

Accepted Manuscript

Dielectric Properties of 3D-Printed Materials for Anatomy Specific 3D-Printed MRI coils

Bahareh Behzadnezhad, Bruce D Collick, Nader Behdad, Alan B McMillan

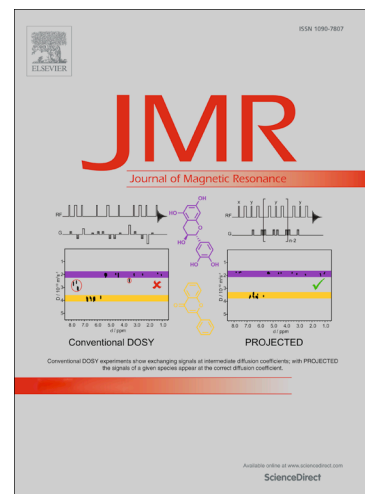
PII: S1090-7807(18)30058-2
DOI: <https://doi.org/10.1016/j.jmr.2018.02.013>
Reference: YJMRE 6258

To appear in: *Journal of Magnetic Resonance*

Received Date: 22 November 2017
Revised Date: 8 February 2018
Accepted Date: 20 February 2018

Please cite this article as: B. Behzadnezhad, B.D. Collick, N. Behdad, A.B. McMillan, Dielectric Properties of 3D-Printed Materials for Anatomy Specific 3D-Printed MRI coils, *Journal of Magnetic Resonance* (2018), doi: <https://doi.org/10.1016/j.jmr.2018.02.013>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Dielectric Properties of 3D-Printed Materials for Anatomy Specific 3D-Printed MRI coils

Bahareh Behzadnezhad^{1,2}, Bruce D Collick¹, Nader Behdad², Alan B McMillan¹

¹ Department of Electrical and Computer Engineering, University of Wisconsin, Madison, WI 53706, USA

² Department of Radiology, Wisconsin Institute for Medical Research, University of Wisconsin, Madison, WI 53705, USA

Key words: 3D printing, anatomy specific coils, radio-frequency (RF) coils, dielectric properties measurement, magnetic resonance imaging (MRI), electromagnetics, parallel RLC resonator

Download English Version:

<https://daneshyari.com/en/article/7841276>

Download Persian Version:

<https://daneshyari.com/article/7841276>

[Daneshyari.com](https://daneshyari.com)