Amanuel Haile is a Boeing Technical Fellow and Boeing Designated Expert with over 30 years' experience at Boeing in all aspects of Antenna near-field measurement and analysis. As a technical lead, Amanuel supports test facility enhancements across Boeing and provides the necessary software and hardware training.

Amanuel developed a multi-day training course in antenna near field measurement that he has presented across Boeing facilities. The training course was tailored for lab technicians and engineers, as well as business partners, which has yielded measurable improvements in laboratory efficiency and accuracy. He has also written and published the Boeing Design Practice for Antenna Near Field measurement and error analysis.

Amanuel is highly involved in all phases of flight antenna testing: pre-range requirements, scheduling, probe calibration, range configuration, test support/troubleshooting/processing, and post-range data reduction. He is the Antenna range test focal/lead for One Boeing efforts and for Industry test capability needs Boeing in El Segundo. Amanuel has significantly impacted Boeing's business by developing new, enabling technologies to save significant cost and schedule on antenna testing across all space programs, providing key technical solutions, and input to proposals to win new business.

Amanuel has been a member of the Antenna Measurements Techniques Association (AMTA) since 1997. He presented his first AMTA paper in 1998 in Probe calibration using Time Domain gating and has authored and co-authored many other papers for Boeing and AMTA. His paper in Near Field Measurement Errors Due to Neglecting Probe Cross-Polarization, which he presented in 2007, was selected as the best paper in the session.

Amanuel was awarded AMTA Fellow in 2024 and serves in the AMTA Technical Committee, Student Paper Review, and AMTA Growth and Retention Committee.

Amanuel holds a MS in Electrical Engineering and a BS in Electrical Engineering, both from the California State University of Long Beach.