



All



ADVANCED SEARCH

Back to Results

Conferences > 2017 International Conference... ?

# Design and analysis of beacon based SDR systems

Publisher: IEEE

Cite This

PDF

<< Results

Rajendra. V. Babar ; M. S. Gaikwad ; R. V. Kshirsagar All Authors



## Alerts

Manage Content Alerts

Add to Citation Alerts

83 Full Text Views

### More Like This

The design and multiplier-less realization of software radio receivers with reduced system delay

IEEE Transactions on Circuits and Systems I: Regular Papers

Published: 2004

Design and Complexity Optimization of a New Digital IF for Software Radio Receivers With Prescribed Output Accuracy

IEEE Transactions on Circuits and Systems I: Regular Papers

Published: 2007

Show More

### Abstract



Download

PDF

Document Sections

I. Introduction

**Abstract:**The software defined radio (SDR) is an advance type of radio communication. In this paper we will be researching on three methods which can increase the efficiency of the... [View more](#)

II. Software Defined Radio

#### Metadata

III. System Design and Description

#### Abstract:

The software defined radio (SDR) is an advance type of radio communication. In this paper we will be researching on three methods which can increase the efficiency of the SDR. The beacon, Multi transmitter and receiver, Pipelining and Parallel Processing are some techniques used for enhancing the system are reviewed in this paper.

IV. Analysis

V. Conclusion

Authors

**Published in:** 2017 International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies (ICAMMAET)

Figures

References

**Date of Conference:** 16-18 Feb. 2017 **INSPEC Accession Number:** 17429911

Keywords

**Date Added to IEEE Xplore:** 14 December 2017

Metrics

More Like This

**► ISBN Information:**

**DOI:**

10.1109/ICAMMAET.2017.8186728

**Publisher:** IEEE

**Conference Location:** Chennai, India

 **Contents**

**I. Introduction**

Software defined radio are also known as software based radio (SBR) or software radio. In SDR, radio digitization is performed at a stage downstream from the antenna, mostly after filtering the wideband, amplifying low noise and conversion to a lower frequency in subsequent stages, along with an opposite process occurring for transmitting digitization.

Authors	▼
Figures	▼
References	▼
Keywords	▼
Metrics	▼

**IEEE Personal Account**

CHANGE USERNAME/PASSWORD

**Purchase Details**

PAYMENT OPTIONS  
VIEW PURCHASED DOCUMENTS

**Profile Information**

COMMUNICATIONS PREFERENCES  
PROFESSION AND EDUCATION  
TECHNICAL INTERESTS

**Need Help?**

US & CANADA: +1 800 678 4333  
WORLDWIDE: +1 732 981 0060  
CONTACT & SUPPORT

**Follow**



[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [IEEE Ethics Reporting](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2022 IEEE - All rights reserved.

**IEEE Account**

- » Change Username/Password
- » Update Address

**Purchase Details**

- » Payment Options
- » Order History
- » View Purchased Documents

**Profile Information**

- » Communications Preferences
- » Profession and Education
- » Technical Interests

**Need Help?**

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » Contact & Support

[About IEEE Xplore](#) | [Contact Us](#) | [Help](#) | [Accessibility](#) | [Terms of Use](#) | [Nondiscrimination Policy](#) | [Sitemap](#) | [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.

© Copyright 2022 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.