

# ROBERT MARK, Ph.D.

**RF Design Engineer, Antigone Solutions (OPC) Pvt Ltd, Bangalore**

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Robert Mark received the B.E. degree in Electronics and Telecommunication from Chhattisgarh Swami Vivekanand Technical University, Bhilai, India, in 2010 and M.Tech degree in Microwave Engineering from Madhav Institute of Technology & Science, Gwalior, India in 2014. He completed his Ph.D. degree from Guru Ghasidas (Central University), Bilaspur, India in 2020. From 2020 to July, 2022, he was a Research Associate with Microwave Tube Research & Development Centre, Bangalore. In 2022, he was a RF Design Engineer with Antigone solutions, Bangalore a defense & aerospace organization. His current research interests include RF passive circuit like diplexer and splitters, High power solid state devices, SMD package type Multilayer LTCC filter, mm-wave RF circuit design, waveguide adapters, coaxial connectors, divider/combiner, etc for military applications.

## WORK EXPERIENCE

- **RF Design Engineer, Antigone Solutions (OPC) Pvt Ltd, Bangalore** (4 July, 2022- Till Date)
- **Research Associate, DRDO-MTRDC, Bangalore** (29 Oct 2020- 1 July, 2022)
- **Lecturer (On Contract), Government Engineering College, Bilaspur** (July 2015- May 2016)

## TECHNICAL SKILLS

**Key Skills:** RF circuit design, SSPA module design, RF passive circuit design, High-gain antenna, Proposal & RFQ handling, BOM costing & optimization, Technical analysis and Project management, and Experience In hardware/product development, integration, testing, compliance & support.

## PROJECTS:

[P1]. X-band RF CANCELLER for FMCW Radar for LRDE DRDO, Bangalore.

[P2]. Wideband Limiting Amplifier (2-18GHz) for BEL Bangalore.

[P3]. 15 Watt Power Amplifier modules for Man-pack radio (20- 520MHz) for BEL Bangalore.

[P4]. Cavity based high power Diplexer-5KW (6.4% Duty at 1030 MHz) for BEL Ghaziabad.

[P5]. 1Watt SSPA module for BEL MWT Bangalore.

## For List of Publications:

GOOGLE SCHOLAR Link: <https://scholar.google.com/citations?user=Uhi6pHoAAAAJ&hl=en>

I hereby declare that the all the above mentioned information is true, complete and correct to the best of my knowledge and belief.

Place: Bangalore, India



(Dr. ROBERT MARK)