

Use cases of 802.11ad (WiGig) multi-gigabit high bandwidth Wi-Fi technology

IEEE 802.11ad, also known as WiGig (Wireless Gigabit), is a wireless standard that utilizes the mmWave (millimeter wave) 60 GHz band, achieving ultra-high speed data transfers at a theoretical max speed of 7 Gbps. The high bandwidth allows for more information to be communicated between two devices. The below uses show common functions of 802.11ad in three different environments.

With over 20 years of expertise in testing devices supporting mmWave frequencies, paired with UL's global presence, we can guide you through every step of the process to help you launch your products into your target markets.



Home

- Download and share 4K videos in a few seconds
- Game with less lag
- Explore Virtual Reality (VR) untethered



Office

- Wireless PC docking
- Immediate connection to projectors with high resolution
- Large file/content transfer with minimal delay



On the move

- Fast cloud access
- Quick content transfers to users
- Lag-free connectivity even in crowded places

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