Dr. Matthew LaRue is a research electrical engineering at DEVCOM Army Research Laboratory in the RF Devices and Circuits branch. He received his BS in Electrical Engineering from Valparaiso University in 2012, and MS and PhD in Electrical Engineering from The Ohio State University in 2017 and 2018. His graduate research focused on high-efficiency integrated transmitters in a heterogeneous CMOS/GaN process technology. He worked at Northrop Grumman Mission Systems for 3.5 years as a RF integrated design engineer before joining the DEVCOM Army Research Laboratory in 2021. His current research interests include RF, microwave, mixed-signal, and digital integrated circuit design.