technology's possibilities and its revolutionary influence across multiple fields.

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In the world of mobile communication, the interaction between User Equipment (UE) and the Base Stations (eNodeB for LTE and gNodeB for 5G) is fundamental. One critical ...

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