

Research Articles

- 521** *Jeffrey M. Holmes, Rainer A. Dressler, Todd R. Pedersen, Ronald G. Caton, and Daniel Miller*
A combined spectroscopic and plasma chemical kinetic analysis of ionospheric samarium releases*
(doi 10.1002/2016RS006084)

*This article is part of a Special Section—2013 Equatorial Ionospheric Sounding Rocket Campaign from Kwajalein Atoll
- 539** *Ronald G. Caton, Todd R. Pedersen, Keith M. Groves, Jack Hines, Paul S. Cannon, Natasha Jackson-Booth, Richard T. Parris, Jeffrey M. Holmes, Yi-jiun Su, Evgeny V. Mishin, Patrick A. Roddy, Albert A. Viggiano, Nicholas S. Shuman, Shaun G. Ard, Paul A. Bernhardt, Carl L. Siefring, John Retterer, Erhan Kudeki, and Pablo M. Reyes*
Artificial ionospheric modification: The Metal Oxide Space Cloud experiment* (doi 10.1002/2016RS005988)

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- 559** *Paul A. Bernhardt, Carl L. Siefring, Stanley J. Briczinski, Albert Viggiano, Ronald G. Caton, Todd R. Pedersen, Jeffrey M. Holmes, Shaun Ard, Nicholas Shuman, and Keith M. Groves*
A physics-based model for the ionization of samarium by the MOSC chemical releases in the upper atmosphere*
(doi 10.1002/2016RS006078)

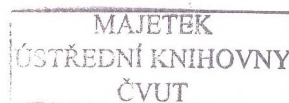
* This article is part of a Special Section—2013 Equatorial Ionospheric Sounding Rocket Campaign from Kwajalein Atoll
- 578** *Todd R. Pedersen, Ronald G. Caton, Daniel Miller, Jeffrey M. Holmes, Keith M. Groves, and Eric Sutton*
Empirical modeling of plasma clouds produced by the Metal Oxide Space Clouds experiment*
(doi 10.1002/2016RS006079)

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- 597** *E. Miralles, A. Belenguer, H. Esteban, and V. Boria*
Cross-guide, Moreno directional coupler in empty substrate integrated waveguide (doi 10.1002/2017RS006244)
- 604** *John Retterer, Keith M. Groves, Todd R. Pedersen, and Ronald G. Caton*
The electrodynamic effects of MOSC-like plasma clouds* (doi 10.1002/2016RS006085)

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- 616** *J. Zelený, F. Pérez-Fontán, P. Pechac, and P. Mariño-Espiñeira*
Open area 2 × 2 MIMO channel model for 2 GHz low-elevation links with diversity and capacity applications
(doi 10.1002/2016RS006199)
- 630** *Son Xuat Ta and Ikmo Park*
Artificial magnetic conductor-based circularly polarized crossed-dipole antennas: 1. AMC structure with grounding pins* (doi 10.1002/2016RS006203)

* This article is part of a Special Section—Special Issue of the 2016 URSI Asia-Pacific Radio Science Conference
*This article is a companion to *Ta and Park* [2017] doi:10.1002/2016RS006204.
- 642** *Son Xuat Ta and Ikmo Park*
Artificial magnetic conductor-based circularly polarized crossed-dipole antennas: 2. AMC structure without grounding pins* (doi 10.1002/2016RS006204)

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- 653** *X. Zhang, S. F. Zhao, Y. Ruzhin, Jing Liu and R. Song*
The spatial distribution features of three Alpha transmitter signals at the topside ionosphere
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- 663** *Yen-sheng Chen and Huang-cheng Zhou*
An isolation-enhanced quad-element antenna using suspended solid wires for LTE small-cell base stations
(doi 10.1002/2016RS006206)
- 677** *K. S. Paul and A. Paul*
Relation of decorrelated transionospheric GPS signal fluctuations from two stations in the northern anomaly crest
region with equatorial ionospheric dynamics (doi 10.1002/2016RS005964)
- 693** *Audrey J. Markowskei and Paul D. Smith*
Measuring the effect of rounding the corners of scattering structures * (doi 10.1002/2017RS006276)
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Symposium on Electromagnetic Theory