



Jacob Stephens was born in Tahoka, Texas, USA in 1990. He received B.S. and M.S. degrees in electrical engineering from Texas Tech University in May 2011 and December 2011, respectively. He is currently working towards completing a Ph.D. in electrical engineering while conducting research at the Center for Pulsed Power and Power Electronics at Texas Tech University. Mr. Stephens is also a member of the National Physical Sciences Consortium supported by Sandia National Laboratories. His current research interests include high density metal plasma behavior, HPM surface flashover, and microdischarge excimer sources.