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1. **2007 IEEE international workshop on Anti-counterfeiting, Security, Identification. ASID**

**Source:** *2007 IEEE International Workshop on Anti-counterfeiting, Security, Identification, ASIL, 2007, 2007 IEEE International Workshop on Anti-counterfeiting, Security, Identification, ASIL*; **ISBN-10:** 1424410355, **ISBN-13:** 9781424410354; **Conference:** 2007 IEEE International Workshop on Anti-counterfeiting, Security, Identification, ASID, April 16, 2007 – April 18, 2007; **Publisher:** Inst. of Elec. and Elec. Eng. Computer Society

**Abstract:** The proceedings contain 104 papers. The topics discussed include: some novel designs for RFID antennas and their performance enhancement with metamaterials; slow wave structures for miniature antennas; design considerations for millimeter wave antennas within a chip package; frequency reconfigurable antenna with micromechanical patch; the application of PBG configuration in planar spiral antenna; spiral antennas in RFID and their size reduction and performance enhancement; development and implementation of novel UHF paper-based RFID designs for anti-counterfeiting and security applications; platform-tolerant design for an RFID tag antenna; adaptive conformal antenna design using DSP; nonlinear active antenna; switched beam antenna array for UHF band RFID system; experimental study on wideband antenna for wireless communication application; and dual-band baluns for accurate antenna measurement.

**Main Heading:** Technical presentations

**Controlled terms:** Antenna arrays – Chip scale packages – Identification (control systems) – Security systems – Wireless telecommunication systems

**Uncontrolled terms:** Adaptive conformal antennas – Miniature antennas – Planar spiral antennas

**Classification Code:** 714.2 Semiconductor Devices and Integrated Circuits – 716 Telecommunication; Radar, Radio and Television – 731.1 Control Systems – 901.2 Education – 914.1 Accidents and Accident Prevention

**Treatment:** Theoretical (THR); Experimental (EXP)

**Database:** Compendex

