Permalink

Request Information

RADIO ANTENNA WITH IMPROVED FEED SYSTEM

Tech ID: 17507 / UC Case 2005-071-0

ABSTRACT

Log-periodic antennas are capable of transmitting and receiving signals across a large bandwidth. However, their bandwidth range can be too large for the entire signal to be simultaneously digitized.

To address this issue, researchers at UC Berkeley have developed an innovative feed for broadband antennas. This feed converts the broadband radio signals such that they can be more readily digitized and processed.

APPLICATIONS

Radio communication especially spectrophotometry and polarimetry

Commercial satellite dish technology

ADVANTAGES

Low cost, efficient design

Improved feed bandwidth resulting in superior antenna performance

PATENT STATUS

Country	Туре	Number	Dated	Case
United States Of America	Issued Patent	7,609,220	10/27/2009	2005-071

CONTACT

Terri Sale terri.sale@berkeley.edu

tel: 510-643-4219.



OTHER INFORMATION

CATEGORIZED AS

- » Communications
 - >> Other
- » Imaging
 - >> Other
- » Research Tools
 - >> Other
 - >> Vectors

RELATED CASES

2005-071-0

RELATED TECHNOLOGIES

▶ Radio Antenna With Improved Support System



University of California, Berkeley Office of Technology Licensing

2150 Shattuck Avenue, Suite 510, Berkeley,CA 94704

Tel: 510.643.7201 | Fax: 510.642.4566

https://ipira.berkeley.edu/ | otl-feedback@lists.berkeley.edu © 2009 - 2013, The Regents of the University of California

Terms of use | Privacy Notice