### Author’s Biography

**Matt Brandes** is the Transmitter Supervisor for several of Capitol Broadcasting’s television and radio stations including WRAL-TV.  He received his A.A.S. in Broadcast Engineering and Computer Science from Northern Virginia Community College, Fairfax, VA in 1981.  He began his broadcast career with a systems integrator in the Washington D.C. area installing and renovating television and radio studios and transmitters.  Mr. Brandes moved to Raleigh, NC in 1991 and has since held several titles including Chief Engineer of the local NBC affiliate.  In 2001, he took over the CBC transmission system; and he has been responsible for research and growth of the company’s RF plan during the first DTV transition and the current repack as well as being involved with early adoption of new technologies including ATSC 3.0.  Mr. Brandes holds several broadcast related certifications and is an active member of the S.B.E.