

## Robert M. Unetich | Professional Engineer

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### Professional Profile

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An electrical engineer by training, active now as a consulting engineer specializing in radio frequency circuit design, electromagnetic wave propagation and pickleball sound mitigation.

Experienced in electronic product development and in sound barrier design with over 50 years of engineering experience. Licensed as a professional Engineer in Pennsylvania since 1976.

### Engineering and Management Career Summary

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2021 – Present	Founder and owner of PSM LLC, also known as Pickleball Sound Mitigation, a firm specializing in reducing the impact of pickleball sound.
2007 – Present	Owner of GigaHertz LLC and RMU Engineering, electronic consulting firms located near Pittsburgh, PA
2004 – 2007	Owner of Axcera LLC, a manufacturer of analog and digital radio frequency transmitters for television and wireless digital microwave services
1998 – 2004	Adjunct Professor of Engineering at Carnegie Mellon University Work included teaching courses in business for engineers and entry level electrical engineering
1982 – 1997	President of ITS Corporation, a manufacturer of television transmitters, acquired by ADC Telecommunications in 1996.
1978 – 1982	Engineering Manager of Broadcast Transmitters, RCA Corporation
1976 – 1978	Engineering Manager of Television Transmitters, Harris Corporation
1970 – 1976	VP of Engineering of EMCEE Broadcast Corporation
1968 – 1970	Design Engineer for Honeywell Information Systems, Involved in the design of the early GPS system known as the Navy Navigation Satellite System

### Education

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1964 – 1968 BSEE from Carnegie Mellon University

### Patents

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Seven granted patents including a novel power supply design, a waveguide microwave filter and in diathermy, plus a pending patent applications in the diathermy field and pickleball design.

### Publications

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Extensively published in the field of television transmission including chapters in the National Association of Broadcaster's Engineering Handbook. Co-authored an electrical engineering laboratory manual while at Carnegie Mellon. Currently the author of Pickleball Magazine's Rules Guru Column.