

Ex. 1034



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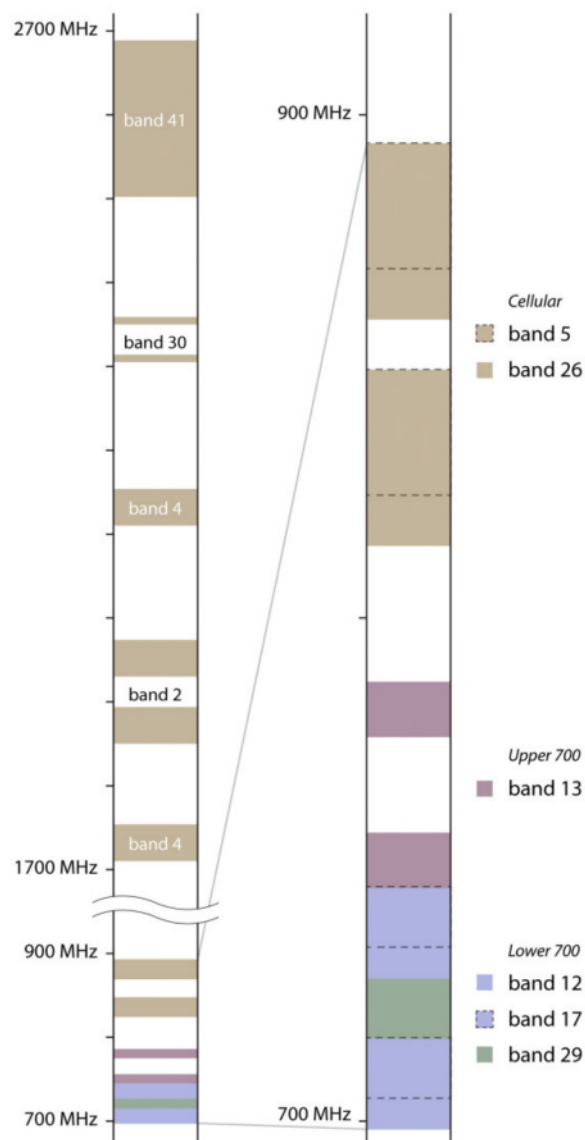
Band 29

A radio frequency band within the Lower 700 MHz band, near 720 MHz.

Unlike most bands used for phone service, band 29 is an unpaired band. A paired band has two sections, one for communication in each direction (tower-to-phone and phone-to-tower).

Band 29 is currently owned by AT&T and used for LTE service. Since it is unpaired spectrum, AT&T has deployed it in a downlink-only configuration. That means it only provides one-way (tower-to-phone) communication, providing faster download speeds when used in conjunction with other bands, such as band 12/17. This use of multiple bands simultaneously is known as Carrier Aggregation.

See: [Carrier Aggregation](#)



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