

June 22nd, 2023

Ms. Mackenzie Connors
Program Administrator –USNC/IEC
American National Standards Institute
25 West 43rd Street
New York, New York 10036

Ms. Connors,

I am writing this letter in support of Robert Acacio's application for the U.S. National Committee (USNC) 2023 IEC Young Professionals Competition & Program. As an Electronics Engineer at the Office of Engineering & Technology within the Federal Communications Commission (FCC), Robert has consistently demonstrated exceptional skills, remarkable dedication, and outstanding contributions to our organization. Robert has my highest recommendation and I believe that he will be an excellent ambassador and spokesperson for USNC and IEC.

Robert and I have worked closely for five months and I find that he has been actively involved in standards work, playing a vital role in our radio frequency (RF) exposure team, assisting with drafting guidelines and regulations and performing measurements for evaluating human exposure to RF electromagnetic fields. His commitment to staying abreast of advancements and best practices in the field is truly commendable. Robert has consistently attended international standard conferences and closely followed publications from several organizations, such as IEC, International Organization for Standards (ISO), Institute of Electrical and Electronics Engineers (IEEE), 3rd Generation Partnership Project (3GPP), and various telecommunications regulatory authorities outside the US, including those in Canada, UK, Australia, France, and Japan. This continuous engagement with industry experts and regulatory bodies has equipped Robert with invaluable knowledge and expertise that he brings to his work at the FCC.

In addition to his involvement in standards work, Robert has excelled in various projects and demonstrated his ability to work in diverse environments. As the lead researcher on certain microwave and millimeter-wave experiments, he exhibited outstanding technical capabilities while creating appropriate test scenarios. Furthermore, Robert has validated equations and models used in RF exposure computations, thereby ensuring the accuracy and reliability of FCC technical bulletins and policies. His meticulous approach and expertise in utilizing MATLAB software script showcased his ability to perform complex analyses and deliver precise results.

Apart from his technical prowess, Robert is an exceptional team player and possesses strong communication skills. He has effectively collaborated with senior engineers, contributed

to the rulemaking process by preparing important written materials, and presented on complex research topics. He presently co-organizes talks by researchers and leaders for the FCC, including effectively introducing the speakers and ensuring that the online presentation runs smoothly. His ability to work harmoniously in diverse environments, respecting and appreciating different perspectives, has greatly enhanced the collaborative spirit within our organization.

In conclusion, I wholeheartedly recommend Robert for this program. His involvement in standards work, and ability to thrive in various settings makes him an invaluable asset. Robert's dedication, technical expertise, and collaborative nature will undoubtedly contribute to the success of any organization he joins.

Please feel free to contact me should you require any further information or clarification regarding Robert's qualifications. Thank you for considering his application; I am confident that Robert will continue to excel and achieve great success in his future endeavors.

Sincerely,



Rajat Mathur, P.E.

Electronics Engineer & Subject-Matter Expert

Office of Engineering & Technology

Federal Communications Commission

rajat.mathur@fcc.gov

(202) 418-7863