

LitePoint Provides Wi-Fi 6E/7 Test Solution for Wi-Fi Alliance® Automatic Frequency Coordination Certification

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New Wi-Fi CERTIFIED™ program capability ensures high-quality Wi-Fi user-experience for indoor and outdoor deployments

LitePoint's IQxel family of wireless test solutions accelerates adoption of 6 GHz compatible Wi-Fi devices

SAN JOSE, Calif., Aug. 15, 2023 (GLOBE NEWSWIRE) -- LitePoint, a leading provider of wireless test solutions, today announced its collaboration with Wi-Fi Alliance® to support Automatic Frequency Coordination (AFC) certification on its [IQxel-MW 7G test platform](#).

In 2020, the U.S. Federal Communications Commission (FCC) opened an unprecedented 1200MHz of spectrum for unlicensed use in the 6 GHz band to facilitate access to wider channels, higher throughput, lower latency, and superior network efficiency. However, to accommodate technologies that already operate in this band, the FCC defined two different classes of operation: Low power indoor and Standard power indoor/outdoor. In order to avoid interference in Standard power operation, the FCC created the AFC system to coordinate the spectrum use. The AFC certification program is designed to ensure the Standard-power access points operating in the 6GHz band can operate at maximum permissible powers without interfering with incumbent licensed services thus offering robust, wide-scale Wi-Fi deployment indoors as well as outdoors and high-quality broadband user experience.

“Wi-Fi Alliance is leading the development of critical work that will enable implementation of standard power devices under control of the AFC system, which will help utilize the full potential of the 6 GHz band,” said Kevin Robinson, President and CEO of Wi-Fi Alliance. “We look forward to continuing to work with LitePoint on important initiatives aimed at maximizing value in the 6 GHz band.”

Adam Smith, Director of Product Marketing at LitePoint, said, “We are pleased to collaborate with the Wi-Fi Alliance and to assist our customers in obtaining AFC certification and ensuring that they can launch their Wi-Fi products with utmost confidence, knowing that they meet the highest standards of quality and performance in the market.”

LitePoint is a long-term, active member of the Wi-Fi Alliance and collaborates closely to provide test solutions that align with the Alliance's specific requirements. In addition to delivering testing solutions around the AFC specification, LitePoint has supported other programs such as the [Wi-Fi CERTIFIED 6 certification](#).

Technical Details

LitePoint's IQxel family of testers – IQxel-MW 7G and [IQxel-MX](#) – provides industry leading performance for Wi-Fi 6E/7 device testing. The comprehensive test platforms combine signal generation and analysis in a compact single box architecture enabling testing from R&D through high-volume production. Available in three different configurations: 2 ports (2 VSA/VSG), 8 ports

(2 VSA/VSG), and 16 ports (4 VSA/VSG), the testers offer best in class error vector magnitude (EVM) for highest measurement accuracy, scalable MIMO architecture and high efficiency Multi-DUT testing.

For more information, please visit [LitePoint](#).

About LitePoint

LitePoint creates wireless test solutions and services for the world's most innovative wireless device makers, helping them to ensure their products perform for today's demanding consumers. A leading innovator in wireless testing, LitePoint products come out of the box ready to test the most widely used wireless chipsets in the world. LitePoint works with the leading makers of smartphones, tablets, PCs, wireless access points, and chipsets. Headquartered in Silicon Valley, California, and with offices worldwide, LitePoint is a wholly owned subsidiary of Teradyne (Nasdaq:TER), a leading supplier of automatic test equipment and industrial automation solutions. For more information, visit teradyne.com. Teradyne[®] is a registered trademark of Teradyne, Inc. in the U.S. and other countries.

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