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# everything RF Publishes eBook: Wi-Fi 7 and Beyond - From High Throughput Wi-Fi 7 to Ultra-Reliable Wi-Fi 8

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## Embargo Info

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## Content

everything RF has released a new eBook titled “**Wi-Fi 7 and Beyond: From High Throughput Wi-Fi 7 to Ultra-Reliable Wi-Fi 8**,” sponsored by Anritsu. This comprehensive resource brings together insightful articles and whitepapers from leading test and measurement companies exploring the latest advancements in Wi-Fi connectivity — from the blazing speeds of Wi-Fi 7 to the early vision for ultra-reliable Wi-Fi 8.

Wi-Fi 7 (IEEE 802.11be) represents a major leap forward in wireless communication, introducing features like Multi-Link Operation (MLO), 320 MHz channel bandwidths, and 4K-QAM modulation to deliver multi-gigabit data rates, ultra-low latency, and greater spectral efficiency. These advancements are setting a new performance benchmark for homes, enterprises, and industrial IoT networks.

Looking ahead, Wi-Fi 8 (IEEE 802.11bn) is in its formative stages, with a focus on Ultra-High Reliability (UHR) — a defining requirement for time-sensitive, mission-critical, and industrial applications. Wi-Fi 8 will push the boundaries of determinism, scalability, and network intelligence, driving the next era of seamless wireless connectivity.

This eBook offers readers a curated collection of technical insights and industry perspectives that demystify the evolution from Wi-Fi 6/6E to Wi-Fi 7 and introduce the groundwork being laid for Wi-Fi 8. Topics include throughput improvements, modulation schemes, channel bandwidth expansion, and architectural enhancements that make these standards transformative for next-generation networks.

## Featured Articles and Contributors:

- What is Wi-Fi 7? - *everything RF*
- Wi-Fi 7 Standards & Information: The Need for Speed - *Copper Mountain Technologies*
- Navigating Wi-Fi 7 - SpirentExtremely High Throughput with Wi-Fi 7 - *Rohde & Schwarz*
- What is Wi-Fi 8? - *everything RF*
- Key Technologies for IEEE 802.11bn (Wi-Fi 8): Ultra-High Reliability (UHR) - *Anritsu*

Developed in collaboration with Anritsu, Rohde & Schwarz, Spirent, and Copper Mountain Technologies, this eBook serves as an essential guide for engineers, researchers, and technology professionals seeking to understand the innovations shaping the future of Wi-Fi. [Click here to download the eBook.](#)

**Supporting Links:**

<https://www.everythingrf.com/ebooks/details/5828-wi-fi-7-and-beyond-from-high-throughput-connectivity-to-ultra-reliable-wi-fi-8>

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