



Dr. Weisong Wang

Research interests:

- wide band gap and ultra wide band gap materials and devices; high power electronics for RF applications in extreme and harsh environments; Antenna design; MEMS; thin film devices for RF and biomedical applications

Currently funded research projects:

- “Dielectric integration in ultra-wide band gap transistors for high temperature applications”, AFRL Regional Network - Midwest, \$200,000, 9/2024-8/2026
- “Electronic-grade dielectric integration for high-power and high frequency electronic devices”, Defense Associated Graduate Student Innovators (DAGSI) funded by Ohio Department of Higher Education, \$117,881, 8/2024-8/2026
- “Integration of AlScN-based dielectric in high-power GaN-based radio frequency transistors”, Air Force Research Lab, ~\$140,000 (continuous renewal), 2/2022-8/2025

