

List of Publications

Journals:

1. **Amit Kumar Singh**, Sudhir Bhaskar and A. K. Singh, "A Nested Slot and T-Match Network Based Hybrid Antenna for UHF RFID Tag Applications," *Progress In Electromagnetics Research C*, vol. 125, 2022.
2. **Amit Kumar Singh** and A. K. Singh, "A Meandered Inductive Loop Based RFID Tag Antenna for Luggage Tracking," *Progress In Electromagnetics Research C*, vol. 132, pp. 103-115, 2023.
3. **Amit Kumar Singh** and A. K. Singh, "Optimized circular RFID tag antenna achieving extended detection range on metallic surfaces," *Analog Integrated Circuits and Signal Processing*, vol. 123, No. 3 pp. 43, 2025.
4. **Amit Kumar Singh** and A. K. Singh, "A Planar UHF RFID Tag Antenna for Metallic Surfaces," Communicated in Wireless Personal Communications.

Conferences:

1. **Amit Kumar Singh**, Sudhir Bhaskar and A. K. Singh, "A Hybrid UHF Passive Tag Antenna for RFID Applications at 865 MHz," 2022 IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), 2022, pp. 1814-1817.
2. **Amit Kumar Singh**, Sudhir Bhaskar and A. K. Singh, "A Spiral Ended Meandered RFID Tag at 915 MHz," 2022 IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), Bangalore, India, 2022, pp. 1466-1469.
3. **Amit Kumar Singh** and A. K. Singh "A Meandered Inductive Loop based RFID Tag Antenna at 866 MHz ," 2023 First International Conference on Microwave, Antenna and Communication (MAC), 2023, pp. 1-5.
4. **Amit Kumar Singh** and A. K. Singh "Planar RFID Tag Antenna Based on Combined Matching Techniques at 902 MHz ," 2023 IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), Ahmedabad, India, 2023, pp. 1-4.

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