

REQUEST FOR EXPERIMENTAL LICENSE

Technology Outfitter, LLC (“TechOutfitter”) hereby requests a new, conventional experimental license to test equipment in the 5925 – 6400 MHz band. This testing would be consistent with the decision in the Commission’s 2020 *6 GHz Report & Order* to make additional spectrum available for “new innovative technologies and services that will advance the Commission’s goal of making broadband connectivity available to all Americans, especially those in rural and unserved areas.”¹

TechOutfitter is a wireless internet service provider located in Loomis, California. TechOutfitter relies primarily on unlicensed spectrum for last-mile connections to end users, including the 5 GHz U-NII bands. Since the beginning of the COVID-19 pandemic, demand for wireless broadband has sky-rocketed, as customers increasingly work from home, including students engaged in remote learning. Even as temporary closures and restrictions have eased significantly, demand for wireless broadband access in these rural areas continues unabated. Indeed, many of TechOutfitter’s customers have no other alternative to terrestrial broadband services.

TechOutfitter requests access to the 5925 – 6400 MHz band in order to evaluate wireless access point and customer premises equipment manufactured by Mimosa Networks. Testing will occur at various locations within TechOutfitter’s service area. Specifically, equipment will be evaluated for resilience, capacity, fidelity and customer acceptability. TechOutfitter will use the results of this evaluation to plan future investments needed to enhance the performance characteristics of its wireless network. TechOutfitter will work with any nearby incumbent licensees identified in the FCC’s licensing databases to ensure that its proposed experimental operations do not cause harmful interference.

For the reasons set forth herein, TechOutfitter respectfully submits that grant of the requested experimental licenses will serve the public interest, convenience and necessity, and thus favorable action is warranted.

¹ *Unlicensed Use of the 6GHz Band*, Report & Order, 35 FCC Rcd 3852, 3853 (2020).