



UWB Alliance Applauds FCC Chairwoman Jessica Rosenworcel on Recognizing UWB Applications' Use in Providing Relief in Türkiye and Syria

In the aftermath of the catastrophic earthquakes, Ultra-Wideband wireless devices are helping critical disaster relief efforts thanks to its efficiency and non-interference.

Washington, D.C., March 1, 2023 – In her remarks to the Mobile World Congress on February 27, 2023, FCC Chairwoman Jessica Rosenworcel praised the next-generation wireless technologies that are being used to assist rescuers searching for survivors of the tragic earthquakes that devastated Turkey and Syria. Among those technologies is Ultra-Wideband (UWB) radar. UWB's unique sensing capabilities can pick up the faintest heartbeat and determine position much more accurately than any other technology. These abilities make it critical to life-saving tools such as the UWB radar technology used by search-and-rescue teams globally.

"Our hearts go out to the survivors of this unprecedented natural disaster, as well as those who work tirelessly in the rescue efforts underway," said Tim Harrington, UWB Alliance Chairman. "We are profoundly thankful that the technologies, products, and applications our member companies develop are helping to aid the rescue responders. The positioning and sensing capabilities are vital to help the people of this region."

UWB is an ultra-low-power radio technology operating at power levels similar to unintentional radio emissions. It broke into the mainstream in 2019 when Apple adopted it in the iPhone 11 after the publication of the IEEE 802.15.4z standard. It is now commonplace in many current smartphones and other consumer devices. It adds new capabilities complimentary to established wireless technologies like Bluetooth® and Wi-Fi. Most importantly, UWB is now capturing a great deal of public attention for its use in public health and safety applications, such as patient monitoring and heart-beat detection. Its many uses have led to a massive increase in consumer volume for products using UWB.

"Key to its successful use in search-and-rescue efforts is that the UWB industry has developed many techniques to mitigate harmful interference risk to other wireless services, such as Wi-Fi, satellite, and emergency communications," said Harrington. "Our hope is that by supporting strong co-existence protocols, UWB can continue to be a trusted element in the telecommunications ecosystem – not just for public safety, but in healthcare, agriculture, education, energy, and transportation, as noted by Chairwoman Rosenworcel."

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About UWB Alliance

UWB Alliance is an international nonprofit organization headquartered in Washington D.C. dedicated to the promotion and growth of the ultra wideband (UWB) industry. The UWB Alliance promotes large-scale deployments of UWB technology by fostering the advancement of the regulatory environment for UWB technologies, proving a center of excellence for UWB education and coexistence, while endorsing cooperation with interoperable specifications and standards.

For more information regarding the UWB Alliance, visit www.UWBAlliance.org.

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