

## LIST OF PUBLICATIONS

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### Journals:

1. **Sudhir Bhaskar** and Amit Kumar Singh, “A Dual Band Dual Antenna with Read Range Enhancement for UHF RFID Tags,” *International Journal of RF and Microwave Computer Aided Engineering*, vol. 29, pp. 1-8, 2019.
2. **Sudhir Bhaskar** and Amit Kumar Singh, “Meandered Cross-shaped Slot Circularly Polarised Antenna for Handheld UHF RFID Reader,” *International Journal of Electronics and Communications*, vol. 100, pp. 106-113, 2019.
3. **Sudhir Bhaskar** and Amit Kumar Singh, “Linearly tapered meander line cross dipole circularly polarized antenna for UHF RFID tag applications,” *International Journal of RF and Microwave Computer Aided Engineering*, vol. 29, pp. 1-7, 2019.
4. **Sudhir Bhaskar**, Sarthak Singhal and Amit Kumar Singh, “Folded-Slot Active Tag Antenna for 5.8GHz RFID Applications,” *Progress In Electromagnetics Research C*, vol. 82, pp. 89–97, 2018.
5. Bidisha Barman, **Sudhir Bhaskar** and Amit Kumar Singh, “Spiral Resonator Loaded S-shaped Folded Dipole Dual Band UHF RFID Tag Antenna,” *Microwave and Optical Technology Letters*, vol. 61, no. 3, pp. 720-726, 2019.
6. Bidisha Barman, **Sudhir Bhaskar** and Amit Kumar Singh, “Dual-Band UHF RFID Tag Antenna Using Two Eccentric Circular Rings,” *Progress In Electromagnetics Research M*, vol. 71, pp. 127–136, 2018.
7. **Sudhir Bhaskar** and Amit Kumar Singh, “Meander Line Dipole Antenna for Passive UHF RFID Tag Applications,” Under review in *Frequenz-Journal of RF-Engineering and Telecommunications*.

### Conferences:

1. **Sudhir Bhaskar**, Bidisha Barman and Amit Kumar Singh, “Circularly Polarized Meander Line Cross Dipole Antenna for UHF RFID Applications,” **URSI Asia Pacific Radio Science Conference**, New Delhi, 9-15 March 2019.
2. **Sudhir Bhaskar** and Amit Kumar Singh, “Capacitive tip loaded linearly tapered meander line antenna for UHF RFID tag applications,” **IEEE Applied**

- Electromagnetics Conference (AEMC)**, Aurangabad, pp. 1-2, 2017.
3. **Sudhir Bhaskar** and Amit Kumar Singh, “Meander line tag antenna with inductively coupled parasitic element and T-loop feed,” **International Symposium on Antennas and Propagation (ISAP)**, Phuket, pp. 1-2, 2017.
  4. **Sudhir Bhaskar**, Sarthak Singhal and Amit Kumar Singh, “A 2.4/5.8 GHz dual band monopole antenna for RFID applications,” **Recent advancement in communication engineering and microelectronics (RACEM-2016)**, Gorakhpur, 9-10 March 2016.
  5. **Sudhir Bhaskar**, Sarthak Singhal and Amit Kumar Singh, “CPW-fed inverted U-shaped folded-slot monopole antenna for RFID applications,” **Recent advancement in communication engineering and microelectronics (RACEM-2016)**, Gorakhpur, 9-10 March 2016.
  6. Bidisha Barman, **Sudhir Bhaskar** and Amit Kumar Singh, “Eccentric Circular Ring RFID Tag Antenna for Dual-Band Operation,” **URSI Asia Pacific Radio Science Conference**, New Delhi, 9-15 March 2019.
  7. Bidisha Barman, **Sudhir Bhaskar** and Amit Kumar Singh, “Dual-Band UHF Folded Dipole RFID Tag Antenna Loaded with Spiral Resonator,” **URSI Asia Pacific Radio Science Conference**, New Delhi, 9-15 March 2019.